

# CENTRIFUGAL PUMPS

## CLOSE-COUPLED AG SERIES



The AG series pumps are close-coupled, electric motor driven pumps producing flows ranging up to 900 gallons per minute. They feature all-iron construction, enclosed impellers, mechanical shaft seals, replaceable stainless steel shaft sleeves and are all back pull-out design for ease of service. Standard JM shaft motors are available with either an ODP or TEFC enclosure and either single or three phase standard voltages to fit your site requirements.

### FEATURES

- 9 pump families covering the most popular hydraulic performance ranges
- Designed for increased efficiency and performance
- Threaded NPT and 125# flanged connection options
- Flow ranges up to 900 gpm
- NEMA standard JM and JP shaft motors; 1800 and 3600 rpm; ODP and TEFC enclosures available
- Back pull-out design
- Standard carbon/ceramic/nitrile/316 stainless steel mechanical seals or packing-box option
- 416 stainless steel shaft sleeves
- ASTM-A48 CL30 cast iron volute and impellers
- CA6NM stainless steel impellers on A1.5x2-6 & A2.5x4-10
- Volute: Factory horizontal discharge with 8 optional positions

### SPECIFICATIONS

- Capacities to 900 gpm
- Heads to 325 feet
- 150 psi maximum working pressure
- 212 °F maximum temperature



### APPLICATIONS

- Pressure Boosting
- Water Supply and Treatment
- Wash Down
- Water Recirculation
- Irrigation



**Franklin Electric**

# CENTRIFUGAL PUMPS

CLOSE-COUPLED AG SERIES

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## MODEL NOMENCLATURE

A L 3 4 9 N P - 1 0 D 4 P 3

Motor Phase (1 = 1-phase, 3 = 3-phase, 5 = 3-phase 575 V)

Motor Speed (2P = 3600 rpm, 4P = 1800 rpm)

Enclosure (D = ODP, T = TEFC)

Motor HP (1 - 75)

Seal Type (M = Mechanical, P = Packing)

Connection Type (N = NPT, F = Flange)

Nominal Impeller Diameter (6", 7", 8", 9", 10", 13")

Suction Size (15 = 1.5", 2 = 2", 25 = 2.5", 3 = 3", 4 = 4", 8 = 8")

Discharge Size (1 = 1", 15 = 1.5", 2 = 2", 25 = 2.5", 3 = 3", 6 = 6")

L = Low Speed

A = Franklin AG Series



# CENTRIFUGAL PUMPS

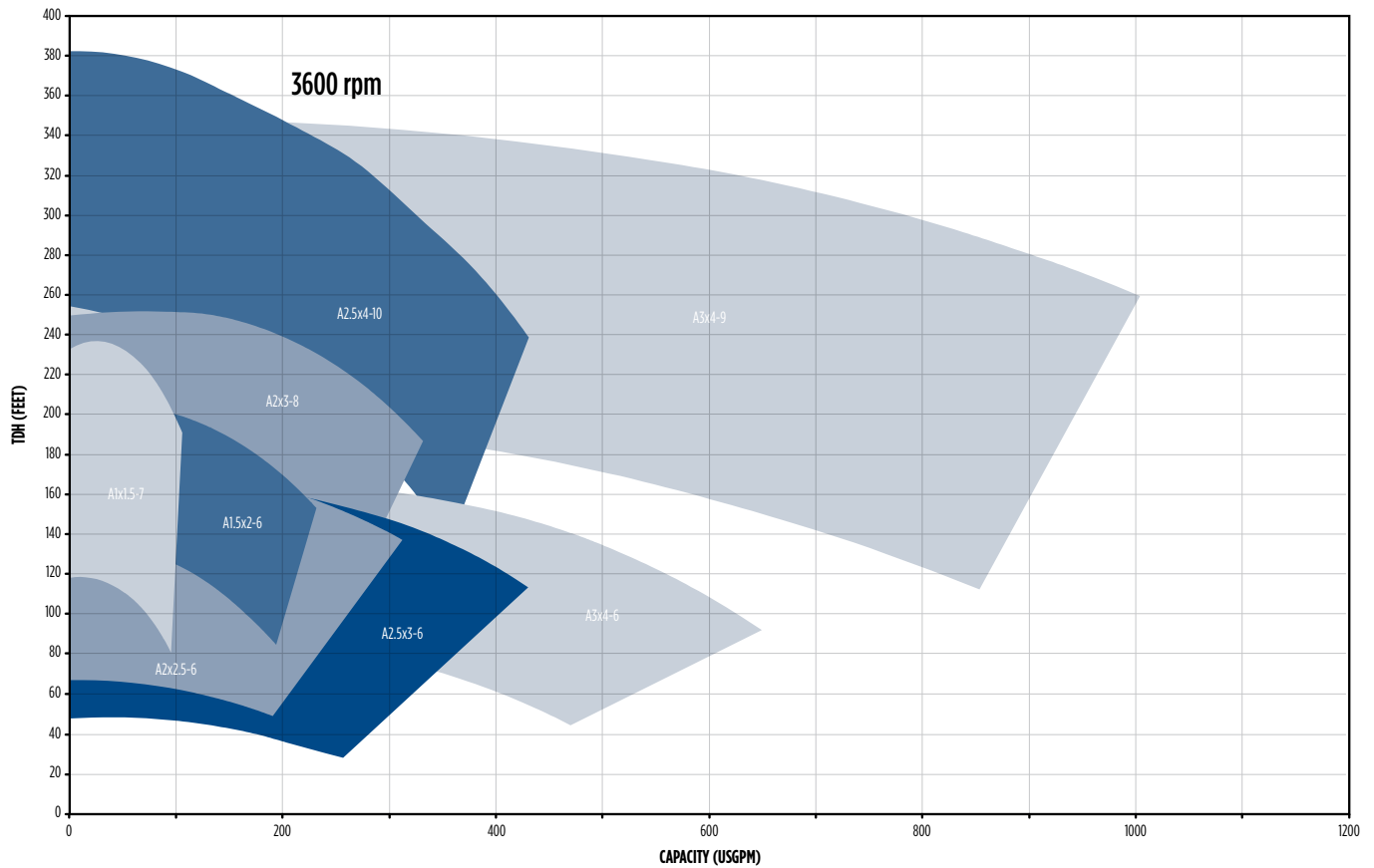
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## PERFORMANCE RANGE

3600 RPM



## PUMP ENERGY INDEX

| AG Series | Basic Model | PEI <sub>CL</sub> Number | AG Series | Basic Model | PEI <sub>CL</sub> Number |
|-----------|-------------|--------------------------|-----------|-------------|--------------------------|
| 3600 rpm  | A1157       | 0.90                     | 3600 rpm  | A2536       | 0.98                     |
|           | A1526       | 0.92                     |           | A25410      | 0.99                     |
|           | A2256       | 0.92                     |           | A346        | 0.98                     |
|           | A238        | 0.94                     |           | A349        | 0.97                     |
|           |             |                          |           |             |                          |

# CENTRIFUGAL PUMPS

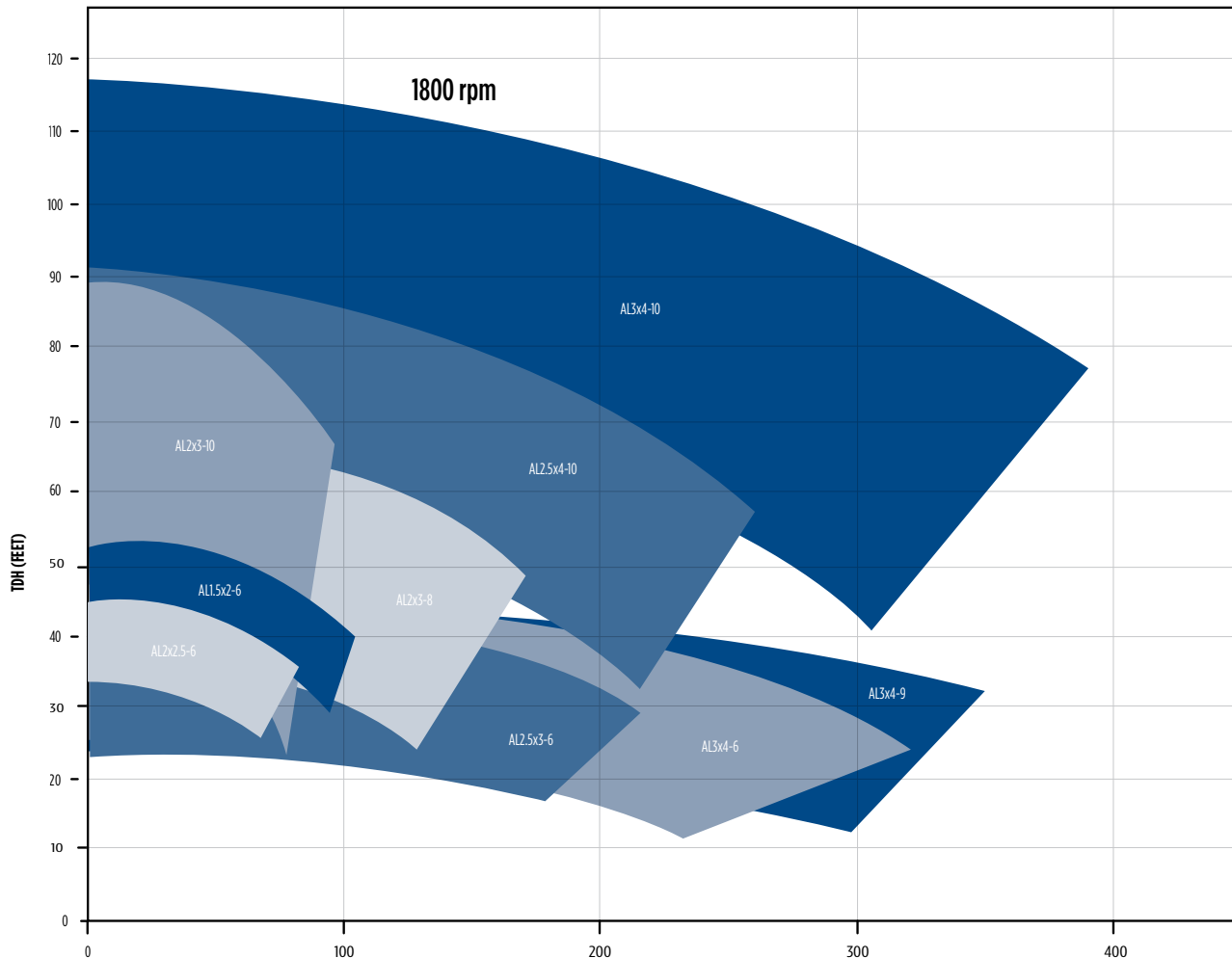
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## PERFORMANCE RANGE

1800 RPM



## PUMP ENERGY INDEX

| AG Series | Basic Model | PEI <sub>CL</sub> Number |
|-----------|-------------|--------------------------|
| 1800 rpm  | AL1526      | 0.97                     |
|           | AL2256      | 0.92                     |
|           | AL2310      | 0.96                     |
|           | AL238       | 0.95                     |
|           | AL2536      | 0.95                     |

| AG Series | Basic Model | PEI <sub>CL</sub> Number |
|-----------|-------------|--------------------------|
| 1800 rpm  | AL25410     | 0.99                     |
|           | AL346       | 0.91                     |
|           | AL349       | 0.98                     |
|           | AL3410      | 0.90                     |

# CENTRIFUGAL PUMPS

CLOSE-COUPLED AG SERIES

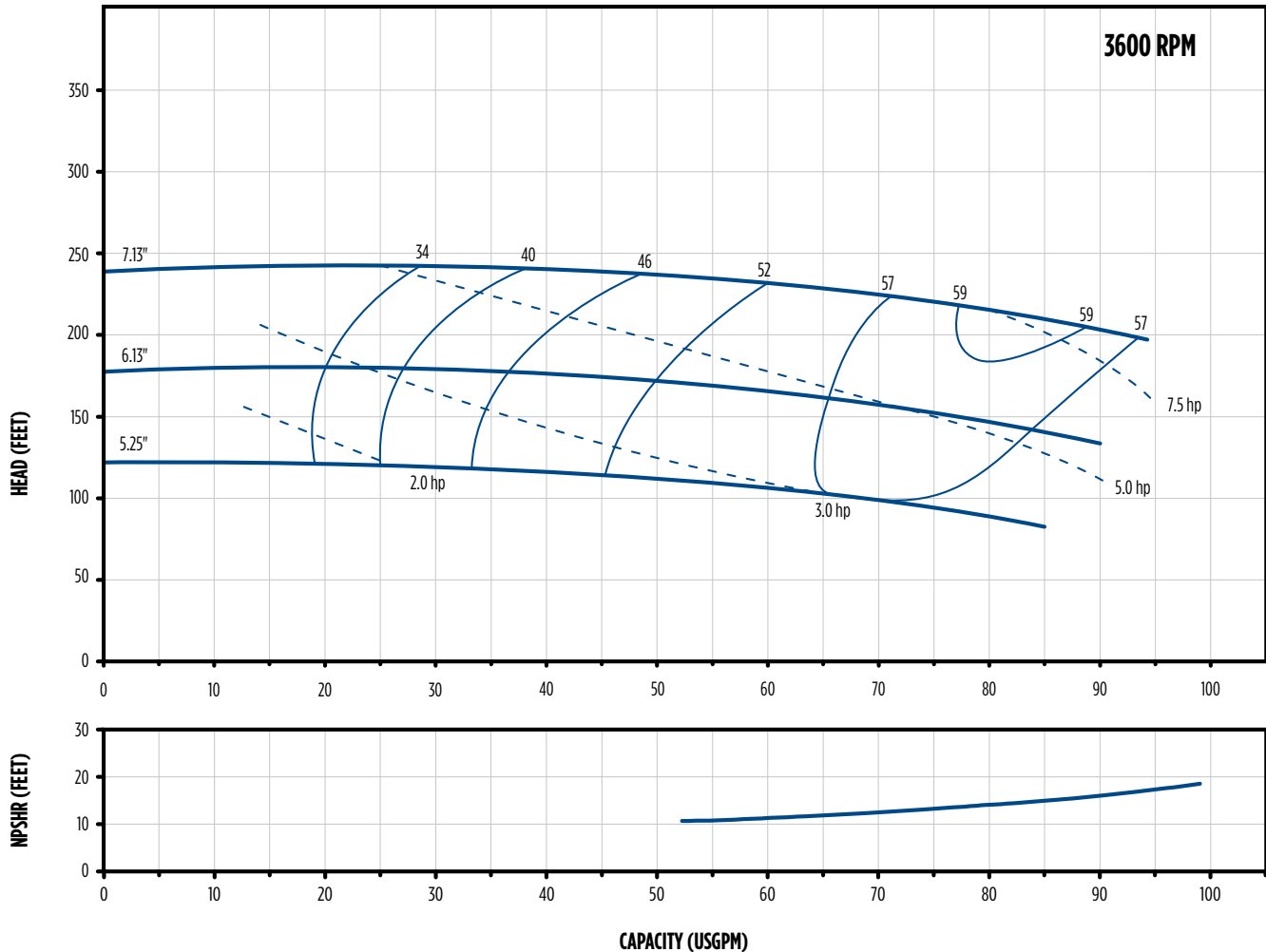
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# FPS

## PERFORMANCE

A1 x 1.5 - 7

| Basic Model | PEI <sub>CL</sub> Number |
|-------------|--------------------------|
| A1157       | 0.90                     |



## ORDER INFO

A1 X 1.5 - 7

| Connection | Seal       | Encl | PH | Voltage | HP  | Motor Frame | Motor Fit Code | Imp Trim | Order No   | Description     | Wt  |
|------------|------------|------|----|---------|-----|-------------|----------------|----------|------------|-----------------|-----|
| NPT        | Mechanical | ODP  | 1  | 230     | 3   | 182JM       | JM-1           | 5.25     | 9645219100 | A1157NM-3D2P1   | 131 |
|            |            |      |    |         | 5   | 184JM       | JM-1           | 6.13     | 9645219110 | A1157NM-5D2P1   | 157 |
|            |            |      |    |         | 7.5 | 184JM       | JM-1           | 7.13     | 9645219120 | A1157NM-7.5D2P1 | 157 |
|            |            |      | 3  | 230/460 | 3   | 145JM       | JM-1           | 5.25     | 9645219105 | A1157NM-3D2P3   | 94  |
|            |            |      |    |         | 5   | 182JM       | JM-1           | 6.13     | 9645219115 | A1157NM-5D2P3   | 109 |
|            |            |      |    |         | 7.5 | 184JM       | JM-1           | 7.13     | 9645219125 | A1157NM-7.5D2P3 | 120 |
|            |            |      | 3  | 575     | 3   | 145JM       | JM-1           | 5.25     | 9645219205 | A1157NM-3D2P5   | 93  |
|            |            |      |    |         | 5   | 182JM       | JM-1           | 6.13     | 9645219215 | A1157NM-5D2P5   | 108 |
|            |            |      |    |         | 7.5 | 184JM       | JM-1           | 7.13     | 9645219225 | A1157NM-7.5D2P5 | 122 |
|            |            | TEFC | 1  | 230     | 3   | 145JM       | JM-1           | 5.25     | 9645218100 | A1157NM-3T2P1   | 107 |
|            |            |      |    |         | 5   | 184JM       | JM-1           | 6.13     | 9645218110 | A1157NM-5T2P1   | 138 |
|            |            |      |    |         | 7.5 | 184JM       | JM-1           | 7.13     | 9645218125 | A1157NM-7.5T2P3 | 146 |
|            |            |      | 3  | 230/460 | 3   | 182JM       | JM-1           | 5.25     | 9645218105 | A1157NM-3T2P3   | 99  |
|            |            |      |    |         | 5   | 184JM       | JM-1           | 6.13     | 9645218115 | A1157NM-5T2P3   | 124 |
|            |            |      |    |         | 7.5 | 184JM       | JM-1           | 7.13     | 9645218125 | A1157NM-7.5T2P3 | 146 |
|            |            |      | 3  | 575     | 3   | 145JM       | JM-1           | 5.25     | 9645218205 | A1157NM-3T2P5   | 95  |
|            |            |      |    |         | 5   | 184JM       | JM-1           | 6.13     | 9645218215 | A1157NM-5T2P5   | 119 |
|            |            |      |    |         | 7.5 | 184JM       | JM-1           | 7.13     | 9645218225 | A1157NM-7.5T2P5 | 141 |

NOTE: Refer to motor section for specifications.

# CENTRIFUGAL PUMPS

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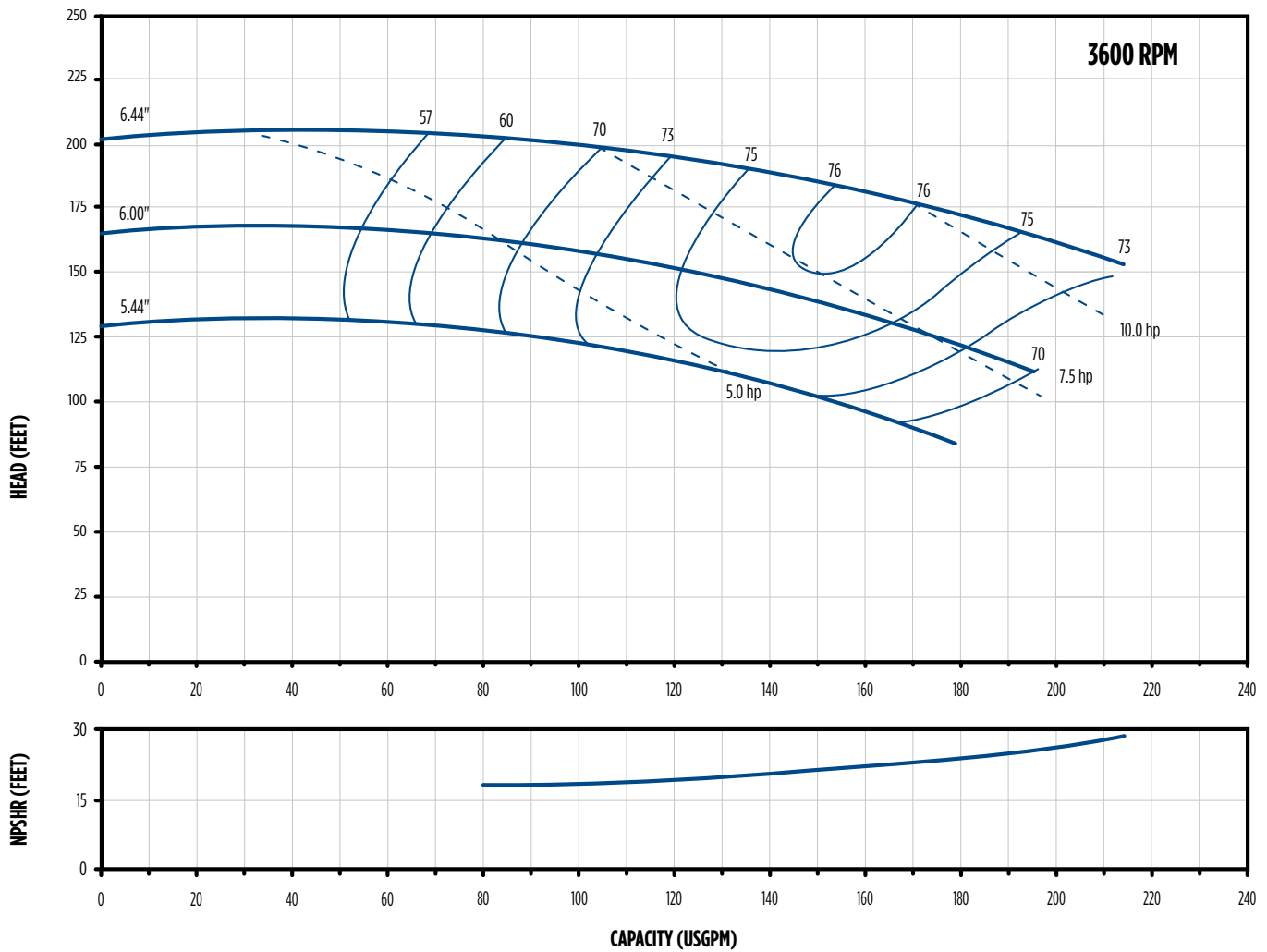
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## PERFORMANCE

A1.5 x 2 - 6

| Basic Model | PEI <sub>a</sub> Number |
|-------------|-------------------------|
| A1526       | 0.92                    |



# CENTRIFUGAL PUMPS

## CLOSE-COUPLED AG SERIES

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### ORDER INFO

A1.5 X 2 - 6

| Connection | Seal       | Encl | PH | Voltage | HP  | Motor Frame | Motor Fit Code | Imp Trim | Order No   | Description     | Wt  |
|------------|------------|------|----|---------|-----|-------------|----------------|----------|------------|-----------------|-----|
| NPT        | MECHANICAL | ODP  | 1  | 230     | 5   | 184JM       | JM-1           | 5.44     | 9646219100 | A1526NM-5D2P1   | 148 |
|            |            |      |    |         | 7.5 | 213JM       | JM-2           | 6.00     | 9646219110 | A1526NM-7.5D2P1 | 156 |
|            |            |      |    |         | 10  | 215JM       | JM-2           | 6.44     | 9646219120 | A1526NM-10D2P1  | 181 |
|            |            |      | 3  | 230/460 | 5   | 182JM       | JM-1           | 5.44     | 9646219105 | A1526NM-5D2P3   | 100 |
|            |            |      |    |         | 7.5 | 184JM       | JM-1           | 6.00     | 9646219115 | A1526NM-7.5D2P3 | 111 |
|            |            |      |    |         | 10  | 213JM       | JM-2           | 6.44     | 9646219125 | A1526NM-10D2P3  | 160 |
|            |            |      | 3  | 575     | 5   | 182JM       | JM-1           | 5.44     | 9646219205 | A1526NM-5D2P5   | 99  |
|            |            |      |    |         | 7.5 | 184JM       | JM-1           | 6.00     | 9646219215 | A1526NM-7.5D2P5 | 113 |
|            |            |      |    |         | 10  | 213JM       | JM-2           | 6.44     | 9646219225 | A1526NM-10D2P5  | 177 |
|            |            | TEFC | 1  | 230     | 5   | 184JM       | JM-1           | 5.44     | 9646218100 | A1526NM-5T2P1   | 129 |
|            |            |      |    |         | 7.5 | 213JM       | JM-2           | 6.00     | 9646218110 | A1526NM-7.5T2P1 | 161 |
|            |            |      |    |         | 10  | 215JM       | JM-2           | 6.44     | 9646218120 | A1526NM-10T2P1  | 161 |
|            |            |      | 3  | 230/460 | 5   | 184JM       | JM-1           | 5.44     | 9646218105 | A1526NM-5T2P3   | 115 |
|            |            |      |    |         | 7.5 | 184JM       | JM-1           | 6.00     | 9646218115 | A1526NM-7.5T2P3 | 137 |
|            |            |      |    |         | 7.5 | 213JM       | JM-2           | 6.00     | 9646218116 | A1526NM-7.5T2P3 | 165 |
|            |            |      | 3  | 575     | 10  | 215JM       | JM-2           | 6.44     | 9646218125 | A1526NM-10T2P3  | 170 |
|            |            |      |    |         | 5   | 184JM       | JM-1           | 5.44     | 9646218205 | A1526NM-5T2P5   | 110 |
|            |            |      |    |         | 7.5 | 213JM       | JM-2           | 6.00     | 9646218215 | A1526NM-7.5T2P5 | 194 |
|            |            |      |    |         | 10  | 215JM       | JM-2           | 6.44     | 9646218225 | A1526NM-10T2P5  | 158 |

NOTE: Refer to motor section for specifications.

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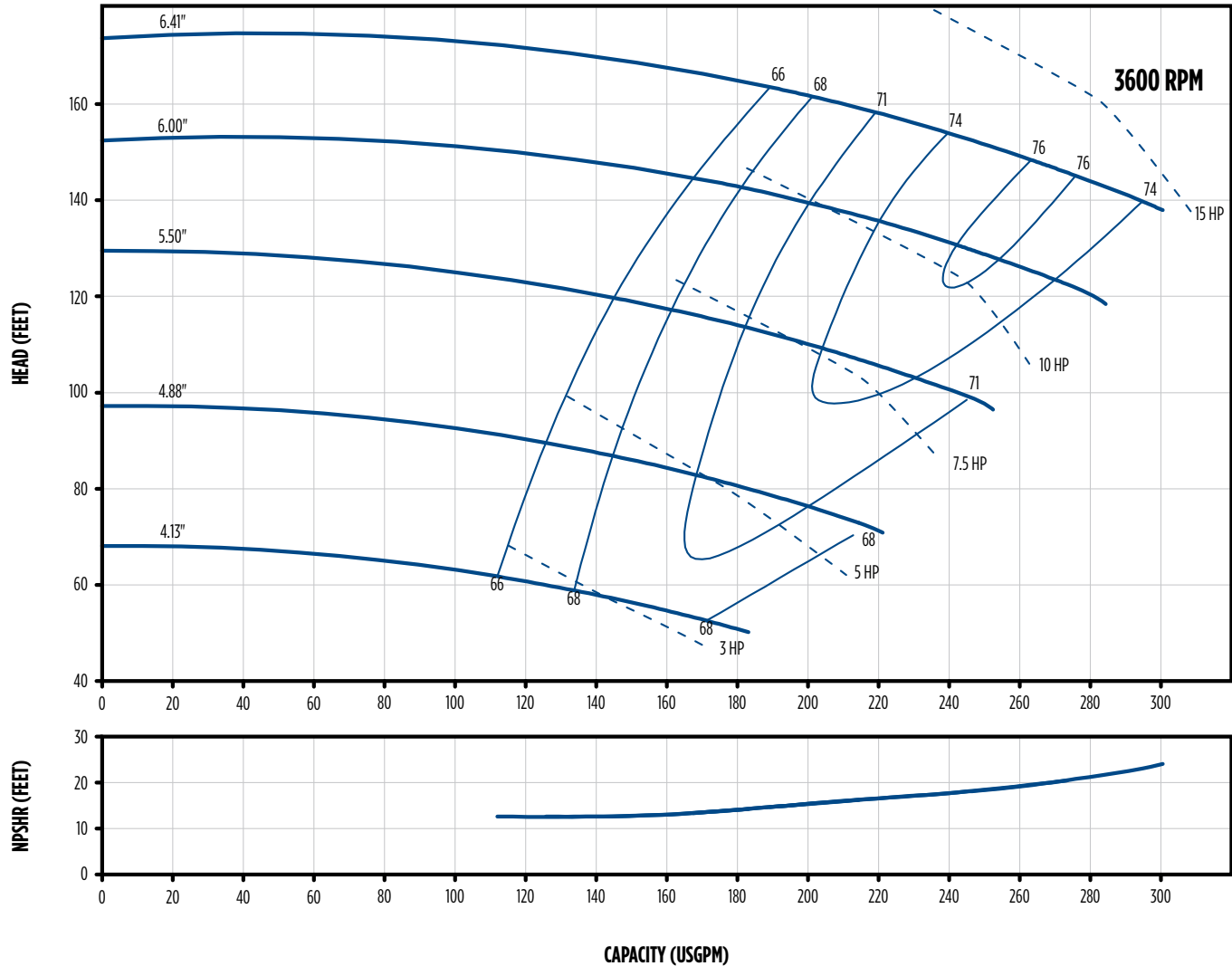
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## PERFORMANCE

A2 X 2.5 - 6

| Basic Model | PEI <sub>CL</sub> Number |
|-------------|--------------------------|
| A2256       | 0.92                     |



# CENTRIFUGAL PUMPS

## CLOSE-COUPLED AG SERIES

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### ORDER INFO

A2 X 2.5 - 6

| Connection | Seal       | Encl | PH | Voltage | HP  | Motor Frame | Motor Fit Code | Imp Trim | Order No   | Description     | Wt  |
|------------|------------|------|----|---------|-----|-------------|----------------|----------|------------|-----------------|-----|
| NPT        | MECHANICAL | ODP  | 1  | 230     | 3   | 182JM       | JM-1           | 4.13     | 9647219100 | A2256NM-3D2P1   | 119 |
|            |            |      |    |         | 5   | 184JM       | JM-1           | 4.88     | 9647219110 | A2256NM-5D2P1   | 145 |
|            |            |      |    |         | 7.5 | 213JM       | JM-2           | 5.50     | 9647219120 | A2256NM-7.5D2P1 | 152 |
|            |            |      |    |         | 10  | 215JM       | JM-2           | 6.00     | 9647219130 | A2256NM-10D2P1  | 177 |
|            |            |      | 3  | 230/460 | 3   | 145JM       | JM-1           | 4.13     | 9647219105 | A2256NM-3D2P3   | 82  |
|            |            |      |    |         | 5   | 182JM       | JM-1           | 4.88     | 9647219115 | A2256NM-5D2P3   | 97  |
|            |            |      |    |         | 7.5 | 184JM       | JM-1           | 5.50     | 9647219125 | A2256NM-7.5D2P3 | 108 |
|            |            |      |    |         | 10  | 213JM       | JM-2           | 6.00     | 9647219135 | A2256NM-10D2P3  | 156 |
|            |            |      |    |         | 15  | 215JM       | JM-2           | 6.41     | 9647219140 | A2256NM-15D2P3  | 167 |
|            |            |      | 3  | 575     | 3   | 145JM       | JM-1           | 4.13     | 9647219205 | A2256NM-3D2P5   | 81  |
|            |            |      |    |         | 5   | 182JM       | JM-1           | 4.88     | 9647219215 | A2256NM-5D2P5   | 96  |
|            |            |      |    |         | 7.5 | 184JM       | JM-1           | 5.50     | 9647219225 | A2256NM-7.5D2P5 | 110 |
|            |            |      |    |         | 10  | 213JM       | JM-2           | 6.00     | 9647219235 | A2256NM-10D2P5  | 173 |
|            |            |      |    |         | 15  | 215JM       | JM-2           | 6.41     | 9647219240 | A2256NM-15D2P5  | 167 |
|            |            | TEFC | 1  | 230     | 3   | 145JM       | JM-1           | 4.13     | 9647218100 | A2256NM-3T2P1   | 95  |
|            |            |      |    |         | 5   | 184JM       | JM-1           | 4.88     | 9647218110 | A2256NM-5T2P1   | 126 |
|            |            |      |    |         | 7.5 | 213JM       | JM-2           | 5.50     | 9647218120 | A2256NM-7.5T2P1 | 157 |
|            |            |      |    |         | 10  | 215JM       | JM-2           | 6.00     | 9647218130 | A2256NM-10T2P1  | 157 |
|            |            |      | 3  | 230/460 | 3   | 182JM       | JM-1           | 4.13     | 9647218105 | A2256NM-3T2P3   | 87  |
|            |            |      |    |         | 5   | 184JM       | JM-1           | 4.88     | 9647218115 | A2256NM-5T2P3   | 112 |
|            |            |      |    |         | 7.5 | 184JM       | JM-1           | 5.50     | 9647218125 | A2256NM-7.5T2P3 | 134 |
|            |            |      |    |         | 7.5 | 213JM       | JM-2           | 5.50     | 9647218126 | A2256NM-7.5T2P3 | 161 |
|            |            |      |    |         | 10  | 215JM       | JM-2           | 6.00     | 9647218135 | A2256NM-10T2P3  | 166 |
|            |            |      |    |         | 15  | 215JM       | JM-2           | 6.41     | 9647218140 | A2256NM-15T2P3  | 205 |
|            |            |      | 3  | 575     | 3   | 145JM       | JM-1           | 4.13     | 9647218205 | A2256NM-3T2P5   | 83  |
|            |            |      |    |         | 5   | 184JM       | JM-1           | 4.88     | 9647218215 | A2256NM-5T2P5   | 107 |
|            |            |      |    |         | 7.5 | 213JM       | JM-2           | 5.50     | 9647218225 | A2256NM-7.5T2P5 | 190 |
|            |            |      |    |         | 10  | 215JM       | JM-2           | 6.00     | 9647218235 | A2256NM-10T2P5  | 154 |
|            |            |      |    |         | 15  | 215JM       | JM-2           | 6.41     | 9647218240 | A2256NM-15T2P5  | 205 |

NOTE: Refer to motor section for specifications.

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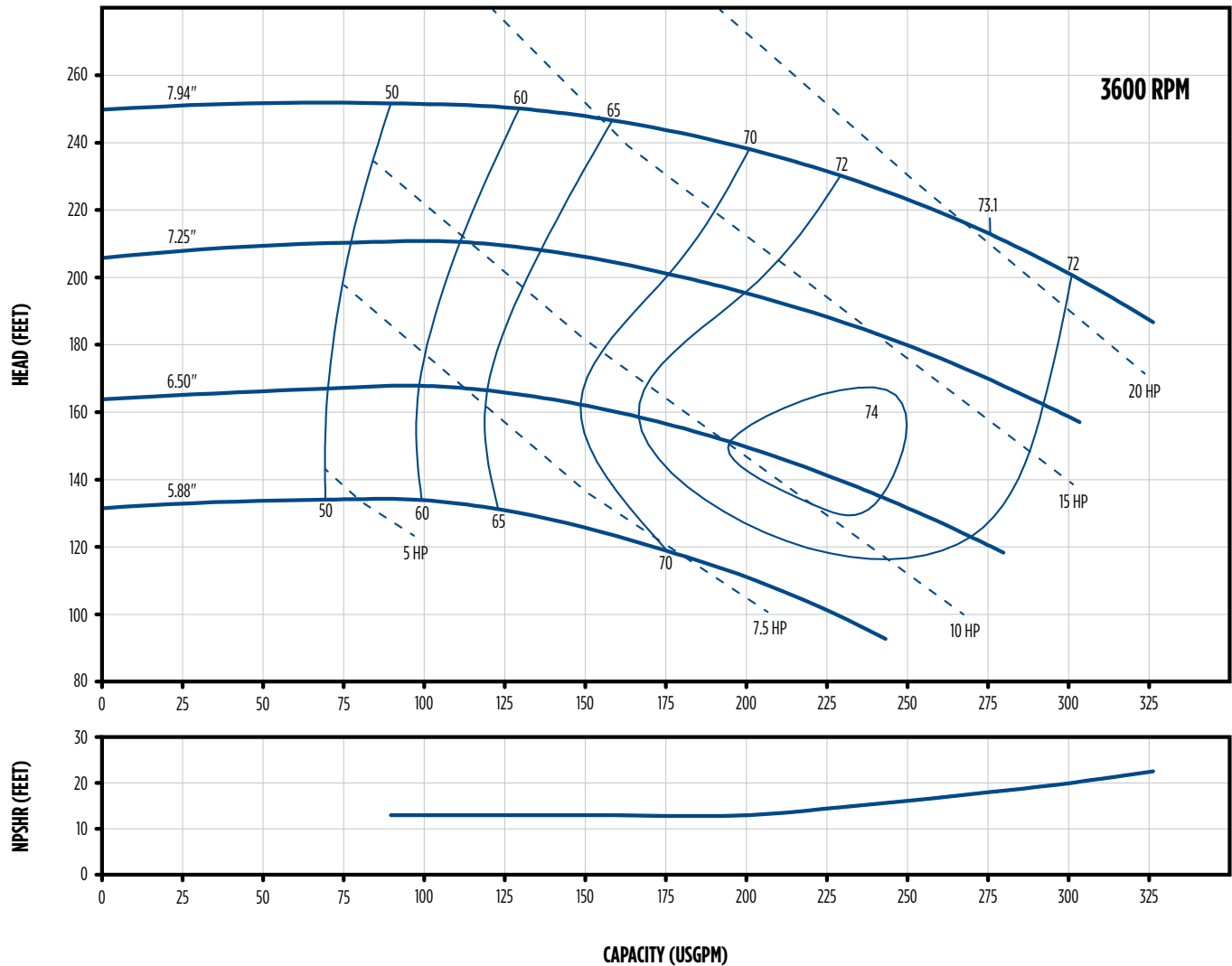
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## PERFORMANCE

A2 X 3 - 8

| Basic Model | PEI <sub>CL</sub> Number |
|-------------|--------------------------|
| A238        | 0.94                     |





# CENTRIFUGAL PUMPS

## CLOSE-COUPLED AG SERIES

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### ORDER INFO

A2 X 3 - 8

| Connection | Seal       | Encl | PH | Voltage | HP  | Motor Frame | Motor Fit Code | Imp Trim | Order No   | Description    | Wt  |
|------------|------------|------|----|---------|-----|-------------|----------------|----------|------------|----------------|-----|
| NPT        | MECHANICAL | ODP  | 1  | 230     | 7.5 | 213JM       | JM-2           | 5.88     | 9650219100 | A238NM-7.5D2P1 | 166 |
|            |            |      |    |         | 10  | 215JM       | JM-2           | 6.50     | 9650219110 | A238NM-10D2P1  | 191 |
|            |            |      | 3  | 230/460 | 7.5 | 184JM       | JM-1           | 5.88     | 9650219105 | A238NM-7.5D2P3 | 125 |
|            |            |      |    |         | 10  | 213JM       | JM-2           | 6.50     | 9650219115 | A238NM-10D2P3  | 170 |
|            |            |      |    |         | 15  | 215JM       | JM-2           | 7.25     | 9650219120 | A238NM-15D2P3  | 181 |
|            |            |      |    |         | 20  | 254JM       | JM-3           | 7.94     | 9650219125 | A238NM-20D2P3  | 245 |
|            |            |      |    |         | 7.5 | 184JM       | JM-1           | 5.88     | 9650219205 | A238NM-7.5D2P5 | 127 |
|            |            |      |    |         | 10  | 213JM       | JM-2           | 6.50     | 9650219215 | A238NM-10D2P5  | 187 |
|            |            |      |    |         | 15  | 215JM       | JM-2           | 7.25     | 9650219220 | A238NM-15D2P5  | 181 |
|            |            |      |    |         | 20  | 254JM       | JM-3           | 7.94     | 9650219225 | A238NM-20D2P5  | 210 |
|            |            | TEFC | 1  | 230     | 7.5 | 213JM       | JM-2           | 5.88     | 9650218100 | A238NM-7.5T2P1 | 171 |
|            |            |      |    |         | 10  | 215JM       | JM-2           | 6.50     | 9650218110 | A238NM-10T2P1  | 171 |
|            |            |      | 3  | 230/460 | 7.5 | 213JM       | JM-2           | 5.88     | 9650218105 | A238NM-7.5T2P3 | 175 |
|            |            |      |    |         | 10  | 215JM       | JM-2           | 6.50     | 9650218115 | A238NM-10T2P3  | 180 |
|            |            |      |    |         | 15  | 215JM       | JM-2           | 7.25     | 9650218120 | A238NM-15T2P3  | 219 |
|            |            |      |    |         | 20  | 256JM       | JM-3           | 7.94     | 9650218125 | A238NM-20T2P3  | 341 |
|            |            |      |    |         | 7.5 | 213JM       | JM-2           | 5.88     | 9650218205 | A238NM-7.5T2P5 | 204 |
|            |            |      |    |         | 10  | 215JM       | JM-2           | 6.50     | 9650218215 | A238NM-10T2P5  | 168 |
|            |            |      |    |         | 15  | 215JM       | JM-2           | 7.25     | 9650218220 | A238NM-15T2P5  | 219 |
|            |            |      |    |         | 20  | 256JM       | JM-3           | 7.94     | 9650218225 | A238NM-20T2P5  | 290 |
|            |            | TEFC | 1  | 230     | 7.5 | 213JM       | JM-2           | 5.88     | 9650229100 | A238FM-7.5D2P1 | 182 |
|            |            |      |    |         | 10  | 215JM       | JM-2           | 6.50     | 9650229110 | A238FM-10D2P1  | 207 |
|            |            |      | 3  | 230/460 | 7.5 | 184JM       | JM-1           | 5.88     | 9650229105 | A238FM-7.5D2P3 | 140 |
|            |            |      |    |         | 10  | 213JM       | JM-2           | 6.50     | 9650229115 | A238FM-10D2P3  | 186 |
|            |            |      |    |         | 15  | 215JM       | JM-2           | 7.25     | 9650229120 | A238FM-15D2P3  | 197 |
|            |            |      |    |         | 20  | 254JM       | JM-3           | 7.94     | 9650229125 | A238FM-20D2P3  | 261 |
|            |            |      |    |         | 7.5 | 184JM       | JM-1           | 5.88     | 9650229205 | A238FM-7.5D2P5 | 142 |
|            |            |      |    |         | 10  | 213JM       | JM-2           | 6.50     | 9650229215 | A238FM-10D2P5  | 203 |
|            |            |      |    |         | 15  | 215JM       | JM-2           | 7.25     | 9650229220 | A238FM-15D2P5  | 197 |
|            |            |      |    |         | 20  | 254JM       | JM-3           | 7.94     | 9650229225 | A238FM-20D2P5  | 226 |
|            |            | TEFC | 1  | 230     | 7.5 | 213JM       | JM-2           | 5.88     | 9650228100 | A238FM-7.5T2P1 | 187 |
|            |            |      |    |         | 10  | 215JM       | JM-2           | 6.50     | 9650228110 | A238FM-10T2P1  | 187 |
|            |            |      | 3  | 230/460 | 7.5 | 213JM       | JM-2           | 5.88     | 9650228105 | A238FM-7.5T2P3 | 191 |
|            |            |      |    |         | 10  | 215JM       | JM-2           | 6.50     | 9650228115 | A238FM-10T2P3  | 196 |
|            |            |      |    |         | 15  | 215JM       | JM-2           | 7.25     | 9650228120 | A238FM-15T2P3  | 235 |
|            |            |      |    |         | 20  | 256JM       | JM-3           | 7.94     | 9650228125 | A238FM-20T2P3  | 357 |
|            |            |      |    |         | 7.5 | 213JM       | JM-2           | 5.88     | 9650228205 | A238FM-7.5T2P5 | 220 |
|            |            |      |    |         | 10  | 215JM       | JM-2           | 6.50     | 9650228215 | A238FM-10T2P5  | 184 |
|            |            |      |    |         | 15  | 215JM       | JM-2           | 7.25     | 9650228220 | A238FM-15T2P5  | 235 |
|            |            |      |    |         | 20  | 256JM       | JM-3           | 7.94     | 9650228225 | A238FM-20T2P5  | 306 |

NOTE: Refer to motor section for specifications.

# CENTRIFUGAL PUMPS

CLOSE-COUPLED AG SERIES

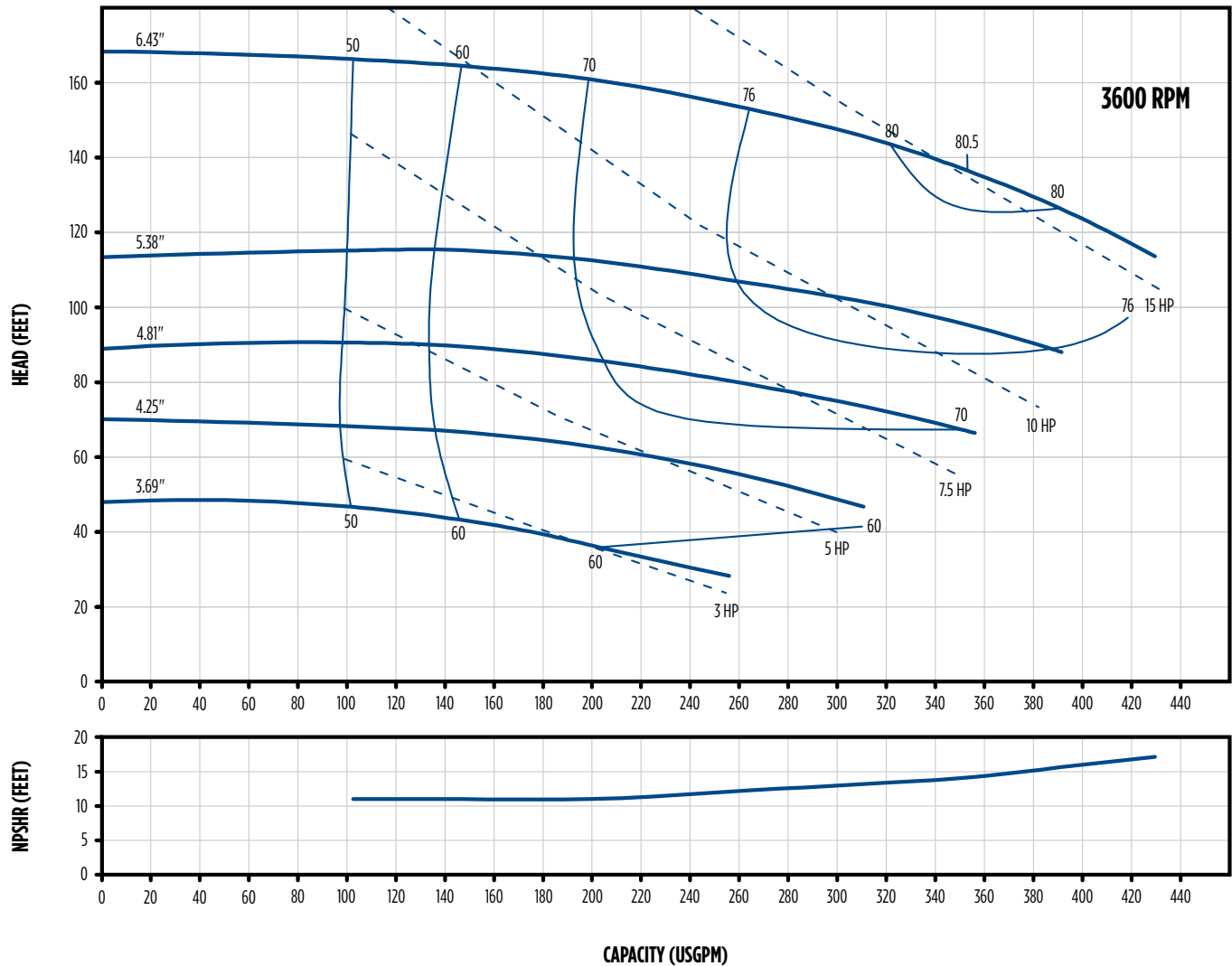
☰ MENU



## PERFORMANCE

A2.5 X 3 - 6

| Basic Model | PEI <sub>CL</sub> Number |
|-------------|--------------------------|
| A2536       | 0.98                     |



# CENTRIFUGAL PUMPS

CLOSE-COUPLED AG SERIES

☰ MENU



## ORDER INFO

A2.5 X 3 - 6

| Connection | Seal       | Encl | PH | Voltage | HP  | Motor Frame | Motor Fit Code | Imp Trim | Order No   | Description     | Wt  |
|------------|------------|------|----|---------|-----|-------------|----------------|----------|------------|-----------------|-----|
| NPT        | MECHANICAL | ODP  | 1  | 230     | 3   | 182JM       | JM-1           | 3.69     | 9653219100 | A2536NM-3D2P1   | 110 |
|            |            |      |    |         | 5   | 184JM       | JM-1           | 4.25     | 9653219110 | A2536NM-5D2P1   | 122 |
|            |            |      |    |         | 7.5 | 213JM       | JM-2           | 4.81     | 9653219120 | A2536NM-7.5D2P1 | 161 |
|            |            |      |    |         | 10  | 215JM       | JM-2           | 5.38     | 9653219130 | A2536NM-10D2P1  | 186 |
|            |            |      | 3  | 230/460 | 3   | 145JM       | JM-1           | 3.69     | 9653219105 | A2536NM-3D2P3   | 90  |
|            |            |      |    |         | 5   | 182JM       | JM-1           | 4.25     | 9653219115 | A2536NM-5D2P3   | 105 |
|            |            |      |    |         | 7.5 | 184JM       | JM-1           | 4.81     | 9653219125 | A2536NM-7.5D2P3 | 116 |
|            |            |      |    |         | 10  | 213JM       | JM-2           | 5.38     | 9653219135 | A2536NM-10D2P3  | 165 |
|            |            |      | 3  | 575     | 15  | 215JM       | JM-2           | 6.44     | 9653219140 | A2536NM-15D2P3  | 176 |
|            |            |      |    |         | 3   | 145JM       | JM-1           | 3.69     | 9653219205 | A2536NM-3D2P5   | 89  |
|            |            |      |    |         | 5   | 182JM       | JM-1           | 4.25     | 9653219215 | A2536NM-5D2P5   | 104 |
|            |            |      |    |         | 7.5 | 184JM       | JM-1           | 4.81     | 9653219225 | A2536NM-7.5D2P5 | 118 |
|            |            |      |    |         | 10  | 213JM       | JM-2           | 5.38     | 9653219235 | A2536NM-10D2P5  | 182 |
|            |            |      |    |         | 15  | 215JM       | JM-2           | 6.44     | 9653219240 | A2536NM-15D2P5  | 176 |
|            |            | TEFC | 1  | 230     | 3   | 145JM       | JM-1           | 3.69     | 9653218100 | A2536NM-3T2P1   | 120 |
|            |            |      |    |         | 5   | 184JM       | JM-1           | 4.25     | 9653218110 | A2536NM-5T2P1   | 134 |
|            |            |      |    |         | 7.5 | 213JM       | JM-2           | 4.81     | 9653218120 | A2536NM-7.5T2P1 | 166 |
|            |            |      |    |         | 10  | 215JM       | JM-2           | 5.38     | 9653218130 | A2536NM-10T2P1  | 166 |
|            |            |      | 3  | 230/460 | 3   | 182JM       | JM-1           | 3.69     | 9653218105 | A2536NM-3T2P3   | 95  |
|            |            |      |    |         | 5   | 184JM       | JM-1           | 4.25     | 9653218115 | A2536NM-5T2P3   | 120 |
|            |            |      |    |         | 7.5 | 213JM       | JM-2           | 4.81     | 9653218125 | A2536NM-7.5T2P3 | 170 |
|            |            |      |    |         | 10  | 215JM       | JM-2           | 5.38     | 9653218135 | A2536NM-10T2P3  | 175 |
|            |            |      | 3  | 575     | 15  | 215JM       | JM-2           | 6.44     | 9653218140 | A2536NM-15T2P3  | 214 |
|            |            |      |    |         | 3   | 145JM       | JM-1           | 3.69     | 9653218205 | A2536NM-3T2P5   | 91  |
|            |            |      |    |         | 5   | 184JM       | JM-1           | 4.25     | 9653218215 | A2536NM-5T2P5   | 115 |
|            |            |      |    |         | 7.5 | 213JM       | JM-2           | 4.81     | 9653218225 | A2536NM-7.5T2P5 | 199 |
|            |            |      |    |         | 10  | 215JM       | JM-2           | 5.38     | 9653218235 | A2536NM-10T2P5  | 163 |
|            |            |      |    |         | 15  | 215JM       | JM-2           | 6.44     | 9653218240 | A2536NM-15T2P5  | 214 |

NOTE: Refer to motor section for specifications.

# CENTRIFUGAL PUMPS

CLOSE-COUPLED AG SERIES

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## ORDER INFO

A2.5 X 3 - 6

| Connection | Seal       | Encl | PH | Voltage | HP  | Motor Frame | Motor Fit Code | Imp Trim | Order No   | Description     | Wt  |
|------------|------------|------|----|---------|-----|-------------|----------------|----------|------------|-----------------|-----|
| FLANGED    | MECHANICAL | ODP  | 1  | 230     | 3   | 182JM       | JM-1           | 3.69     | 9653229100 | A2536FM-3D2P1   | 124 |
|            |            |      |    |         | 5   | 184JM       | JM-1           | 4.25     | 9653229110 | A2536FM-5D2P1   | 136 |
|            |            |      |    |         | 7.5 | 213JM       | JM-2           | 4.81     | 9653229120 | A2536FM-7.5D2P1 | 174 |
|            |            |      |    |         | 10  | 215JM       | JM-2           | 5.38     | 9653229130 | A2536FM-10D2P1  | 199 |
|            |            |      | 3  | 230/460 | 3   | 145JM       | JM-1           | 3.69     | 9653229105 | A2536FM-3D2P3   | 104 |
|            |            |      |    |         | 5   | 182JM       | JM-1           | 4.25     | 9653229115 | A2536FM-5D2P3   | 119 |
|            |            |      |    |         | 7.5 | 184JM       | JM-1           | 4.81     | 9653229125 | A2536FM-7.5D2P3 | 130 |
|            |            |      |    |         | 10  | 213JM       | JM-2           | 5.38     | 9653229135 | A2536FM-10D2P3  | 178 |
|            |            |      |    |         | 15  | 215JM       | JM-2           | 6.44     | 9653229140 | A2536FM-15D2P3  | 189 |
|            |            |      | 3  | 575     | 3   | 145JM       | JM-1           | 3.69     | 9653229205 | A2536FM-3D2P5   | 103 |
|            |            |      |    |         | 5   | 182JM       | JM-1           | 4.25     | 9653229215 | A2536FM-5D2P5   | 118 |
|            |            |      |    |         | 7.5 | 184JM       | JM-1           | 4.81     | 9653229225 | A2536FM-7.5D2P5 | 132 |
|            |            |      |    |         | 10  | 213JM       | JM-2           | 5.38     | 9653229235 | A2536FM-10D2P5  | 195 |
|            |            |      |    |         | 15  | 215JM       | JM-2           | 6.44     | 9653229240 | A2536FM-15D2P5  | 189 |
|            |            | TEFC | 1  | 230     | 3   | 145JM       | JM-1           | 3.69     | 9653228100 | A2536FM-3T2P1   | 134 |
|            |            |      |    |         | 5   | 184JM       | JM-1           | 4.25     | 9653228110 | A2536FM-5T2P1   | 148 |
|            |            |      |    |         | 7.5 | 213JM       | JM-2           | 4.81     | 9653228120 | A2536FM-7.5T2P1 | 179 |
|            |            |      |    |         | 10  | 215JM       | JM-2           | 5.38     | 9653228130 | A2536FM-10T2P1  | 179 |
|            |            |      | 3  | 230/460 | 3   | 182JM       | JM-1           | 3.69     | 9653228105 | A2536FM-3T2P3   | 109 |
|            |            |      |    |         | 5   | 184JM       | JM-1           | 4.25     | 9653228115 | A2536FM-5T2P3   | 134 |
|            |            |      |    |         | 7.5 | 213JM       | JM-2           | 4.81     | 9653228125 | A2536FM-7.5T2P3 | 183 |
|            |            |      |    |         | 10  | 215JM       | JM-2           | 5.38     | 9653228135 | A2536FM-10T2P3  | 188 |
|            |            |      |    |         | 15  | 215JM       | JM-2           | 6.44     | 9653228140 | A2536FM-15T2P3  | 227 |
|            |            |      | 3  | 575     | 3   | 145JM       | JM-1           | 3.69     | 9653228205 | A2536FM-3T2P5   | 105 |
|            |            |      |    |         | 5   | 184JM       | JM-1           | 4.25     | 9653228215 | A2536FM-5T2P5   | 129 |
|            |            |      |    |         | 7.5 | 213JM       | JM-2           | 4.81     | 9653228225 | A2536FM-7.5T2P5 | 212 |
|            |            |      |    |         | 10  | 215JM       | JM-2           | 5.38     | 9653228235 | A2536FM-10T2P5  | 176 |
|            |            |      |    |         | 15  | 215JM       | JM-2           | 6.44     | 9653228240 | A2536FM-15T2P5  | 227 |

NOTE: Refer to motor section for specifications.

# CENTRIFUGAL PUMPS

CLOSE-COUPLED AG SERIES

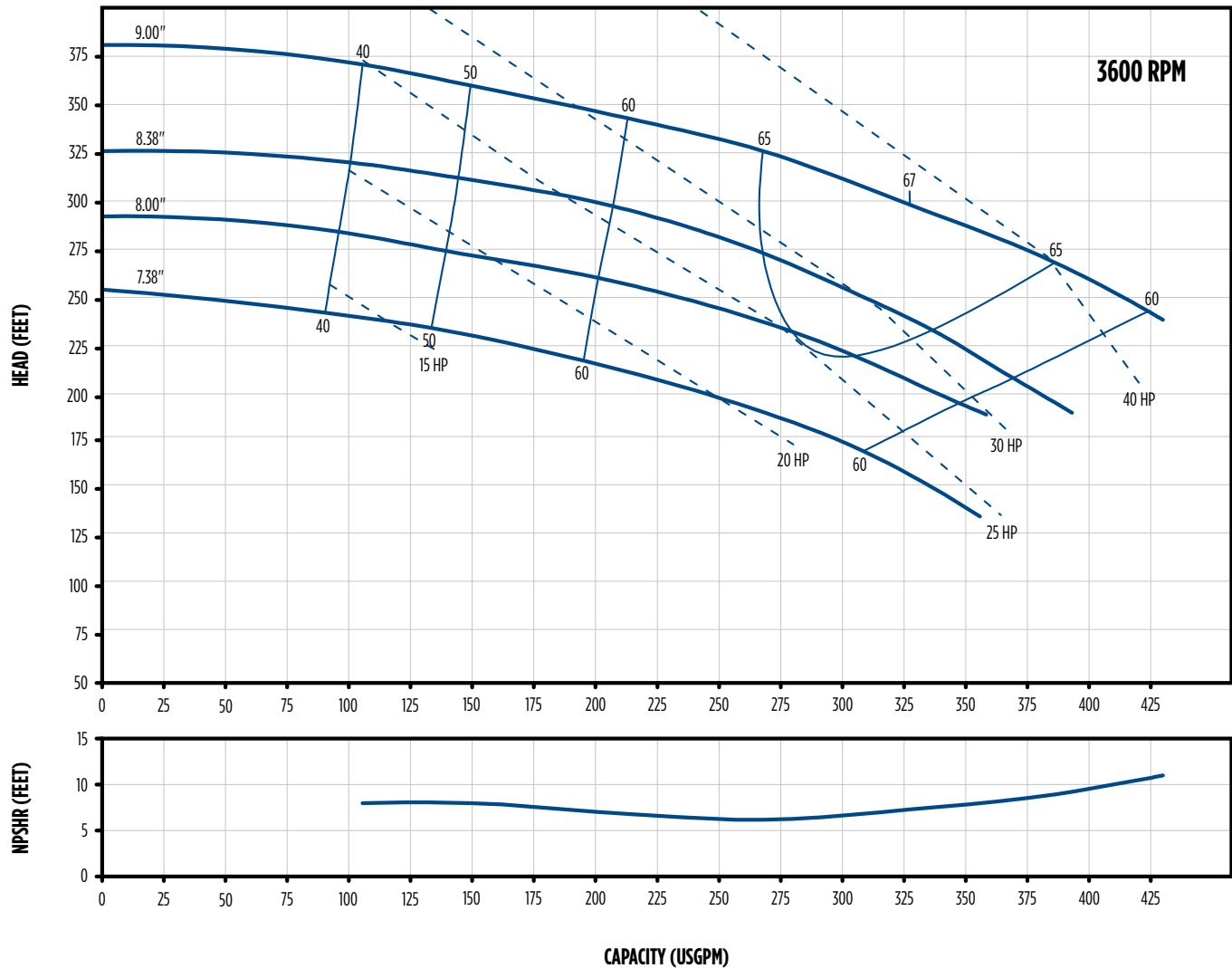
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## PERFORMANCE

A2.5 X 4 - 10

| Basic Model | PEI <sub>CL</sub> Number |
|-------------|--------------------------|
| A25410      | 0.99                     |



# CENTRIFUGAL PUMPS

## CLOSE-COUPLED AG SERIES

☰ MENU



### ORDER INFO

A2.5 X 4 - 10

| Connection | Seal       | Endl | PH | Voltage | HP | Motor Frame | Motor Fit Code | Imp Trim | Order No   | Description     | Wt  |
|------------|------------|------|----|---------|----|-------------|----------------|----------|------------|-----------------|-----|
| NPT        | MECHANICAL | ODP  | 3  | 230/460 | 20 | 254JM       | JM-3           | 7.38     | 9654219105 | A25410NM-20D2P3 | 301 |
|            |            |      |    |         | 25 | 256JM       | JM-3           | 8.00     | 9654219110 | A25410NM-25D2P3 | 323 |
|            |            |      |    |         | 30 | 284JM       | JM-4           | 8.38     | 9654219115 | A25410NM-30D2P3 | 425 |
|            |            |      |    |         | 40 | 286JM       | JM-4           | 9.00     | 9654219120 | A25410NM-40D2P3 | 533 |
|            |            |      | 3  | 575     | 20 | 254JM       | JM-3           | 7.38     | 9654219205 | A25410NM-20D2P5 | 266 |
|            |            |      |    |         | 25 | 256JM       | JM-3           | 8.00     | 9654219210 | A25410NM-25D2P5 | 335 |
|            |            |      |    |         | 30 | 284JM       | JM-4           | 8.38     | 9654219215 | A25410NM-30D2P5 | 480 |
|            |            |      |    |         | 40 | 286JM       | JM-4           | 9.00     | 9654219220 | A25410NM-40D2P5 | 525 |
|            |            | TEFC | 3  | 230/460 | 20 | 256JM       | JM-3           | 7.38     | 9654218105 | A25410NM-20T2P3 | 397 |
|            |            |      |    |         | 25 | 284JM       | JM-4           | 8.00     | 9654218110 | A25410NM-25T2P3 | 469 |
|            |            |      |    |         | 30 | 286JM       | JM-4           | 8.38     | 9654218115 | A25410NM-30T2P3 | 522 |
|            |            |      |    |         | 40 | 324JM       | JM-4           | 9.00     | 9654218120 | A25410NM-40T2P3 | 603 |
|            |            |      | 3  | 575     | 20 | 256JM       | JM-3           | 7.38     | 9654218205 | A25410NM-20T2P5 | 346 |
|            |            |      |    |         | 25 | 284JM       | JM-4           | 8.00     | 9654218210 | A25410NM-25T2P5 | 478 |
|            |            |      |    |         | 30 | 286JM       | JM-4           | 8.38     | 9654218215 | A25410NM-30T2P5 | 535 |
|            |            |      |    |         | 40 | 324JM       | JM-4           | 9.00     | 9654218220 | A25410NM-40T2P5 | 623 |
| FLANGED    | MECHANICAL | ODP  | 3  | 230/460 | 20 | 254JM       | JM-3           | 7.38     | 9654229105 | A25410FM-20D2P3 | 301 |
|            |            |      |    |         | 25 | 256JM       | JM-3           | 8.00     | 9654229110 | A25410FM-25D2P3 | 323 |
|            |            |      |    |         | 30 | 284JM       | JM-4           | 8.38     | 9654229115 | A25410FM-30D2P3 | 425 |
|            |            |      |    |         | 40 | 286JM       | JM-4           | 9.00     | 9654229120 | A25410FM-40D2P3 | 533 |
|            |            |      | 3  | 575     | 20 | 254JM       | JM-3           | 7.38     | 9654229205 | A25410FM-20D2P5 | 266 |
|            |            |      |    |         | 25 | 256JM       | JM-3           | 8.00     | 9654229210 | A25410FM-25D2P5 | 335 |
|            |            |      |    |         | 30 | 284JM       | JM-4           | 8.38     | 9654229215 | A25410FM-30D2P5 | 480 |
|            |            |      |    |         | 40 | 286JM       | JM-4           | 9.00     | 9654229220 | A25410FM-40D2P5 | 525 |
|            |            | TEFC | 3  | 230/460 | 20 | 256JM       | JM-3           | 7.38     | 9654228105 | A25410FM-20T2P3 | 397 |
|            |            |      |    |         | 25 | 284JM       | JM-4           | 8.00     | 9654228110 | A25410FM-25T2P3 | 469 |
|            |            |      |    |         | 30 | 286JM       | JM-4           | 8.38     | 9654228115 | A25410FM-30T2P3 | 522 |
|            |            |      |    |         | 40 | 324JM       | JM-4           | 9.00     | 9654228120 | A25410FM-40T2P3 | 603 |
|            |            |      | 3  | 575     | 20 | 256JM       | JM-3           | 7.38     | 9654228205 | A25410FM-20T2P5 | 346 |
|            |            |      |    |         | 25 | 284JM       | JM-4           | 8.00     | 9654228210 | A25410FM-25T2P5 | 478 |
|            |            |      |    |         | 30 | 286JM       | JM-4           | 8.38     | 9654228215 | A25410FM-30T2P5 | 535 |
|            |            |      |    |         | 40 | 324JM       | JM-4           | 9.00     | 9654228220 | A25410FM-40T2P5 | 623 |

NOTE: Refer to motor section for specifications.

# CENTRIFUGAL PUMPS

CLOSE-COUPLED AG SERIES

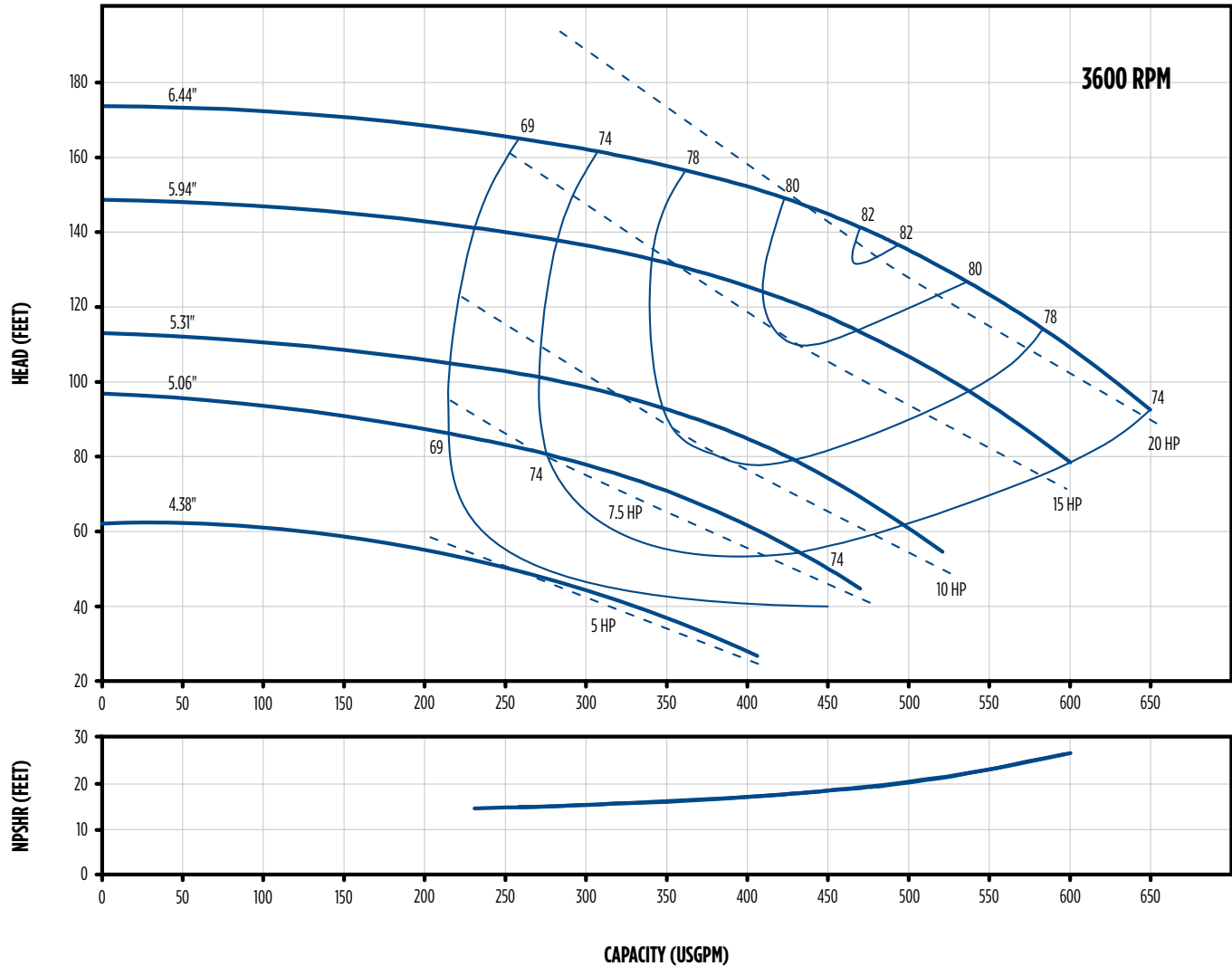
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## PERFORMANCE

A3 X 4 - 6

| Basic Model | PEI <sub>CL</sub> Number |
|-------------|--------------------------|
| A346        | 0.98                     |



# CENTRIFUGAL PUMPS

## CLOSE-COUPLED AG SERIES

≡ MENU



### ORDER INFO

A3 X 4 - 6

| Connection | Seal       | Encl | PH      | Voltage | HP      | Motor Frame | Motor Fit Code | Imp Trim | Order No   | Description    | Wt             |            |                |     |
|------------|------------|------|---------|---------|---------|-------------|----------------|----------|------------|----------------|----------------|------------|----------------|-----|
| NPT        | MECHANICAL | ODP  | 1       | 230     | 5       | 184JM       | JM-1           | 4.38     | 9648219130 | A346NM-5D2P1   | 167            |            |                |     |
|            |            |      |         |         | 7.5     | 213JM       | JM-2           | 5.06     | 9648219100 | A346NM-7.5D2P1 | 174            |            |                |     |
|            |            |      |         |         | 10      | 215JM       | JM-2           | 5.31     | 9648219110 | A346NM-10D2P1  | 199            |            |                |     |
|            |            |      | 3       | 230/460 | 5       | 182JM       | JM-1           | 4.38     | 9648219135 | A346NM-5D2P3   | 119            |            |                |     |
|            |            |      |         |         | 7.5     | 184JM       | JM-1           | 5.06     | 9648219105 | A346NM-7.5D2P3 | 130            |            |                |     |
|            |            |      |         |         | 10      | 213JM       | JM-2           | 5.31     | 9648219115 | A346NM-10D2P3  | 178            |            |                |     |
|            |            |      |         |         | 15      | 215JM       | JM-2           | 5.94     | 9648219120 | A346NM-15D2P3  | 189            |            |                |     |
|            |            |      |         |         | 20      | 254JM       | JM-3           | 6.44     | 9648219125 | A346NM-20D2P3  | 246            |            |                |     |
|            |            |      |         |         | 7.5     | 184JM       | JM-1           | 5.06     | 9648219205 | A346NM-7.5D2P5 | 132            |            |                |     |
|            |            |      | 3       | 575     | 10      | 213JM       | JM-2           | 5.31     | 9648219215 | A346NM-10D2P5  | 195            |            |                |     |
|            |            |      |         |         | 15      | 215JM       | JM-2           | 5.94     | 9648219220 | A346NM-15D2P5  | 189            |            |                |     |
|            |            |      |         |         | 20      | 254JM       | JM-3           | 6.44     | 9648219225 | A346NM-20D2P5  | 211            |            |                |     |
|            |            | TEFC | 230/460 | 1       | 230     | 5           | 184JM          | JM-1     | 4.38       | 9648218130     | A346NM-5T2P1   | 148        |                |     |
|            |            |      |         |         |         | 7.5         | 213JM          | JM-2     | 5.06       | 9648218100     | A346NM-7.5T2P1 | 179        |                |     |
|            |            |      |         |         |         | 10          | 215JM          | JM-2     | 5.31       | 9648218110     | A346NM-10T2P1  | 179        |                |     |
|            |            |      |         | 3       | 230/460 | 5           | 182JM          | JM-1     | 4.38       | 9648219135     | A346NM-5T2P3   | 134        |                |     |
|            |            |      |         |         |         | 7.5         | 184JM          | JM-1     | 5.06       | 9648218105     | A346NM-7.5T2P3 | 156        |                |     |
|            |            |      |         |         |         | 7.5         | 213JM          | JM-2     | 5.06       | 9648218106     | A346NM-7.5T2P3 | 283        |                |     |
|            |            |      |         |         |         | 10          | 215JM          | JM-2     | 5.31       | 9648218115     | A346NM-10T2P3  | 188        |                |     |
|            |            |      |         |         |         | 15          | 215JM          | JM-2     | 5.94       | 9648218120     | A346NM-15T2P3  | 227        |                |     |
|            |            |      |         |         |         | 20          | 256JM          | JM-3     | 6.44       | 9648218125     | A346NM-20T2P3  | 342        |                |     |
|            |            |      |         |         |         | 5           | 184JM          | JM-1     | 4.38       | 9648218235     | A346NM-5T2P5   | 129        |                |     |
|            |            |      |         | 3       | 575     | 7.5         | 213JM          | JM-2     | 5.06       | 9648218205     | A346NM-7.5T2P5 | 212        |                |     |
|            |            |      |         |         |         | 10          | 215JM          | JM-2     | 5.31       | 9648218215     | A346NM-10T2P5  | 176        |                |     |
|            |            |      |         |         |         | 15          | 215JM          | JM-2     | 5.94       | 9648218220     | A346NM-15T2P5  | 227        |                |     |
|            |            |      |         |         |         | 20          | 256JM          | JM-3     | 6.44       | 9648218225     | A346NM-20T2P5  | 291        |                |     |
|            |            |      |         |         |         | 7.5         | 213JM          | JM-2     | 5.06       | 9648229100     | A346FM-7.5D2P1 | 183        |                |     |
|            |            |      |         | ODP     | 230/460 | 1           | 230            | 10       | 215JM      | JM-2           | 5.31           | 9648229110 | A346FM-10D2P1  | 208 |
|            |            |      |         |         |         |             |                | 7.5      | 184JM      | JM-1           | 5.06           | 9648229105 | A346FM-7.5D2P3 | 139 |
|            |            |      |         |         |         | 3           | 230/460        | 10       | 213JM      | JM-2           | 5.31           | 9648229115 | A346FM-10D2P3  | 187 |
|            |            |      |         |         |         |             |                | 15       | 215JM      | JM-2           | 5.94           | 9648229120 | A346FM-15D2P3  | 198 |
|            |            |      |         |         |         |             |                | 20       | 254JM      | JM-3           | 6.44           | 9648229125 | A346FM-20D2P3  | 255 |
|            |            | 7.5  | 184JM   |         |         |             |                | JM-1     | 5.06       | 9648229205     | A346FM-7.5D2P5 | 141        |                |     |
|            |            | 3    | 575     |         |         | 10          | 213JM          | JM-2     | 5.31       | 9648229215     | A346FM-10D2P5  | 204        |                |     |
|            |            |      |         |         |         | 15          | 215JM          | JM-2     | 5.94       | 9648229220     | A346FM-15D2P5  | 198        |                |     |
|            |            |      |         |         |         | 20          | 254JM          | JM-3     | 6.44       | 9648229225     | A346FM-20D2P5  | 220        |                |     |
|            |            |      |         |         |         | 7.5         | 213JM          | JM-2     | 5.06       | 9648228100     | A346FM-7.5T2P1 | 188        |                |     |
|            |            |      |         |         |         | 10          | 215JM          | JM-2     | 5.31       | 9648228110     | A346FM-10T2P1  | 188        |                |     |
|            |            | TEFC | 230/460 | 1       | 230     | 7.5         | 184JM          | JM-1     | 5.06       | 9648228105     | A346FM-7.5T2P3 | 165        |                |     |
|            |            |      |         |         |         | 7.5         | 213JM          | JM-2     | 5.06       | 9648228106     | A346FM-7.5T2P3 | 182        |                |     |
|            |            |      |         |         |         | 10          | 215JM          | JM-2     | 5.31       | 9648228115     | A346FM-10T2P3  | 1197       |                |     |
|            |            |      |         | 3       | 230/460 | 15          | 215JM          | JM-2     | 5.94       | 9648228120     | A346FM-15T2P3  | 236        |                |     |
|            |            |      |         |         |         | 20          | 256JM          | JM-3     | 6.44       | 9648228125     | A346FM-20T2P3  | 351        |                |     |
|            |            |      |         |         |         | 7.5         | 213JM          | JM-2     | 5.06       | 9648228205     | A346FM-7.5T2P5 | 221        |                |     |
|            |            |      |         |         |         | 10          | 215JM          | JM-2     | 5.31       | 9648228215     | A346FM-10T2P5  | 185        |                |     |
|            |            |      |         | 3       | 575     | 15          | 215JM          | JM-2     | 5.94       | 9648228220     | A346FM-15T2P5  | 236        |                |     |
|            |            |      |         |         |         | 20          | 256JM          | JM-3     | 6.44       | 9648228225     | A346FM-20T2P5  | 300        |                |     |

NOTE: Refer to motor section for specifications.



# CENTRIFUGAL PUMPS

## CLOSE-COUPLED AG SERIES

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### ORDER INFO

A3 X 4 - 6

| Connection | Seal    | Encl | PH  | Voltage | HP    | Motor Frame | Motor Fit Code | Imp Trim   | Order No      | Description    | Wt             |                |
|------------|---------|------|-----|---------|-------|-------------|----------------|------------|---------------|----------------|----------------|----------------|
| NPT        | PACKING | ODP  | 1   | 230     | 7.5   | 213JP       | JP-2           | 5.06       | 9648119100    | A346NP-7.5D2P1 | 189            |                |
|            |         |      |     |         | 10    | 215JP       | JP-2           | 5.31       | 9648119110    | A346NP-10D2P1  | 189            |                |
|            |         |      | 3   | 230/460 | 7.5   | 184JP       | JP-1           | 5.06       | 9648119105    | A346NP-7.5D2P3 | 117            |                |
|            |         |      |     |         | 10    | 213JP       | JP-2           | 5.31       | 9648119115    | A346NP-10D2P3  | 163            |                |
|            |         |      |     |         | 15    | 215JP       | JP-2           | 5.94       | 9648119120    | A346NP-15D2P3  | 196            |                |
|            |         |      |     |         | 20    | 254JP       | JP-2           | 6.44       | 9648119125    | A346NP-20D2P3  | 247            |                |
|            |         |      | 3   | 575     | 7.5   | 184JP       | JP-1           | 5.06       | 9648119205    | A346NP-7.5D2P5 | 127            |                |
|            |         |      |     |         | 10    | 213JP       | JP-2           | 5.31       | 9648119215    | A346NP-10D2P5  | 185            |                |
|            |         | 15   |     |         | 215JP | JP-2        | 5.94           | 9648119220 | A346NP-15D2P5 | 199            |                |                |
|            |         | 20   |     |         | 254JP | JP-2        | 6.44           | 9648119225 | A346NP-20D2P5 | 219            |                |                |
|            |         | TEFC | 1   | 230     | 7.5   | 213JP       | JP-2           | 5.06       | 9648118100    | A346NP-7.5T2P1 | 211            |                |
|            |         |      |     |         | 10    | 215JP       | JP-2           | 5.31       | 9648118110    | A346NP-10T2P1  | 223            |                |
|            |         |      | 3   | 230/460 | 7.5   | 213JP       | JP-2           | 5.06       | 9648118105    | A346NP-7.5T2P3 | 150            |                |
|            |         |      |     |         | 10    | 215JP       | JP-2           | 5.31       | 9648118115    | A346NP-10T2P3  | 126            |                |
|            |         |      |     |         | 15    | 215JP       | JP-2           | 5.94       | 9648118120    | A346NP-15T2P3  | 126            |                |
|            |         |      |     |         | 20    | 256JP       | JP-2           | 6.44       | 9648118125    | A346NP-20T2P3  | 333            |                |
|            |         |      | 3   | 575     | 7.5   | 213JP       | JP-2           | 5.06       | 9648118205    | A346NP-7.5T2P5 | 207            |                |
|            |         |      |     |         | 10    | 215JP       | JP-2           | 5.31       | 9648118215    | A346NP-10T2P5  | 231            |                |
|            |         |      |     |         | 15    | 254JP       | JP-2           | 5.94       | 9648118220    | A346NP-15T2P5  | 304            |                |
|            |         |      |     |         | 20    | 256JP       | JP-2           | 6.44       | 9648118225    | A346NP-20T2P5  | 337            |                |
| FLANGED    | PACKING |      | ODP | 1       | 230   | 7.5         | 213JP          | JP-2       | 5.06          | 9648129100     | A346FP-7.5D2P1 | 200            |
|            |         |      |     |         |       | 10          | 215JP          | JP-2       | 5.31          | 9648129110     | A346FP-10D2P1  | 200            |
|            |         | 3    |     |         |       | 230/460     | 7.5            | 184JP      | JP-1          | 5.06           | 9648129105     | A346FP-7.5D2P3 |
|            |         |      |     | 10      | 213JP |             | JP-2           | 5.31       | 9648129115    | A346FP-10D2P3  | 174            |                |
|            |         |      |     | 15      | 215JP |             | JP-2           | 5.94       | 9648129120    | A346FP-15D2P3  | 207            |                |
|            |         |      |     | 20      | 254JP |             | JP-2           | 6.44       | 9648129125    | A346FP-20D2P3  | 258            |                |
|            |         | 3    |     | 575     | 7.5   | 184JP       | JP-1           | 5.06       | 9648129205    | A346FP-7.5D2P5 | 137            |                |
|            |         |      |     |         | 10    | 213JP       | JP-2           | 5.31       | 9648129215    | A346FP-10D2P5  | 196            |                |
|            |         |      | 15  |         | 215JP | JP-2        | 5.94           | 9648129220 | A346FP-15D2P5 | 210            |                |                |
|            |         |      | 20  |         | 254JP | JP-2        | 6.44           | 9648129225 | A346FP-20D2P5 | 230            |                |                |
|            |         | TEFC | 1   | 230     | 7.5   | 213JP       | JP-2           | 5.06       | 9648128100    | A346FP-7.5T2P1 | 222            |                |
|            |         |      |     |         | 10    | 215JP       | JP-2           | 5.31       | 9648128110    | A346FP-10T2P1  | 234            |                |
|            |         |      | 3   | 230/460 | 7.5   | 213JP       | JP-2           | 5.06       | 9648128105    | A346FP-7.5T2P3 | 160            |                |
|            |         |      |     |         | 10    | 215JP       | JP-2           | 5.31       | 9648128115    | A346FP-10T2P3  | 126            |                |
|            |         |      |     |         | 15    | 215JP       | JP-2           | 5.94       | 9648128120    | A346FP-15T2P3  | 126            |                |
|            |         |      |     |         | 20    | 256JP       | JP-2           | 6.44       | 9648128125    | A346FP-20T2P3  | 344            |                |
|            |         |      | 3   | 575     | 7.5   | 213JP       | JP-2           | 5.06       | 9648128205    | A346FP-7.5T2P5 | 218            |                |
|            |         |      |     |         | 10    | 215JP       | JP-2           | 5.31       | 9648128215    | A346FP-10T2P5  | 242            |                |
|            |         |      |     |         | 15    | 254JP       | JP-2           | 5.94       | 9648128220    | A346FP-15T2P5  | 315            |                |
|            |         |      |     |         | 20    | 256JP       | JP-2           | 6.44       | 9648128225    | A346FP-20T2P5  | 348            |                |

NOTE: Refer to motor section for specifications.

# CENTRIFUGAL PUMPS

CLOSE-COUPLED AG SERIES

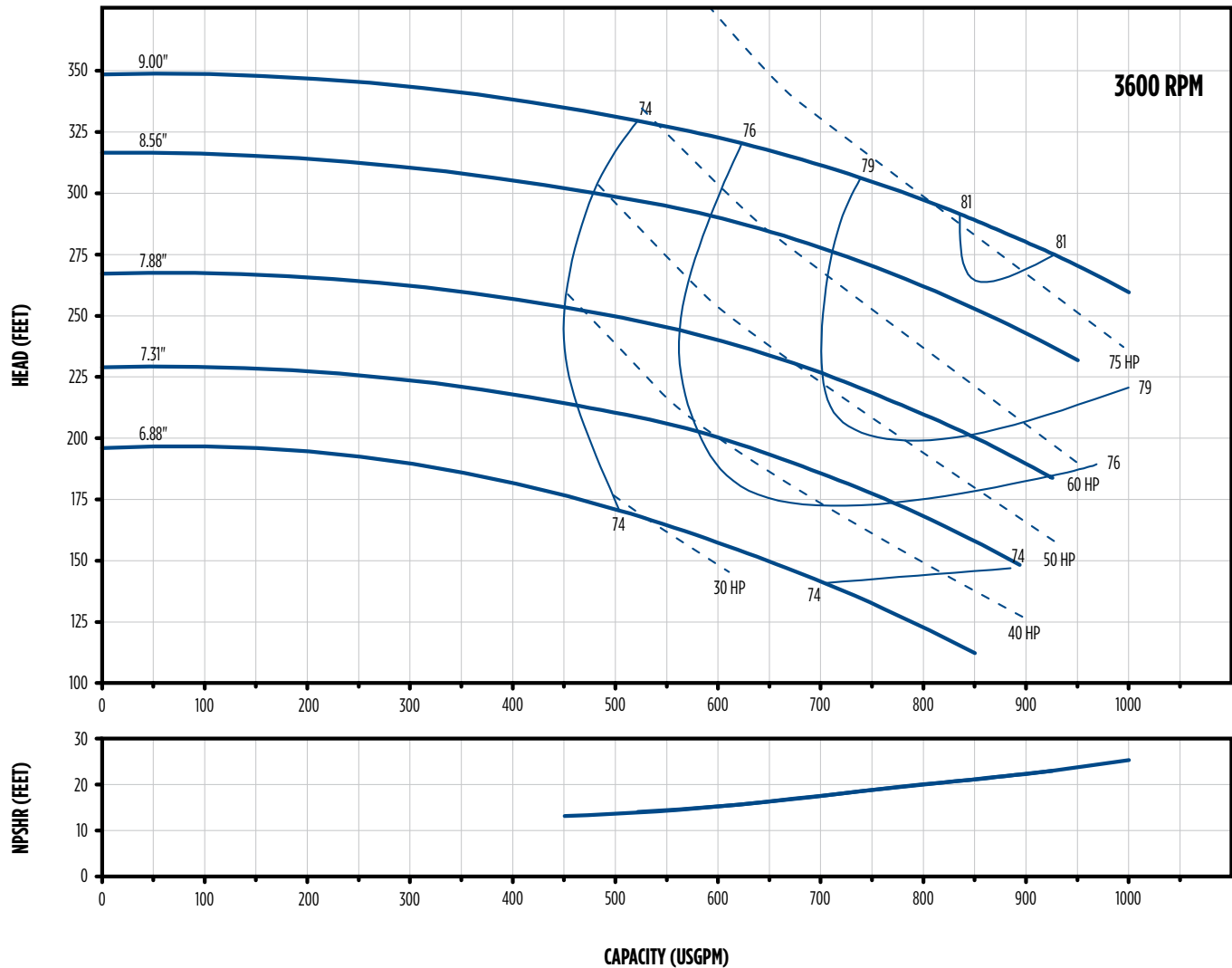
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## PERFORMANCE

A3 X 4 - 9

| Basic Model | PEI <sub>CL</sub> Number |
|-------------|--------------------------|
| A349        | 0.97                     |



# CENTRIFUGAL PUMPS

CLOSE-COUPLED AG SERIES

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## ORDER INFO

A3 X 4 - 9

| Connection | Seal       | Endl | PH | Voltage | HP | Motor Frame | Motor Fit Code | Imp Trim | Order No   | Description   | Wt  |
|------------|------------|------|----|---------|----|-------------|----------------|----------|------------|---------------|-----|
| NPT        | MECHANICAL | ODP  | 3  | 230/460 | 30 | 284JM       | JM-4           | 6.88     | 9649219100 | A349NM-30D2P3 | 372 |
|            |            |      |    |         | 40 | 286JM       | JM-4           | 7.31     | 9649219105 | A349NM-40D2P3 | 480 |
|            |            |      |    |         | 50 | 324JM       | JM-4           | 7.88     | 9649219110 | A349NM-50D2P3 | 484 |
|            |            |      |    |         | 60 | 326JM       | JM-4           | 8.56     | 9649219115 | A349NM-60D2P3 | 714 |
|            |            |      |    |         | 75 | 364JM       | JM-4           | 9.00     | 9649219120 | A349NM-75D2P3 | 923 |
|            |            |      | 3  | 575     | 30 | 284JM       | JM-4           | 6.88     | 9649219200 | A349NM-30D2P5 | 427 |
|            |            |      |    |         | 40 | 286JM       | JM-4           | 7.31     | 9649219205 | A349NM-40D2P5 | 472 |
|            |            |      |    |         | 50 | 324JM       | JM-4           | 7.88     | 9649219210 | A349NM-50D2P5 | 635 |
|            |            |      |    |         | 60 | 326JM       | JM-4           | 8.56     | 9649219215 | A349NM-60D2P5 | 632 |
|            |            |      |    |         | 75 | 364JM       | JM-4           | 9.00     | 9649219220 | A349NM-75D2P5 | 923 |
|            |            | TEFC | 3  | 230/460 | 30 | 286JM       | JM-4           | 6.88     | 9649218100 | A349NM-30T2P3 | 469 |
|            |            |      |    |         | 40 | 324JM       | JM-4           | 7.31     | 9649218105 | A349NM-40T2P3 | 550 |
|            |            |      |    |         | 50 | 326JM       | JM-4           | 7.88     | 9649218110 | A349NM-50T2P3 | 653 |
|            |            |      |    |         | 60 | 364JM       | JM-4           | 8.56     | 9649218115 | A349NM-60T2P3 | 888 |
|            |            |      |    |         | 75 | 365JM       | JM-4           | 9.00     | 9649218120 | A349NM-75T2P3 | 910 |
|            |            |      | 3  | 575     | 30 | 286JM       | JM-4           | 6.88     | 9649218200 | A349NM-30T2P5 | 482 |
|            |            |      |    |         | 40 | 324JM       | JM-4           | 7.31     | 9649218205 | A349NM-40T2P5 | 570 |
|            |            |      |    |         | 50 | 326JM       | JM-4           | 7.88     | 9649218210 | A349NM-50T2P5 | 636 |
|            |            |      |    |         | 60 | 364JM       | JM-4           | 8.56     | 9649218215 | A349NM-60T2P5 | 888 |
|            |            |      |    |         | 75 | 365JM       | JM-4           | 9.00     | 9649218220 | A349NM-75T2P5 | 910 |
| FLANGED    | MECHANICAL | ODP  | 3  | 230/460 | 30 | 284JM       | JM-4           | 6.88     | 9649229100 | A349FM-30D2P3 | 371 |
|            |            |      |    |         | 40 | 286JM       | JM-4           | 7.31     | 9649229105 | A349FM-40D2P3 | 479 |
|            |            |      |    |         | 50 | 324JM       | JM-4           | 7.88     | 9649229110 | A349FM-50D2P3 | 483 |
|            |            |      |    |         | 60 | 326JM       | JM-4           | 8.56     | 9649229115 | A349FM-60D2P3 | 713 |
|            |            |      |    |         | 75 | 364JM       | JM-4           | 9.00     | 9649229120 | A349FM-75D2P3 | 922 |
|            |            |      | 3  | 575     | 30 | 284JM       | JM-4           | 6.88     | 9649229200 | A349FM-30D2P5 | 426 |
|            |            |      |    |         | 40 | 286JM       | JM-4           | 7.31     | 9649229205 | A349FM-40D2P5 | 471 |
|            |            |      |    |         | 50 | 324JM       | JM-4           | 7.88     | 9649229210 | A349FM-50D2P5 | 634 |
|            |            |      |    |         | 60 | 326JM       | JM-4           | 8.56     | 9649229215 | A349FM-60D2P5 | 631 |
|            |            |      |    |         | 75 | 364JM       | JM-4           | 9.00     | 9649229220 | A349FM-75D2P5 | 922 |
|            |            | TEFC | 3  | 230/460 | 30 | 286JM       | JM-4           | 6.88     | 9649228100 | A349FM-30T2P3 | 468 |
|            |            |      |    |         | 40 | 324JM       | JM-4           | 7.31     | 9649228105 | A349FM-40T2P3 | 549 |
|            |            |      |    |         | 50 | 326JM       | JM-4           | 7.88     | 9649228110 | A349FM-50T2P3 | 652 |
|            |            |      |    |         | 60 | 364JM       | JM-4           | 8.56     | 9649228115 | A349FM-60T2P3 | 887 |
|            |            |      |    |         | 75 | 365JM       | JM-4           | 9.00     | 9649228120 | A349FM-75T2P3 | 909 |
|            |            |      | 3  | 575     | 30 | 286JM       | JM-4           | 6.88     | 9649228200 | A349FM-30T2P5 | 481 |
|            |            |      |    |         | 40 | 324JM       | JM-4           | 7.31     | 9649228205 | A349FM-40T2P5 | 569 |
|            |            |      |    |         | 50 | 326JM       | JM-4           | 7.88     | 9649228210 | A349FM-50T2P5 | 635 |
|            |            |      |    |         | 60 | 364JM       | JM-4           | 8.56     | 9649228215 | A349FM-60T2P5 | 887 |
|            |            |      |    |         | 75 | 365JM       | JM-4           | 9.00     | 9649228220 | A349FM-75T2P5 | 909 |

NOTE: Refer to motor section for specifications.

# CENTRIFUGAL PUMPS

## CLOSE-COUPLED AG SERIES

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### ORDER INFO

A3 X 4 - 9

| Connection | Seal    | Endl | PH | Voltage | HP | Motor Frame | Motor Fit Code | Imp Trim | Order No   | Description   | Wt   |
|------------|---------|------|----|---------|----|-------------|----------------|----------|------------|---------------|------|
| NPT        | PACKING | ODP  | 3  | 230/460 | 30 | 284JP       | JP-3           | 6.88     | 9649119100 | A349NP-30D2P3 | 448  |
|            |         |      |    |         | 40 | 286JP       | JP-3           | 7.31     | 9649119105 | A349NP-40D2P3 | 532  |
|            |         |      |    |         | 50 | 324JP       | JP-3           | 7.88     | 9649119110 | A349NP-50D2P3 | 593  |
|            |         |      |    |         | 60 | 326JP       | JP-3           | 8.56     | 9649119115 | A349NP-60D2P3 | 679  |
|            |         |      |    |         | 75 | 364JPZ      | JPZ-2P         | 9.00     | 9649119120 | A349NP-75D2P3 | 810  |
|            |         |      | 3  | 575     | 30 | 284JP       | JP-3           | 6.88     | 9649119200 | A349NP-30D2P5 | 448  |
|            |         |      |    |         | 40 | 286JP       | JP-3           | 7.31     | 9649119205 | A349NP-40D2P5 | 532  |
|            |         |      |    |         | 50 | 324JP       | JP-3           | 7.88     | 9649119210 | A349NP-50D2P5 | 611  |
|            |         |      |    |         | 60 | 326JP       | JP-3           | 8.56     | 9649119215 | A349NP-60D2P5 | 697  |
|            |         |      |    |         | 75 | 364JPZ      | JPZ-2P         | 9.00     | 9649119220 | A349NP-75D2P5 | 871  |
|            |         | TEFC | 3  | 230/460 | 30 | 286JP       | JP-3           | 6.88     | 9649118100 | A349NP-30T2P3 | 490  |
|            |         |      |    |         | 40 | 324JP       | JP-3           | 7.31     | 9649118105 | A349NP-40T2P3 | 525  |
|            |         |      |    |         | 50 | 326JP       | JP-3           | 7.88     | 9649118110 | A349NP-50T2P3 | 664  |
|            |         |      |    |         | 60 | 364JPZ      | JPZ-2P         | 8.56     | 9649118115 | A349NP-60T2P3 | 699  |
|            |         |      |    |         | 75 | 364JPZ      | JPZ-2P         | 9.00     | 9649118120 | A349NP-75T2P3 | 962  |
|            |         |      | 3  | 575     | 30 | 286JP       | JP-3           | 6.88     | 9649118200 | A349NP-30T2P5 | 507  |
|            |         |      |    |         | 40 | 324JP       | JP-3           | 7.31     | 9649118205 | A349NP-40T2P5 | 662  |
|            |         |      |    |         | 50 | 326JP       | JP-3           | 7.88     | 9649118210 | A349NP-50T2P5 | 699  |
|            |         |      |    |         | 60 | 364JPZ      | JPZ-2P         | 8.56     | 9649118215 | A349NP-60T2P5 | 940  |
|            |         |      |    |         | 75 | 365JPZ      | JPZ-2P         | 9.00     | 9649118220 | A349NP-75T2P5 | 1018 |
|            | PACKING | ODP  | 3  | 230/460 | 30 | 284JP       | JP-3           | 6.88     | 9649129100 | A349FP-30D2P3 | 455  |
|            |         |      |    |         | 40 | 286JP       | JP-3           | 7.31     | 9649129105 | A349FP-40D2P3 | 539  |
|            |         |      |    |         | 50 | 324JP       | JP-3           | 7.88     | 9649129110 | A349FP-50D2P3 | 600  |
|            |         |      |    |         | 60 | 326JP       | JP-3           | 8.56     | 9649129115 | A349FP-60D2P3 | 686  |
|            |         |      |    |         | 75 | 364JPZ      | JPZ-2P         | 9.00     | 9649129120 | A349FP-75D2P3 | 817  |
|            |         |      | 3  | 575     | 30 | 284JP       | JP-3           | 6.88     | 9649129200 | A349FP-30D2P5 | 455  |
|            |         |      |    |         | 40 | 286JP       | JP-3           | 7.31     | 9649129205 | A349FP-40D2P5 | 539  |
|            |         |      |    |         | 50 | 324JP       | JP-3           | 7.88     | 9649129210 | A349FP-50D2P5 | 618  |
|            |         |      |    |         | 60 | 326JP       | JP-3           | 8.56     | 9649129215 | A349FP-60D2P5 | 704  |
|            |         |      |    |         | 75 | 364JPZ      | JPZ-2P         | 9.00     | 9649129220 | A349FP-75D2P5 | 878  |
|            |         | TEFC | 3  | 230/460 | 30 | 286JP       | JP-3           | 6.88     | 9649128100 | A349FP-30T2P3 | 497  |
|            |         |      |    |         | 40 | 324JP       | JP-3           | 7.31     | 9649128105 | A349FP-40T2P3 | 532  |
|            |         |      |    |         | 50 | 326JP       | JP-3           | 7.88     | 9649128110 | A349FP-50T2P3 | 671  |
|            |         |      |    |         | 60 | 364JPZ      | JPZ-2P         | 8.56     | 9649128115 | A349FP-60T2P3 | 706  |
|            |         |      |    |         | 75 | 364JPZ      | JPZ-2P         | 9.00     | 9649128120 | A349FP-75T2P3 | 969  |
|            |         |      | 3  | 575     | 30 | 286JP       | JP-3           | 6.88     | 9649128200 | A349FP-30T2P5 | 514  |
|            |         |      |    |         | 40 | 324JP       | JP-3           | 7.31     | 9649128205 | A349FP-40T2P5 | 669  |
|            |         |      |    |         | 50 | 326JP       | JP-3           | 7.88     | 9649128210 | A349FP-50T2P5 | 706  |
|            |         |      |    |         | 60 | 364JPZ      | JPZ-2P         | 8.56     | 9649128215 | A349FP-60T2P5 | 947  |
|            |         |      |    |         | 75 | 365JPZ      | JPZ-2P         | 9.00     | 9649128220 | A349FP-75T2P5 | 1025 |

NOTE: Refer to motor section for specifications.

# CENTRIFUGAL PUMPS

## CLOSE-COUPLED AG SERIES

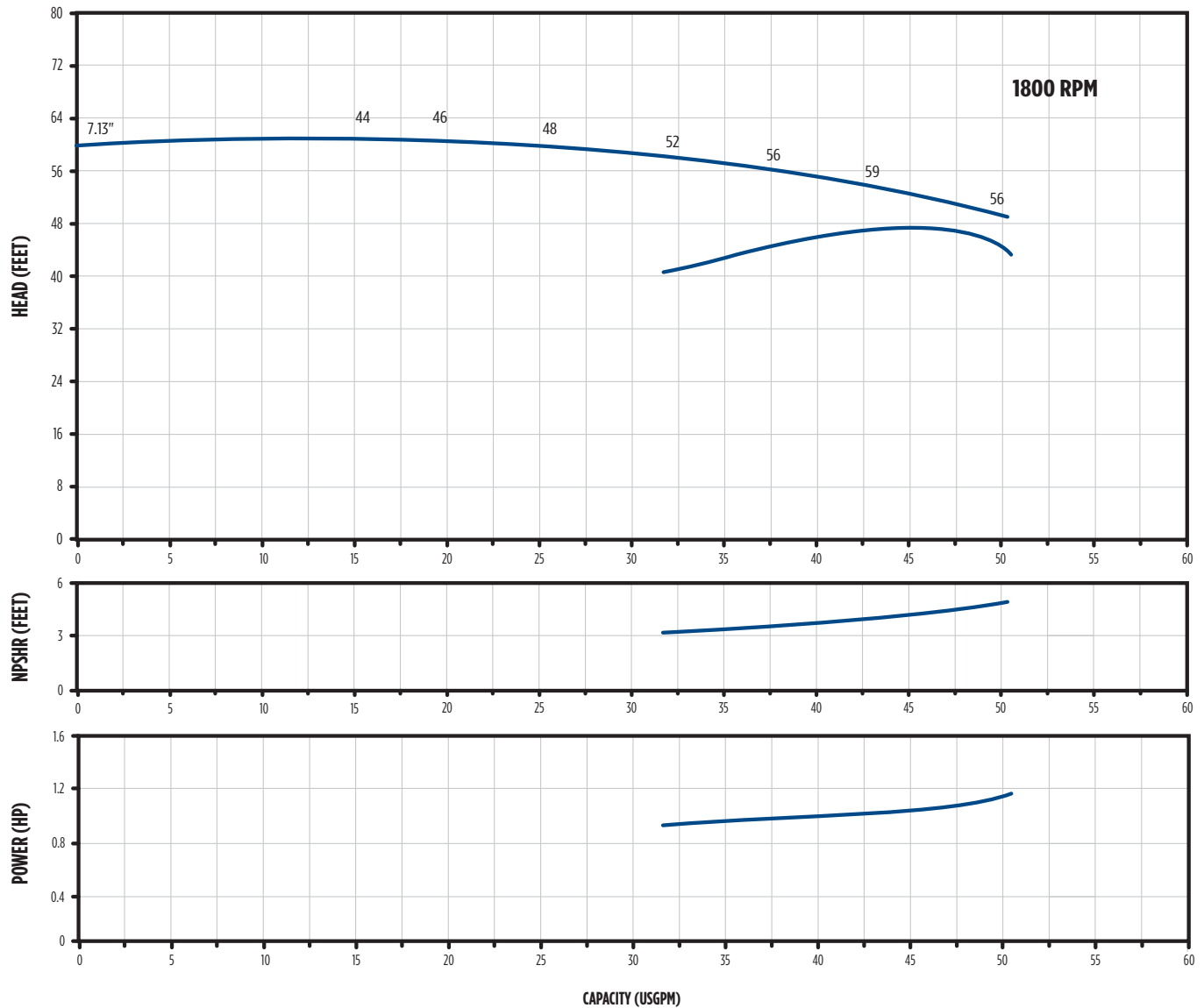
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### PERFORMANCE

AL1 X 1.5 - 7

| Basic Model | PEI <sub>a</sub> Number |
|-------------|-------------------------|
| A1157       | 0.97                    |



| Connection | Seal       | Encl | PH | Voltage | HP | Motor Frame | Motor Fit Code | Imp Trim | Order No   | Description    | Wt |
|------------|------------|------|----|---------|----|-------------|----------------|----------|------------|----------------|----|
| NPT        | MECHANICAL | TEFC | 3  | 230/460 | 1  | 143JM       | JM-1           | 7.13     | 9645218325 | AL1157NM-IT4P3 | 85 |

NOTE: Refer to motor section for specifications.

# CENTRIFUGAL PUMPS

## CLOSE-COUPLED AG SERIES

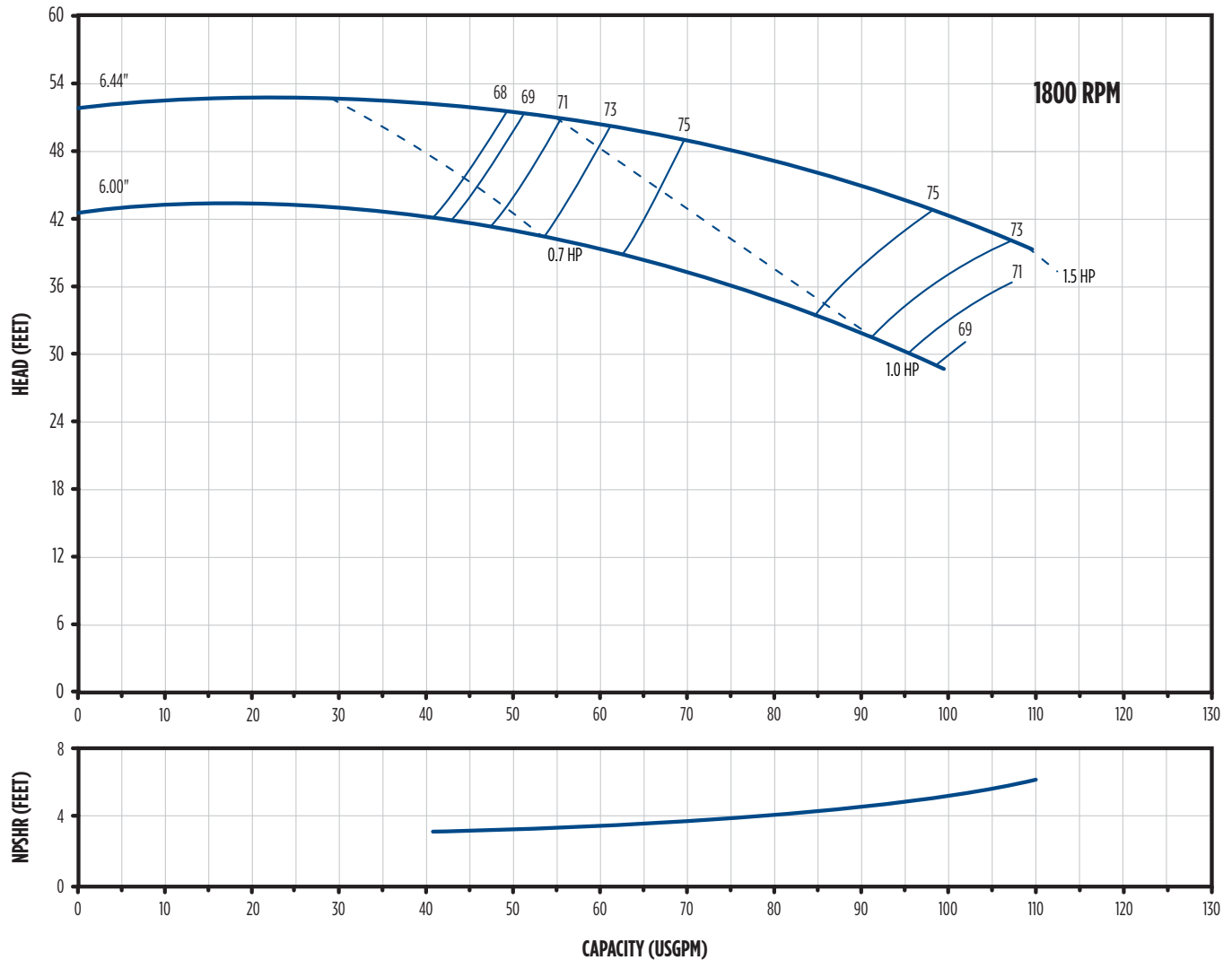
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### PERFORMANCE

AL1.5 X 2 - 6

| Basic Model | PEI <sub>a</sub> Number |
|-------------|-------------------------|
| A1526       | 0.97                    |



| Connection | Seal       | Encl | PH | Voltage | HP  | Motor Frame | Motor Fit Code | Imp Trim | Order No   | Description      | Wt |
|------------|------------|------|----|---------|-----|-------------|----------------|----------|------------|------------------|----|
| NPT        | MECHANICAL | TEFC | 3  | 230/460 | 1   | 143JM       | JM-1           | 6.00     | 9646218315 | AL1526NM-1T4P3   | 76 |
|            |            |      |    |         | 1.5 | 143JM       | JM-1           | 6.43     | 9646218325 | AL1526NM-1.5T4P3 | 80 |

NOTE: Refer to motor section for specifications.

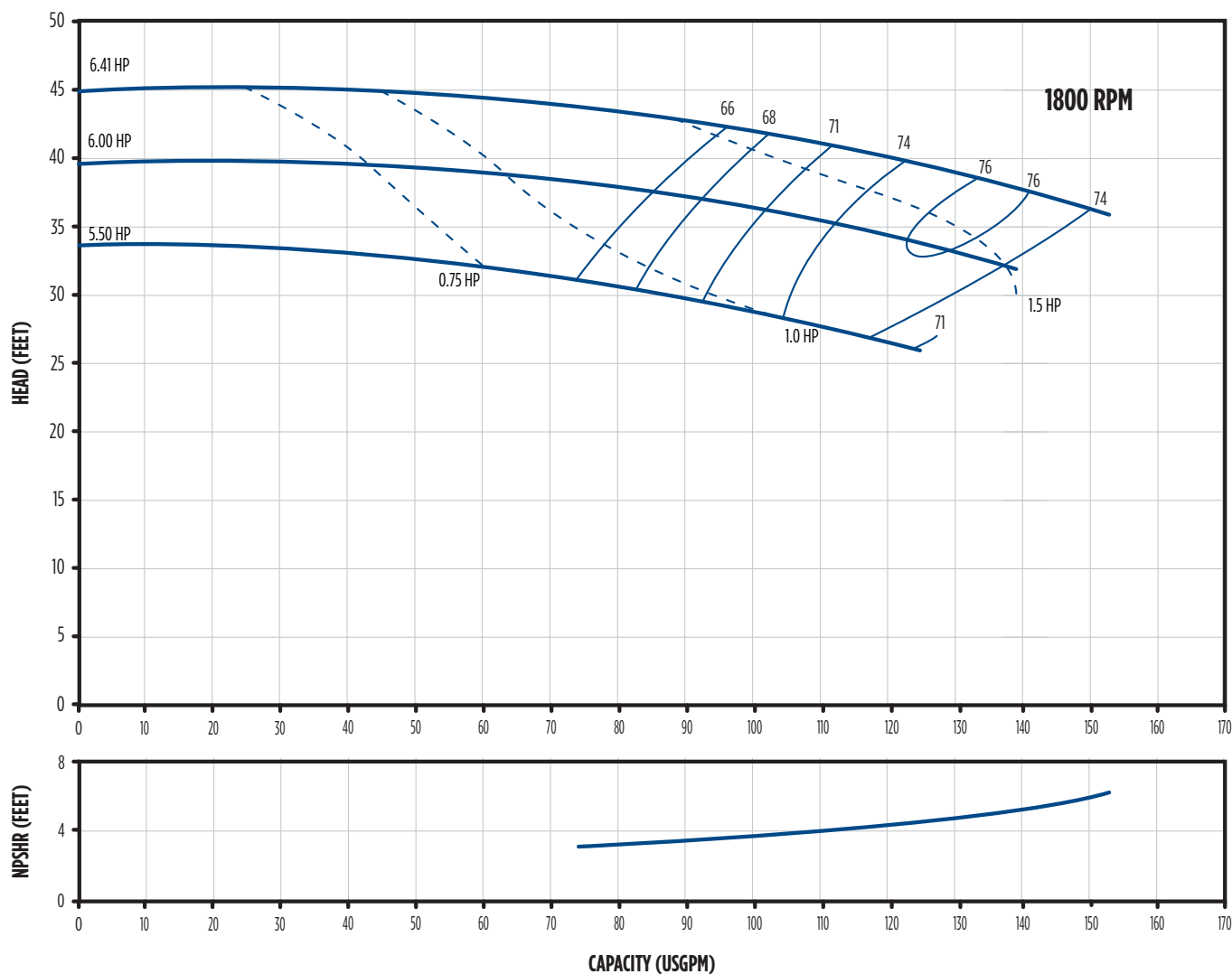
## CLOSE-COUPLED AG SERIES



## PERFORMANCE

AL2 X 2.5 - 6

| Basic Model | PEI <sub>cl</sub> Number |
|-------------|--------------------------|
| A2256       | 0.92                     |



| Connection | Seal       | Encl | PH | Voltage | HP  | Motor Frame | Motor Fit Code | Imp Trim | Order No   | Description      | Wt |
|------------|------------|------|----|---------|-----|-------------|----------------|----------|------------|------------------|----|
| NPT        | MECHANICAL | TEFC | 3  | 230/460 | 1   | 143JM       | JM-1           | 5.50     | 9647218325 | AL2256NM-1T4P3   | 73 |
|            |            |      |    |         | 1.5 | 143JM       | JM-1           | 6.00     | 9647218335 | AL2256NM-1.5T4P3 | 77 |
|            |            |      |    |         | 2   | 145JM       | JM-1           | 6.41     | 9647218340 | AL2256NM-2T4P3   | 83 |

*NOTE: Refer to motor section for specifications.*

# CENTRIFUGAL PUMPS

## CLOSE-COUPLED AG SERIES

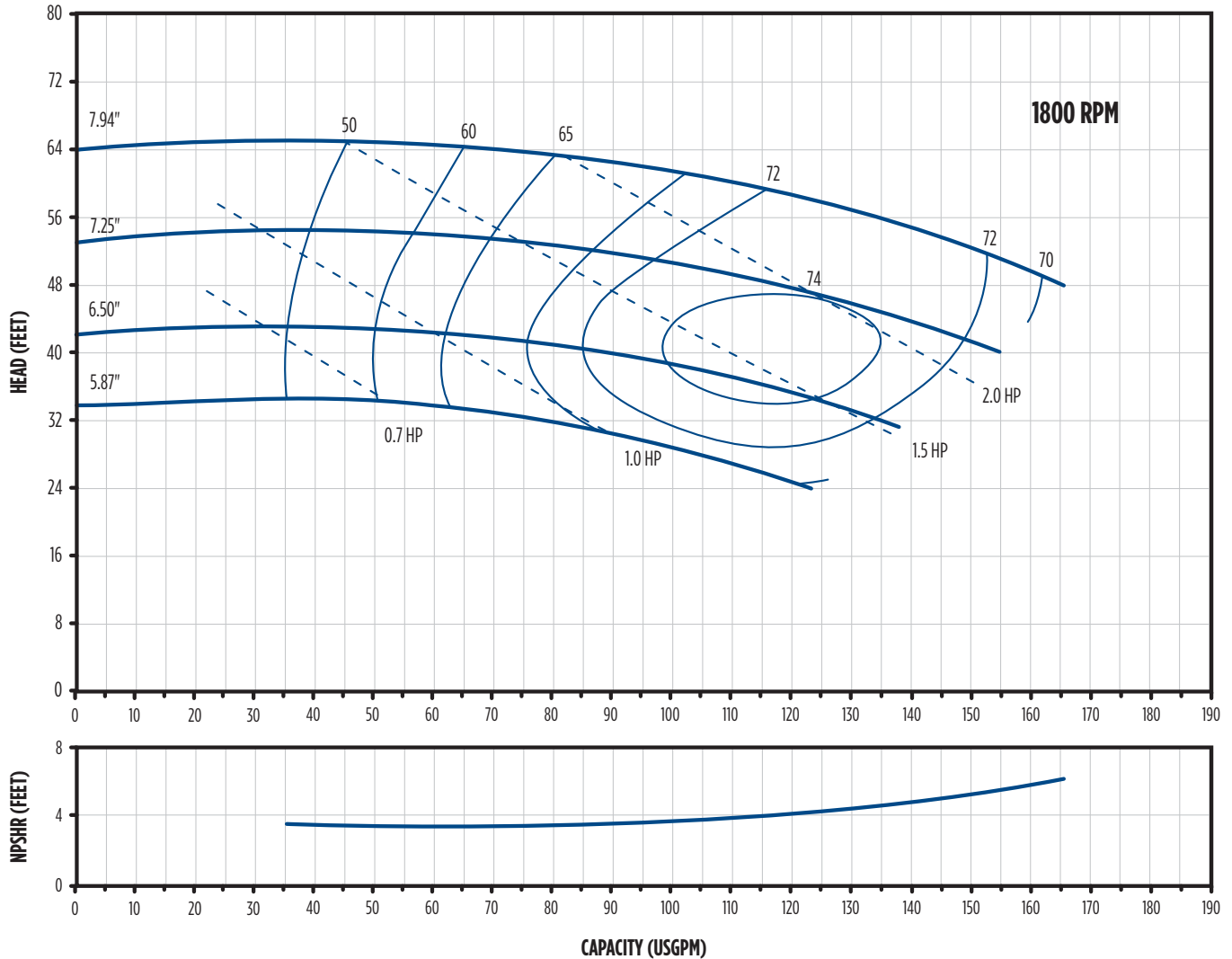
≡ MENU



### PERFORMANCE

AL2 X 3 - 8

| Basic Model | PEI <sub>a</sub> Number |
|-------------|-------------------------|
| AL238       | 0.95                    |



| Connection | Seal       | Encl | PH | Voltage | HP  | Motor Frame | Motor Fit Code | Imp Trim | Order No   | Description     | Wt  |
|------------|------------|------|----|---------|-----|-------------|----------------|----------|------------|-----------------|-----|
| NPT        | MECHANICAL | TEFC | 3  | 230/460 | 3   | 184JM       | JM-1           | 7.94     | 9650218355 | AL238NM-3T4P1   | 130 |
|            |            |      |    |         | 1   | 143JM       | JM-1           | 5.88     | 9650218305 | AL238NM-1T4P3   | 90  |
|            |            |      |    |         | 1.5 | 143JM       | JM-1           | 6.50     | 9650218315 | AL238NM-1.5T4P3 | 94  |
|            |            |      |    |         | 2   | 145JM       | JM-1           | 7.25     | 9650218320 | AL238NM-2T4P3   | 100 |
|            |            |      |    |         | 3   | 182JM       | JM-1           | 7.94     | 9650218325 | AL238NM-3T4P3   | 126 |
| FLANGED    | MECHANICAL | TEFC | 3  | 230/460 | 1   | 143JM       | JM-1           | 5.88     | 9650228305 | AL238FM-1T4P3   | 105 |
|            |            |      |    |         | 1.5 | 143JM       | JM-1           | 6.50     | 9650228315 | AL238FM-1.5T4P3 | 109 |
|            |            |      |    |         | 2   | 145JM       | JM-1           | 7.25     | 9650228320 | AL238FM-2T4P3   | 115 |
|            |            |      |    |         | 3   | 182JM       | JM-1           | 7.94     | 9650228325 | AL238FM-3T4P3   | 141 |

NOTE: Refer to motor section for specifications.



# CENTRIFUGAL PUMPS

CLOSE-COUPLED AG SERIES

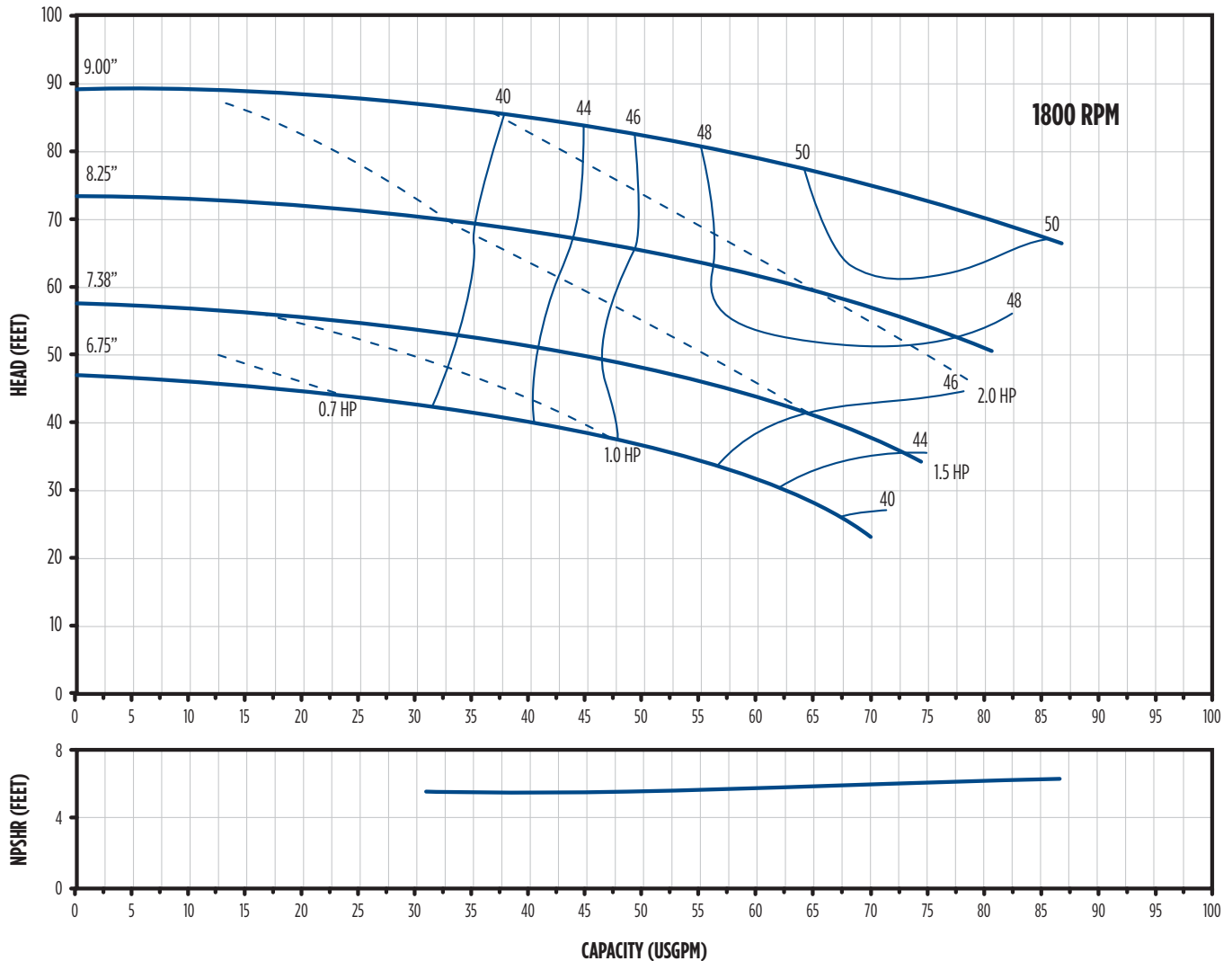
MENU



## PERFORMANCE

AL2 X 3 - 10

| Basic Model | PEI <sub>a</sub> Number |
|-------------|-------------------------|
| AL2310      | 0.96                    |



| Connection | Seal       | Encl | PH | Voltage | HP  | Motor Frame | Motor Fit Code | Imp Trim | Order No   | Description      | Wt  |
|------------|------------|------|----|---------|-----|-------------|----------------|----------|------------|------------------|-----|
| NPT        | MECHANICAL | TEFC | 3  | 230/460 | 1   | 143JM       | JM-1           | 6.75     | 9651218305 | AL2310NM-1T4P3   | 127 |
|            |            |      |    |         | 1.5 | 143JM       | JM-1           | 7.38     | 9651218315 | AL2310NM-1.5T4P3 | 131 |
|            |            |      |    |         | 2   | 145JM       | JM-1           | 8.25     | 9651218320 | AL2310NM-2T4P3   | 137 |
|            |            |      |    |         | 3   | 182JM       | JM-1           | 9.00     | 9651218325 | AL2310NM-3T4P3   | 163 |
| FLANGED    | MECHANICAL | TEFC | 3  | 230/460 | 1   | 143JM       | JM-1           | 6.75     | 9651228305 | AL2310FM-1T4P3   | 120 |
|            |            |      |    |         | 1.5 | 143JM       | JM-1           | 7.38     | 9651228315 | AL2310FM-1.5T4P3 | 124 |
|            |            |      |    |         | 2   | 145JM       | JM-1           | 8.25     | 9651228320 | AL2310FM-2T4P3   | 130 |
|            |            |      |    |         | 3   | 182JM       | JM-1           | 9.00     | 9651228325 | AL2310FM-3T4P3   | 156 |

NOTE: Refer to motor section for specifications.

# CENTRIFUGAL PUMPS

CLOSE-COUPLED AG SERIES

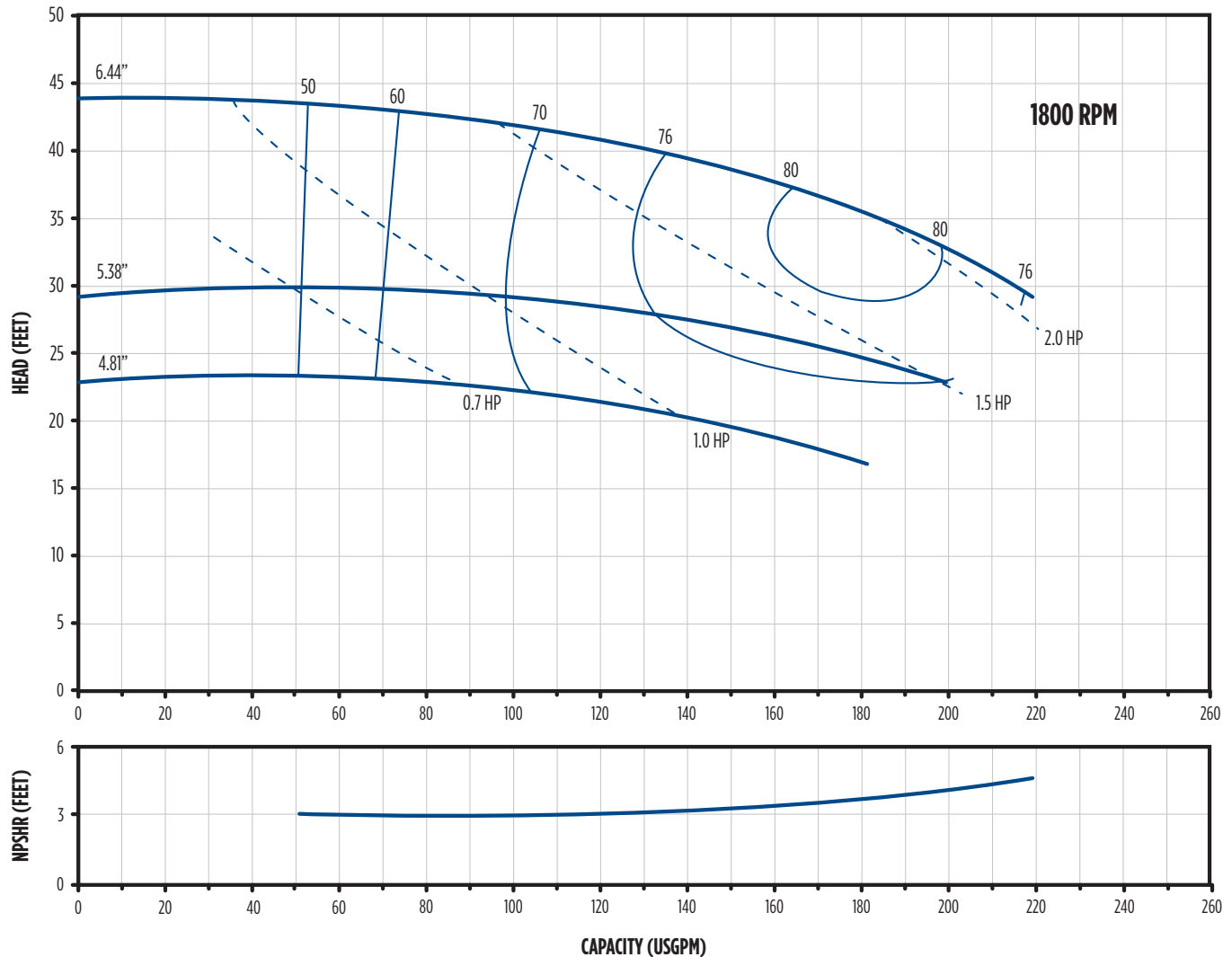
≡ MENU

# FPS

## PERFORMANCE

AL2.5 X 3 - 6

| Basic Model | PEI <sub>a</sub> Number |
|-------------|-------------------------|
| AL2536      | 0.95                    |



| Connection | Seal       | Encl | PH | Voltage | HP  | Motor Frame | Motor Fit Code | Imp Trim | Order No   | Description      | Wt  |
|------------|------------|------|----|---------|-----|-------------|----------------|----------|------------|------------------|-----|
| NPT        | MECHANICAL | TEFC | 3  | 230/460 | 1   | 143JM       | JM-1           | 4.81     | 9653218325 | AL2536NM-1T4P3   | 81  |
|            |            |      |    |         | 1.5 | 143JM       | JM-1           | 5.38     | 9653218335 | AL2536NM-1.5T4P3 | 85  |
|            |            |      |    |         | 2   | 145JM       | JM-1           | 6.43     | 9653218340 | AL2536NM-2T4P3   | 91  |
| FLANGED    | MECHANICAL | TEFC | 3  | 230/460 | 1   | 143JM       | JM-1           | 4.81     | 9653228325 | AL2536FM-1T4P3   | 95  |
|            |            |      |    |         | 1.5 | 143JM       | JM-1           | 5.38     | 9653228335 | AL2536FM-1.5T4P3 | 99  |
|            |            |      |    |         | 2   | 145JM       | JM-1           | 6.43     | 9653228340 | AL2536FM-2T4P3   | 105 |

NOTE: Refer to motor section for specifications.

# CENTRIFUGAL PUMPS

CLOSE-COUPLED AG SERIES

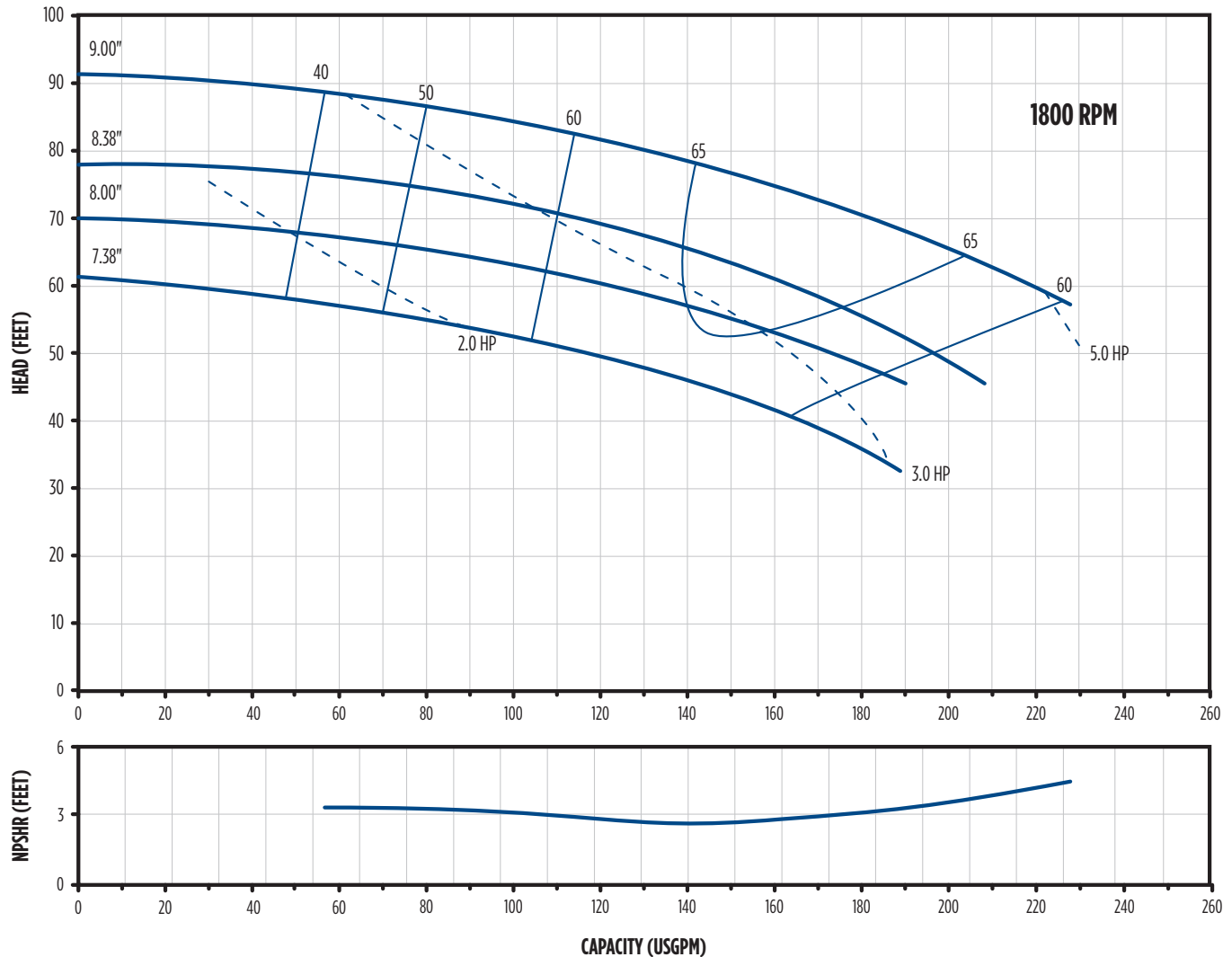
MENU



## PERFORMANCE

AL2.5 X 4 - 10

| Basic Model | PEI <sub>a</sub> Number |
|-------------|-------------------------|
| AL25410     | 0.99                    |



| Connection | Seal       | Encl | PH | Voltage | HP | Motor Frame | Motor Fit Code | Imp Trim | Order No   | Description      | Wt  |
|------------|------------|------|----|---------|----|-------------|----------------|----------|------------|------------------|-----|
| NPT        | MECHANICAL | TEFC | 1  | 230     | 3  | 184JM       | JM-1           | 7.38     | 9654218330 | AL25410NM-3T4P1B | 192 |
|            |            |      |    |         | 3  | 184JM       | JM-1           | 8.00     | 9654218335 | AL25410NM-3T4P1  | 192 |
|            |            |      |    |         | 5  | 215JM       | JM-2           | 8.38     | 9654218340 | AL25410NM-5T4P1B | 206 |
|            |            |      |    |         | 5  | 215JM       | JM-2           | 9.00     | 9654218345 | AL25410NM-5T4P1  | 206 |
|            |            |      | 3  | 230/460 | 3  | 182JM       | JM-1           | 7.38     | 9654218305 | AL25410NM-3T4P3B | 188 |
|            |            |      |    |         | 3  | 182JM       | JM-1           | 8.00     | 9654218310 | AL25410NM-3T4P3  | 188 |
|            |            |      |    |         | 5  | 184JM       | JM-1           | 8.38     | 9654218315 | AL25410NM-5T4P3B | 205 |
|            |            |      |    |         | 5  | 184JM       | JM-1           | 9.00     | 9654218320 | AL25410NM-5T4P3  | 205 |
| FLANGED    | MECHANICAL | TEFC | 3  | 230/460 | 3  | 182JM       | JM-1           | 7.38     | 9654228305 | AL25410FM-3T4P3B | 186 |
|            |            |      |    |         | 3  | 182JM       | JM-1           | 8.00     | 9654228310 | AL25410FM-3T4P3  | 186 |
|            |            |      |    |         | 5  | 184JM       | JM-1           | 8.38     | 9654228315 | AL25410FM-5T4P3B | 203 |
|            |            |      |    |         | 5  | 184JM       | JM-1           | 9.00     | 9654228320 | AL25410FM-5T4P3  | 203 |

NOTE: Refer to motor section for specifications.

# CENTRIFUGAL PUMPS

## CLOSE-COUPLED AG SERIES

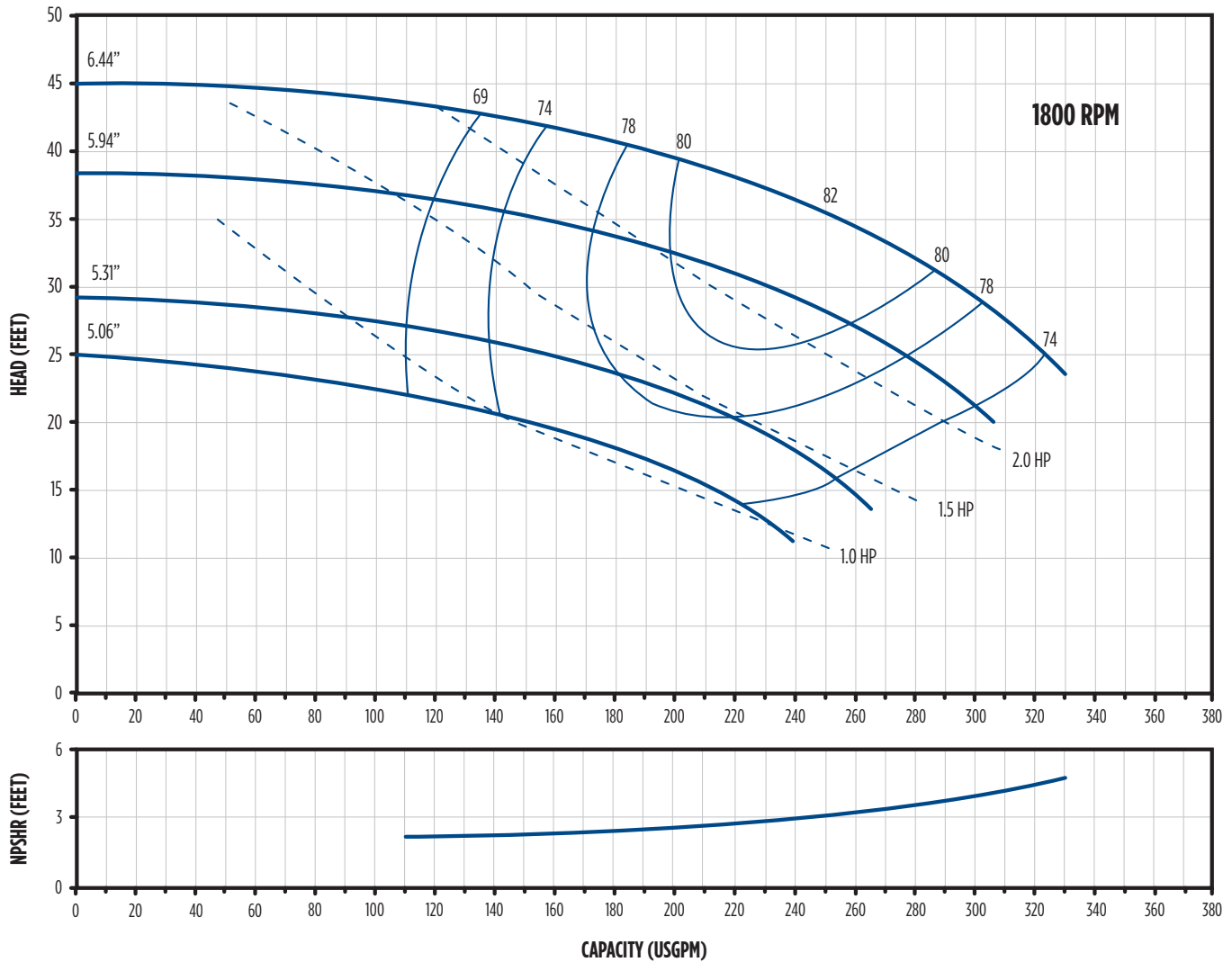
≡ MENU



### PERFORMANCE

AL3 X 4 - 6

| Basic Model | PEI <sub>a</sub> Number |
|-------------|-------------------------|
| AL346       | 0.91                    |



| Connection | Seal       | Encl | PH | Voltage | HP  | Motor Frame | Motor Fit Code | Imp Trim | Order No   | Description     | Wt  |
|------------|------------|------|----|---------|-----|-------------|----------------|----------|------------|-----------------|-----|
| NPT        | MECHANICAL | TEFC | 1  | 230     | 3   | 184JM       | JM-1           | 6.44     | 9648218355 | AL346NM-3T4P1   | 135 |
|            |            |      |    |         | 1   | 143JM       | JM-1           | 5.06     | 9648218305 | AL346NM-1T4P3   | 95  |
|            |            |      | 3  | 230/460 | 1.5 | 143JM       | JM-1           | 5.31     | 9648218315 | AL346NM-1.5T4P3 | 99  |
|            |            |      |    |         | 2   | 145JM       | JM-1           | 5.94     | 9648218320 | AL346NM-2T4P3   | 105 |
|            |            |      |    |         | 3   | 182JM       | JM-1           | 6.44     | 9648218325 | AL346NM-3T4P3   | 131 |
| FLANGED    | MECHANICAL | TEFC | 3  | 230/460 | 1   | 143JM       | JM-1           | 5.06     | 9648228305 | AL346FM-1T4P3   | 104 |
|            |            |      |    |         | 1.5 | 143JM       | JM-1           | 5.31     | 9648228315 | AL346FM-1.5T4P3 | 108 |
|            |            |      |    |         | 2   | 145JM       | JM-1           | 5.94     | 9648228320 | AL346FM-2T4P3   | 114 |
|            |            |      |    |         | 3   | 182JM       | JM-1           | 6.44     | 9648228325 | AL346FM-3T4P3   | 140 |

NOTE: Refer to motor section for specifications.

# CENTRIFUGAL PUMPS

CLOSE-COUPLED AG SERIES

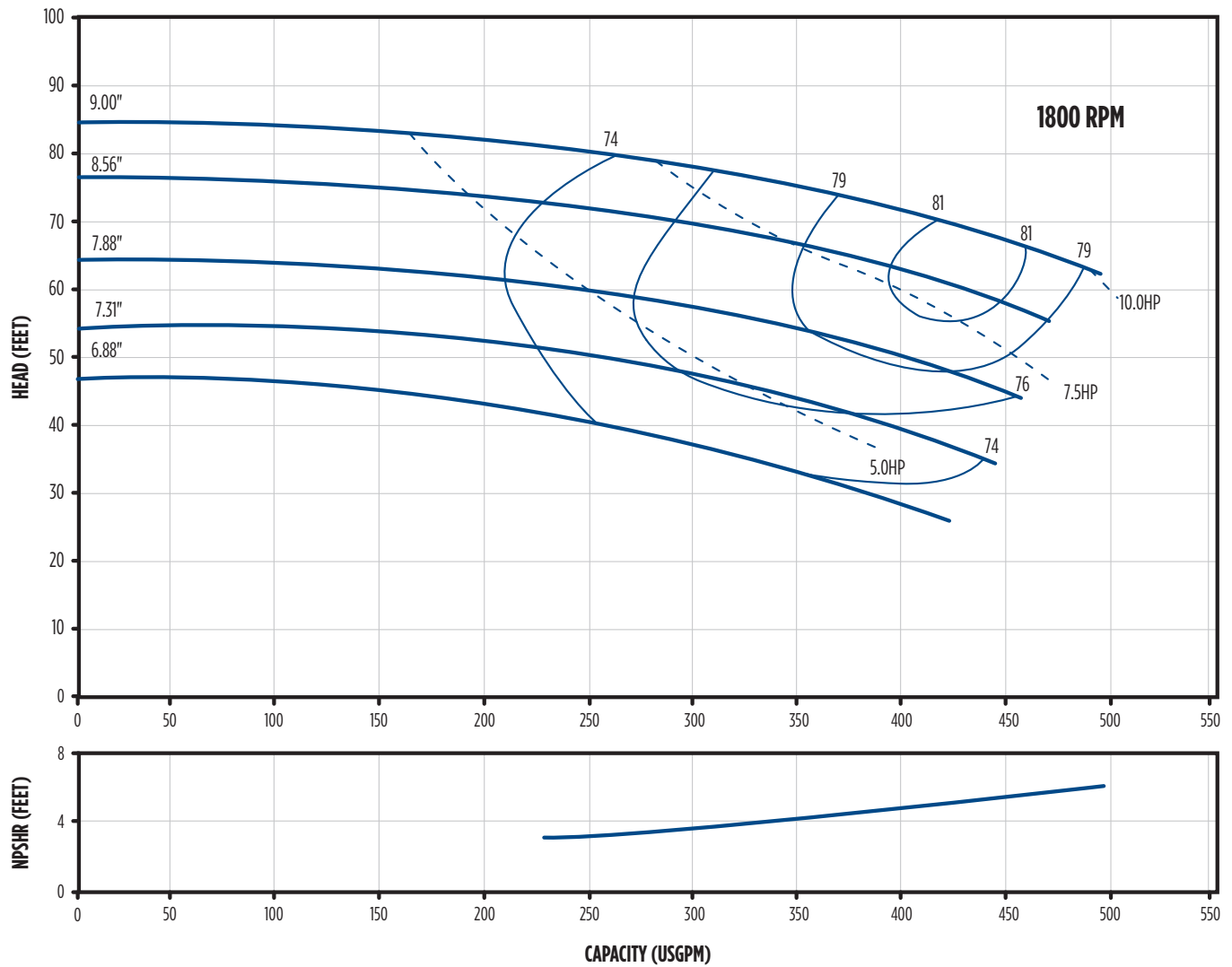
MENU



## PERFORMANCE

AL3 X 4 - 9

| Basic Model | PEI <sub>a</sub> Number |
|-------------|-------------------------|
| AL349       | 0.98                    |



# CENTRIFUGAL PUMPS

## CLOSE-COUPLED AG SERIES

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### ORDER INFO

AL3 X 4 - 9

| Connection | Seal       | Encl | PH | Voltage | HP  | Motor Frame | Motor Fit Code | Imp Trim | Order No   | Description      | Wt  |
|------------|------------|------|----|---------|-----|-------------|----------------|----------|------------|------------------|-----|
| NPT        | MECHANICAL | TEFC | 1  | 230     | 5   | 215JM       | JM-2           | 6.88     | 9649218325 | AL349NM-5T4P1B   | 248 |
|            |            |      |    |         | 5   | 215JM       | JM-2           | 7.31     | 9649218330 | AL349NM-5T4P1    | 248 |
|            |            |      |    |         | 7.5 | 215JM       | JM-2           | 7.88     | 9649218335 | AL349NM-7.5T4P1B | 248 |
|            |            |      |    |         | 7.5 | 215JM       | JM-2           | 8.56     | 9649218340 | AL349NM-7.5T4P1  | 248 |
|            |            |      |    |         | 10  | 215JM       | JM-2           | 9.00     | 9649218345 | AL349NM-10T4P1   | 248 |
|            |            |      | 3  | 230/460 | 5   | 184JM       | JM-1           | 6.88     | 9649218300 | AL349NM-5T4P3B   | 189 |
|            |            |      |    |         | 5   | 184JM       | JM-1           | 7.31     | 9649218305 | AL349NM-5T4P3    | 189 |
|            |            |      |    |         | 7.5 | 213JM       | JM-2           | 7.88     | 9649218310 | AL349NM-7.5T4P3B | 231 |
|            |            |      |    |         | 7.5 | 213JM       | JM-2           | 8.56     | 9649218315 | AL349NM-7.5T4P3  | 231 |
|            |            |      |    |         | 10  | 215JM       | JM-2           | 9.00     | 9649218320 | AL349NM-10T4P3   | 262 |
|            |            |      |    | 575     | 5   | 184JM       | JM-1           | 6.88     | 9649218400 | AL349NM-5T4P5B   | 189 |
|            |            |      |    |         | 5   | 184JM       | JM-1           | 7.31     | 9649218405 | AL349NM-5T4P5    | 189 |
|            |            |      |    |         | 7.5 | 213JM       | JM-2           | 7.88     | 9649218410 | AL349NM-7.5T4P5B | 224 |
|            |            |      |    |         | 7.5 | 213JM       | JM-2           | 8.56     | 9649218415 | AL349NM-7.5T4P5  | 224 |
|            |            |      |    |         | 10  | 215JM       | JM-2           | 9.00     | 9649218420 | AL349NM-10T4P5   | 262 |
| FLANGED    | MECHANICAL | TEFC | 1  | 230     | 5   | 215JM       | JM-2           | 6.88     | 9649228325 | AL349FM-5T4P1B   | 247 |
|            |            |      |    |         | 5   | 215JM       | JM-2           | 7.31     | 9649228330 | AL349FM-5T4P1    | 247 |
|            |            |      |    |         | 7.5 | 215JM       | JM-2           | 7.88     | 9649228335 | AL349FM-7.5T4P1B | 247 |
|            |            |      |    |         | 7.5 | 215JM       | JM-2           | 8.56     | 9649228340 | AL349FM-7.5T4P1  | 247 |
|            |            |      |    |         | 10  | 215JM       | JM-2           | 9.00     | 9649228345 | AL349FM-10T4P1   | 247 |
|            |            |      | 3  | 230/460 | 5   | 184JM       | JM-1           | 6.88     | 9649228300 | AL349FM-5T4P3B   | 188 |
|            |            |      |    |         | 5   | 184JM       | JM-1           | 7.31     | 9649228305 | AL349FM-5T4P3    | 188 |
|            |            |      |    |         | 7.5 | 213JM       | JM-2           | 7.88     | 9649228310 | AL349FM-7.5T4P3B | 230 |
|            |            |      |    |         | 7.5 | 213JM       | JM-2           | 8.56     | 9649228315 | AL349FM-7.5T4P3  | 230 |
|            |            |      |    |         | 10  | 215JM       | JM-2           | 9.00     | 9649228320 | AL349FM-10T4P3   | 261 |
|            |            |      |    | 575     | 5   | 184JM       | JM-1           | 6.88     | 9649228400 | AL349FM-5T4P5B   | 188 |
|            |            |      |    |         | 5   | 184JM       | JM-1           | 7.31     | 9649228405 | AL349FM-5T4P5    | 188 |
|            |            |      |    |         | 7.5 | 213JM       | JM-2           | 7.88     | 9649228410 | AL349FM-7.5T4P5B | 223 |
|            |            |      |    |         | 7.5 | 213JM       | JM-2           | 8.56     | 9649228415 | AL349FM-7.5T4P5  | 223 |
|            |            |      |    |         | 10  | 215JM       | JM-2           | 9.00     | 9649228420 | AL349FM-10T4P5   | 261 |

NOTE: Refer to motor section for specifications.

# CENTRIFUGAL PUMPS

## CLOSE-COUPLED AG SERIES

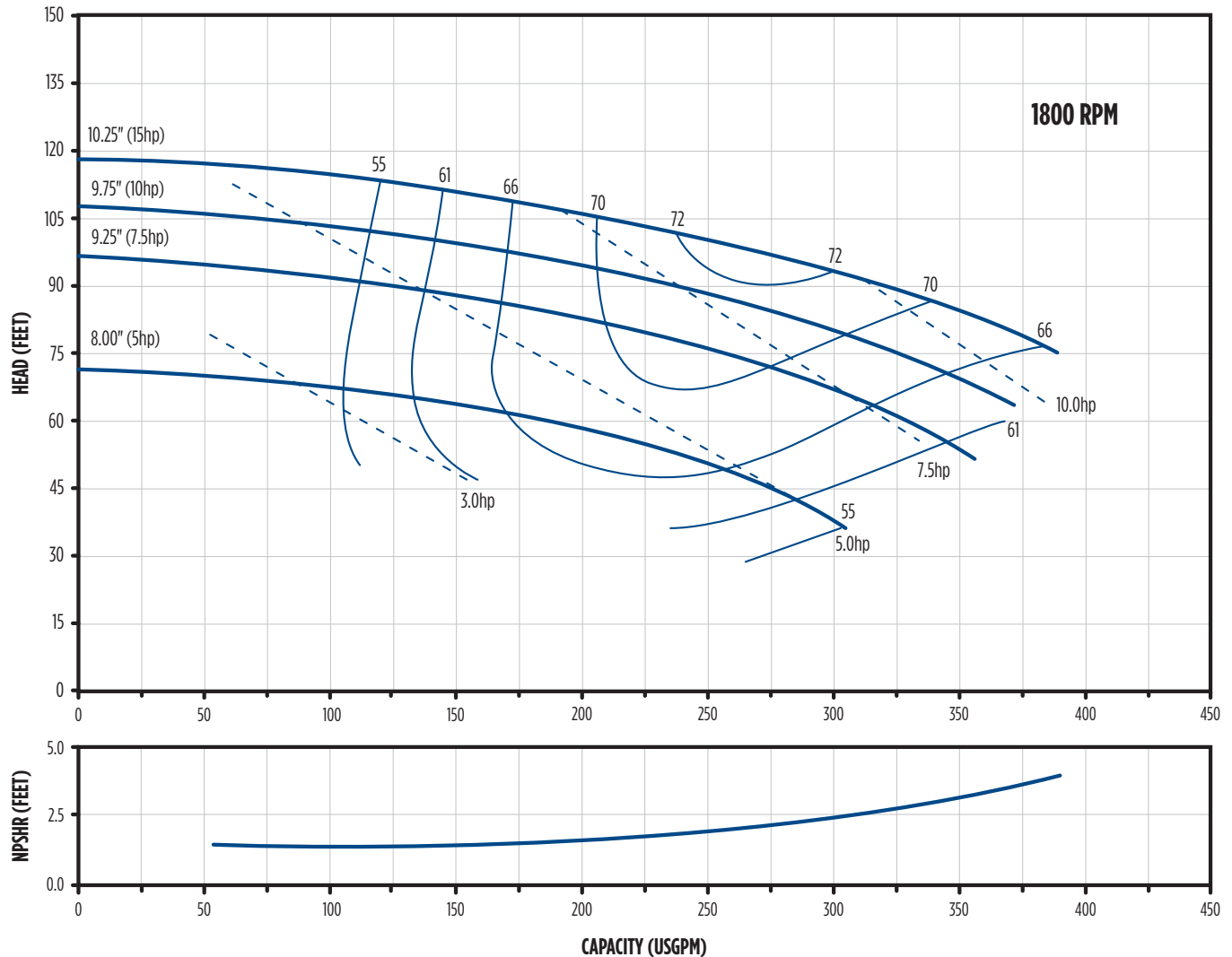
☰ MENU



### PERFORMANCE

AL3 X 4 - 10

| Basic Model | PEI <sub>a</sub> Number |
|-------------|-------------------------|
| AL3410      | 0.90                    |



### ORDER INFO

AL3 X 4 - 10

| Connection | Seal       | Encl | PH | Voltage | HP  | Motor Frame | Motor Fit Code | Imp Trim | Order No   | Description      | Wt  |
|------------|------------|------|----|---------|-----|-------------|----------------|----------|------------|------------------|-----|
| FLANGED    | MECHANICAL | TEFC | 1  | 230     | 5   | 215JM       | JM-2           | 8.00     | 9658228340 | AL3410FM-5T4P1   | 211 |
|            |            |      |    |         | 5   | 184JM       | JM-1           | 8.00     | 9658228305 | AL3410FM-5T4P3   | 210 |
|            |            |      | 3  | 230/460 | 7.5 | 213JM       | JM-2           | 9.25     | 9658228315 | AL3410FM-7.5T4P3 | 255 |
|            |            |      |    |         | 10  | 213JM       | JM-2           | 9.75     | 9658228320 | AL3410FM-10T4P3  | 286 |
|            |            |      |    |         | 15  | 254JM       | JM-3           | 10.25    | 9658228325 | AL3410FM-15T4P3  | 290 |
|            |            |      |    |         | 5   | 184JM       | JM-1           | 8.00     | 9658228405 | AL3410FM-5T4P5   | 210 |
|            |            |      | 3  | 575     | 7.5 | 213JM       | JM-2           | 9.25     | 9658228415 | AL3410FM-7.5T4P5 | 248 |
|            |            |      |    |         | 10  | 213JM       | JM-2           | 9.75     | 9658228420 | AL3410FM-10T4P5  | 286 |
|            |            |      |    |         | 15  | 254JM       | JM-3           | 10.25    | 9658228425 | AL3410FM-15T4P5  | 405 |
|            |            |      |    |         |     |             |                |          |            |                  |     |

NOTE: Refer to motor section for specifications.

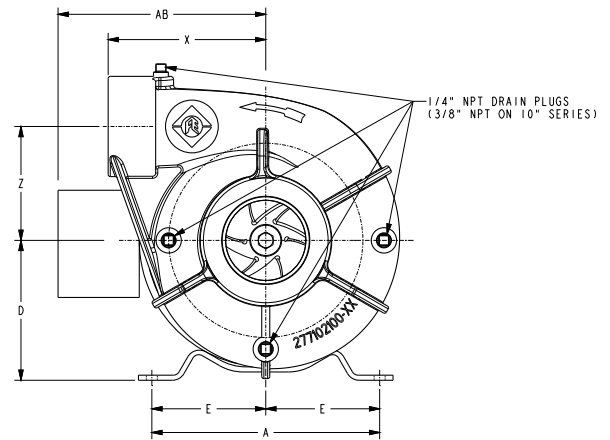
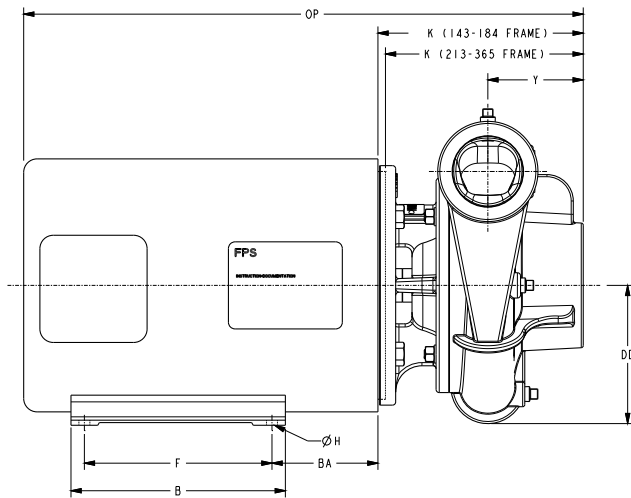
# CENTRIFUGAL PUMPS

## CLOSE-COUPLED AG SERIES

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# FPS

### DIMENSIONS



| Series | RPM  | ENCL | HP  | PH | Volts       | Frame | Order Number | Model Description | A    | B    | D    | E    | F         | H    | K    | X    | Y    | Z    | AB   | BA   | DD   | OP    |
|--------|------|------|-----|----|-------------|-------|--------------|-------------------|------|------|------|------|-----------|------|------|------|------|------|------|------|------|-------|
| A1157  | 3600 | ODP  | 3   | 1  | 115/208-230 | 182JM | 9645219100   | A1157NM-3D2P1     | 8.63 | 6.50 | 4.50 | 3.75 | 4.50/5.50 | 0.41 | 6.57 | 5.00 | 2.50 | 4.12 | 6.75 | 3.50 | 4.82 | 18.82 |
|        |      |      |     | 3  | 230/460     | 145JM | 9645219105   | A1157NM-3D2P3     | 6.50 | 5.94 | 3.50 | 2.75 | 4.00/5.00 | 0.34 | 6.57 | 5.00 | 2.50 | 4.12 | 5.62 | 2.88 | 4.82 | 17.45 |
|        |      |      |     |    | 575         | 143JM | 9645219205   | A1157NM-3D2P5     | 6.50 | 5.94 | 3.50 | 2.75 | 4.00/5.00 | 0.34 | 6.57 | 5.00 | 2.50 | 4.12 | 5.61 | 2.88 | 4.82 | 16.57 |
|        |      |      | 5   | 1  | 230         | 184JM | 9645219110   | A1157NM-5D2P1     | 8.63 | 6.50 | 4.50 | 3.75 | 4.50/5.50 | 0.41 | 6.57 | 5.00 | 2.50 | 4.12 | 6.75 | 3.51 | 4.82 | 18.82 |
|        |      |      |     | 3  | 230/460     | 182JM | 9645219115   | A1157NM-5D2P3     | 8.63 | 6.50 | 4.50 | 3.75 | 4.50/5.50 | 0.41 | 6.57 | 5.00 | 2.50 | 4.12 | 6.74 | 3.50 | 4.82 | 18.82 |
|        |      |      |     |    | 575         | 182JM | 9645219215   | A1157NM-5D2P5     | 8.63 | 6.50 | 4.50 | 3.75 | 4.50/5.50 | 0.41 | 6.57 | 5.00 | 2.50 | 4.12 | 6.74 | 3.50 | 4.82 | 17.44 |
|        |      |      | 7.5 | 1  | 208-230     | 184JM | 9645219120   | A1157NM-7.5D2P1   | 8.50 | 6.50 | 4.50 | 3.75 | 4.50/5.50 | 0.41 | 6.57 | 5.00 | 2.50 | 4.12 | 7.58 | 3.50 | 4.82 | 20.22 |
|        |      |      |     | 3  | 208-230/460 | 184JM | 9645219125   | A1157NM-7.5D2P3   | 8.75 | 6.50 | 4.50 | 3.75 | 5.50      | 0.41 | 6.57 | 5.00 | 2.50 | 4.12 | 6.88 | 3.63 | 4.82 | 22.82 |
|        |      |      |     |    | 575         | 184JM | 9645219225   | A1157NM-7.5D2P5   | 8.63 | 6.50 | 4.50 | 3.75 | 4.50/5.50 | 0.41 | 6.57 | 5.00 | 2.50 | 4.12 | 5.85 | 3.50 | 4.82 | 18.82 |
|        |      | TEFC | 3   | 1  | 115/230     | 182JM | 9645218100   | A1157NM-3T2P1     | 8.63 | 6.50 | 4.50 | 3.75 | 4.50/5.50 | 0.44 | 6.57 | 5.00 | 2.50 | 4.12 | 6.87 | 3.50 | 4.82 | 24.63 |
|        |      |      |     | 3  | 230/460     | 145JM | 9645218105   | A1157NM-3T2P3     | 6.50 | 5.94 | 3.50 | 2.75 | 4.00/500  | 0.38 | 6.57 | 5.00 | 2.50 | 4.12 | 5.74 | 2.88 | 4.82 | 18.61 |
|        |      |      |     |    | 575         | 145JM | 9645218205   | A1157NM-3T2P5     | 6.50 | 5.94 | 3.50 | 2.75 | 4.00/5.00 | 0.38 | 6.57 | 5.00 | 2.50 | 4.12 | 5.74 | 2.88 | 4.82 | 18.61 |
|        |      |      | 5   | 1  | 230         | 184JM | 9645218110   | A1157NM-5T2P1     | 8.63 | 6.50 | 4.50 | 3.75 | 4.50/5.50 | 0.45 | 6.57 | 5.00 | 2.50 | 4.12 | 6.87 | 3.50 | 4.82 | 21.87 |
|        |      |      |     | 3  | 230/460     | 184JM | 9645218115   | A1157NM-5T2P3     | 8.63 | 6.50 | 4.50 | 3.75 | 4.50/5.50 | 0.41 | 6.57 | 5.00 | 2.50 | 4.12 | 6.87 | 3.50 | 4.82 | 20.38 |
|        |      |      |     |    | 575         | 184JM | 9645218215   | A1157NM-5T2P5     | 8.63 | 6.50 | 4.50 | 3.75 | 4.50/5.50 | 0.41 | 6.57 | 5.00 | 2.50 | 4.12 | 6.87 | 3.50 | 4.82 | 20.38 |
|        |      |      | 7.5 | 3  | 230/460     | 184JM | 9645218125   | A1157NM-7.5T2P3   | 8.63 | 6.50 | 4.50 | 3.75 | 4.50/5.50 | 0.41 | 6.57 | 5.00 | 2.50 | 4.12 | 6.87 | 3.50 | 4.82 | 21.88 |
|        |      |      |     |    | 575         | 184JM | 9645218225   | A1157NM-7.5T2P5   | 8.63 | 6.50 | 4.50 | 3.75 | 4.50/5.50 | 0.41 | 6.57 | 5.00 | 2.50 | 4.12 | 6.87 | 3.50 | 4.82 | 21.88 |
|        |      |      |     |    |             |       |              |                   |      |      |      |      |           |      |      |      |      |      |      |      |      |       |
| AL1157 | 1800 | TEFC | 1   | 3  | 230/460     | 143JM | 9645218325   | AL1157NM-1T4P3    | 6.50 | 5.94 | 3.50 | 2.75 | 4.00/5.00 | 0.34 | 6.57 | 5.00 | 2.50 | 4.12 | 5.73 | 2.88 | 4.82 | 17.75 |



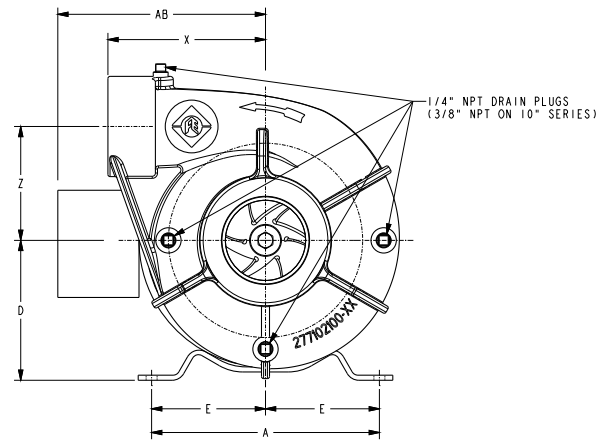
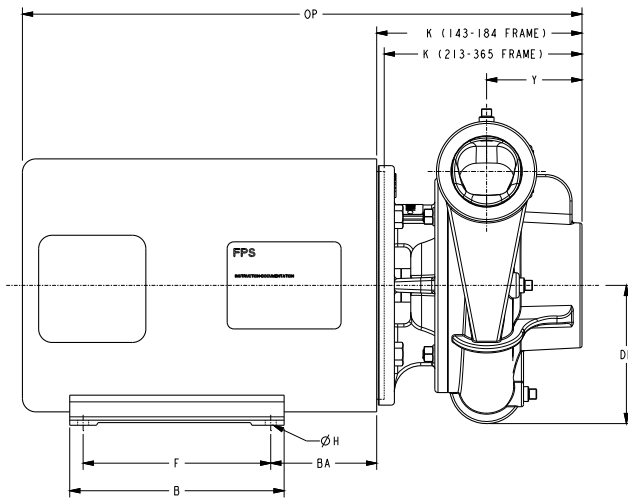
# CENTRIFUGAL PUMPS

## CLOSE-COUPLED AG SERIES

☰ MENU

# FPS

### DIMENSIONS



| Series | RPM  | ENCL | HP       | PH | Volts       | Frame | Order Number | Model Description | A    | B    | D    | E    | F         | H    | K    | X    | Y    | Z    | AB   | BA   | DD   | OP    |
|--------|------|------|----------|----|-------------|-------|--------------|-------------------|------|------|------|------|-----------|------|------|------|------|------|------|------|------|-------|
| A1526  | 3600 | ODP  | 5        | 1  | 230         | 184JM | 9646219100   | A1526NM-5D2P1     | 8.63 | 6.50 | 4.50 | 3.75 | 4.50/5.50 | 0.41 | 6.75 | 5.38 | 2.69 | 3.81 | 6.75 | 3.51 | 4.69 | 19.00 |
|        |      |      |          | 3  | 230/460     | 182JM | 9646219105   | A1526NM-5D2P3     | 8.63 | 6.50 | 4.50 | 3.75 | 4.50/5.50 | 0.41 | 6.75 | 5.38 | 2.69 | 3.81 | 6.74 | 3.50 | 4.69 | 19.00 |
|        |      |      |          |    | 575         | 182JM | 9646219205   | A1526NM-5D2P5     | 8.63 | 6.50 | 4.50 | 3.75 | 4.50/5.50 | 0.41 | 6.75 | 5.38 | 2.69 | 3.81 | 6.74 | 3.50 | 4.69 | 17.62 |
|        |      |      | 7.5      | 1  | 230         | 213JM | 9646219110   | A1526NM-7.5D2P1   | 9.50 | 8.00 | 5.25 | 4.25 | 5.50/7.00 | 0.43 | 6.75 | 5.38 | 2.69 | 3.81 | 7.93 | 4.50 | 4.69 | 20.69 |
|        |      |      |          | 3  | 208-230/460 | 184JM | 9646219115   | A1526NM-7.5D2P3   | 8.75 | 6.50 | 4.50 | 3.75 | 5.50      | 0.41 | 6.75 | 5.38 | 2.69 | 3.81 | 6.88 | 3.63 | 4.69 | 23.00 |
|        |      |      |          |    | 575         | 184JM | 9646219215   | A1526NM-7.5D2P5   | 8.63 | 6.50 | 4.50 | 3.75 | 4.50/5.50 | 0.41 | 6.75 | 5.38 | 2.69 | 3.81 | 5.85 | 3.50 | 4.69 | 19.00 |
|        |      |      | 10       | 1  | 230         | 215JM | 9646219120   | A1526NM-10D2P1    | 9.50 | 8.00 | 5.25 | 4.25 | 5.50/7.00 | 0.41 | 6.75 | 5.38 | 2.69 | 3.81 | 7.93 | 4.50 | 4.69 | 21.81 |
|        |      |      |          | 3  | 208-230/460 | 213JM | 9646219125   | A1526NM-10D2P3    | 9.50 | 8.00 | 5.25 | 4.25 | 5.50/7.00 | 0.43 | 6.75 | 5.38 | 2.69 | 3.81 | 7.92 | 4.25 | 4.69 | 20.69 |
|        |      |      |          |    | 575         | 213JM | 9646219225   | A1526NM-10D2P5    | 9.50 | 8.00 | 5.25 | 4.25 | 5.50/7.00 | 0.44 | 6.75 | 5.38 | 2.69 | 3.81 | 7.93 | 4.25 | 4.69 | 20.69 |
|        |      | TEFC | 5        | 1  | 230         | 184JM | 9646218100   | A1526NM-5T2P1     | 8.63 | 6.50 | 4.50 | 3.75 | 4.50/5.50 | 0.45 | 6.75 | 5.38 | 2.69 | 3.81 | 6.87 | 3.50 | 4.69 | 22.05 |
|        |      |      |          | 3  | 230/460     | 184JM | 9646218105   | A1526NM-5T2P3     | 8.63 | 6.50 | 4.50 | 3.75 | 4.50/5.50 | 0.41 | 6.75 | 5.38 | 2.69 | 3.81 | 6.87 | 3.50 | 4.69 | 20.56 |
|        |      |      |          |    | 575         | 184JM | 9646218205   | A1526NM-5T2P5     | 8.63 | 6.50 | 4.50 | 3.75 | 4.50/5.50 | 0.41 | 6.75 | 5.38 | 2.69 | 3.81 | 6.87 | 3.50 | 4.69 | 20.56 |
|        |      |      | 7.5      | 1  | 230         | 213JM | 9646218110   | A1526NM-7.5T2P1   | 9.50 | 8.00 | 5.25 | 4.25 | 5.50/7.00 | 0.41 | 6.75 | 5.38 | 2.69 | 3.81 | 8.05 | 4.50 | 4.69 | 18.01 |
|        |      |      |          | 3  | 230/460     | 184JM | 9646218115   | A1526NM-7.5T2P3   | 8.63 | 6.50 | 4.50 | 3.75 | 4.50/5.50 | 0.41 | 6.75 | 5.38 | 2.69 | 3.81 | 6.87 | 3.50 | 4.69 | 20.56 |
|        |      |      |          |    | 208-230/460 | 213JM | 9646218116   | A1526NM-7.5T2P3   | 9.50 | 8.00 | 5.25 | 4.25 | 5.50/7.00 | 0.41 | 6.75 | 5.38 | 2.69 | 3.81 | 8.04 | 4.50 | 4.69 | 22.26 |
|        |      |      |          |    | 575         | 213JM | 9646218215   | A1526NM-7.5T2P5   | 9.76 | 8.86 | 5.25 | 4.25 | 5.50/7.00 | 0.41 | 6.75 | 5.38 | 2.69 | 3.81 | 8.58 | 3.50 | 4.69 | 22.67 |
|        |      |      | 10       | 1  | 230         | 215JM | 9646218120   | A1526NM-10T2P1    | 9.50 | 8.00 | 5.25 | 4.25 | 4.00/5.00 | 0.41 | 6.75 | 5.38 | 2.69 | 3.81 | 8.78 | 4.50 | 4.69 | 19.15 |
|        |      |      |          | 3  | 230/460     | 215JM | 9646218125   | A1526NM-10T2P3    | 9.50 | 8.00 | 5.25 | 4.25 | 5.50/7.00 | 0.41 | 6.75 | 5.38 | 2.69 | 3.81 | 8.04 | 4.50 | 4.69 | 22.26 |
|        |      |      |          |    | 575         | 215JM | 9646218225   | A1526NM-10T2P5    | 9.50 | 8.00 | 5.25 | 4.25 | 5.50/7.00 | 0.41 | 6.75 | 5.38 | 2.69 | 3.81 | 8.04 | 4.50 | 4.69 | 22.26 |
| AL1526 | 1800 | TEFC | 1<br>1.5 | 3  | 230/460     | 143JM | 9646218315   | AL1526NM-1T4P3    | 6.50 | 5.94 | 3.50 | 2.75 | 4.00/5.00 | 0.34 | 6.75 | 5.38 | 2.69 | 3.81 | 5.73 | 2.88 | 4.69 | 17.93 |
|        |      |      |          |    | 230/460     | 145JM | 9646218325   | AL1526NM-1.5T4P3  | 6.50 | 5.94 | 3.50 | 2.75 | 4.00/5.00 | 0.34 | 6.75 | 5.38 | 2.69 | 3.81 | 5.73 | 2.88 | 4.69 | 17.93 |

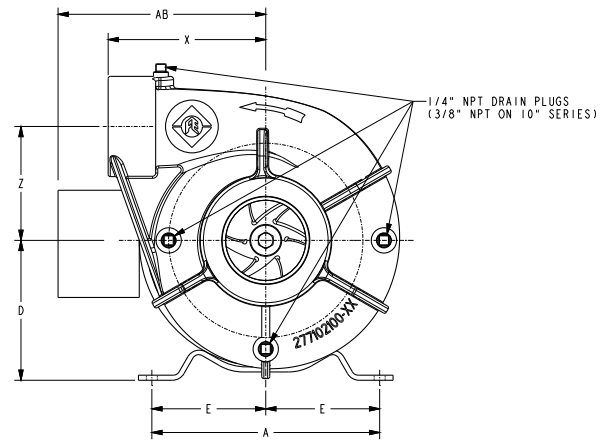
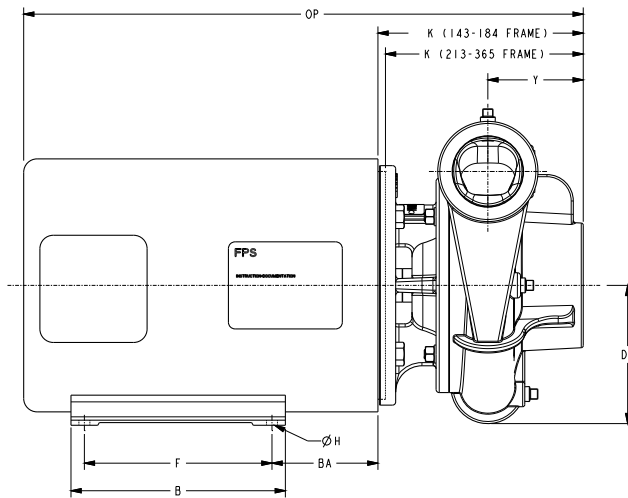
# CENTRIFUGAL PUMPS

## CLOSE-COUPLED AG SERIES

☰ MENU

# FPS

### DIMENSIONS



| Series | RPM  | ENCL | HP  | PH | Volts       | Frame | Order Number | Model Description | A    | B    | D    | E    | F         | H    | K    | X    | Y    | Z    | AB   | BA   | DD   | OP    |
|--------|------|------|-----|----|-------------|-------|--------------|-------------------|------|------|------|------|-----------|------|------|------|------|------|------|------|------|-------|
| A2256  | 3600 | ODP  | 3   | 1  | 115/208-230 | 182JM | 9647219100   | A2256NM-3D2P1     | 8.63 | 6.50 | 4.50 | 3.75 | 4.50/5.50 | 0.41 | 6.88 | 5.38 | 3.07 | 4.12 | 6.75 | 3.50 | 4.72 | 19.13 |
|        |      |      |     | 3  | 230/460     | 145JM | 9647219105   | A2256NM-3D2P3     | 6.50 | 5.94 | 3.50 | 2.75 | 4.00/5.00 | 0.34 | 6.88 | 5.38 | 3.07 | 4.12 | 5.62 | 2.88 | 4.72 | 17.76 |
|        |      |      |     |    | 575         | 143JM | 9647219205   | A2256NM-3D2P5     | 6.50 | 5.94 | 3.50 | 2.75 | 4.00/5.00 | 0.34 | 6.88 | 5.38 | 3.07 | 4.12 | 5.61 | 2.88 | 4.72 | 16.88 |
|        |      |      | 5   | 1  | 230         | 184JM | 9647219110   | A2256NM-5D2P1     | 8.63 | 6.50 | 4.50 | 3.75 | 4.50/5.50 | 0.41 | 6.88 | 5.38 | 3.07 | 4.12 | 6.75 | 3.51 | 4.72 | 19.13 |
|        |      |      |     | 3  | 230/460     | 182JM | 9647219115   | A2256NM-5D2P3     | 8.63 | 6.50 | 4.50 | 3.75 | 4.50/5.50 | 0.41 | 6.88 | 5.38 | 3.07 | 4.12 | 6.74 | 3.50 | 4.72 | 19.13 |
|        |      |      |     |    | 575         | 182JM | 9647219215   | A2256NM-5D2P5     | 8.63 | 6.50 | 4.50 | 3.75 | 4.50/5.50 | 0.41 | 6.88 | 5.38 | 3.07 | 4.12 | 6.74 | 3.50 | 4.72 | 17.75 |
|        |      |      | 7.5 | 1  | 230         | 213JM | 9647219120   | A2256NM-7.5D2P1   | 9.50 | 8.00 | 5.25 | 4.25 | 5.50/7.00 | 0.43 | 6.88 | 5.38 | 3.07 | 4.12 | 7.93 | 4.50 | 4.72 | 20.82 |
|        |      |      |     | 3  | 208-230/460 | 184JM | 9647219125   | A2256NM-7.5D2P3   | 8.75 | 6.5  | 4.5  | 3.75 | 5.50      | 0.41 | 6.88 | 5.38 | 3.07 | 4.12 | 6.88 | 3.63 | 4.72 | 23.13 |
|        |      |      |     |    | 575         | 184JM | 9647219225   | A2256NM-7.5D2P5   | 8.63 | 6.5  | 4.5  | 3.75 | 4.50/5.50 | 0.41 | 6.88 | 5.38 | 3.07 | 4.12 | 5.85 | 3.50 | 4.72 | 19.13 |
|        |      |      | 10  | 1  | 230         | 215JM | 9647219130   | A2256NM-10D2P1    | 9.50 | 8.00 | 5.25 | 4.25 | 5.50/7.00 | 0.41 | 6.88 | 5.38 | 3.07 | 4.12 | 7.93 | 4.50 | 4.72 | 21.94 |
|        |      |      |     | 3  | 208-230/460 | 213JM | 9647219135   | A2256NM-10D2P3    | 9.50 | 8.00 | 5.25 | 4.25 | 5.50/7.00 | 0.43 | 6.88 | 5.38 | 3.07 | 4.12 | 7.92 | 4.25 | 4.72 | 20.82 |
|        |      |      |     |    | 575         | 213JM | 9647219235   | A2256NM-10D2P5    | 9.50 | 8.00 | 5.25 | 4.25 | 5.50/7.00 | 0.44 | 6.88 | 5.38 | 3.07 | 4.12 | 7.93 | 4.25 | 4.72 | 20.82 |
|        |      |      | 15  | 3  | 230/460     | 215JM | 9647219140   | A2256NM-15D2P3    | 9.50 | 8.00 | 5.25 | 4.25 | 5.50/7.00 | 0.43 | 6.88 | 5.38 | 3.07 | 4.12 | 7.92 | 4.25 | 4.72 | 20.82 |
|        |      |      |     |    | 575         | 215JM | 9647219240   | A2256NM-15D2P5    | 9.50 | 8.00 | 5.25 | 4.25 | 5.50/7.00 | 0.44 | 6.88 | 5.38 | 3.07 | 4.12 | 7.93 | 4.25 | 4.72 | 20.82 |
|        |      | TEFC | 3   | 1  | 115/230     | 182JM | 9647218100   | A2256NM-3T2P1     | 8.63 | 6.50 | 4.50 | 3.75 | 4.50/5.50 | 0.44 | 6.88 | 5.38 | 3.07 | 4.12 | 6.87 | 3.50 | 4.72 | 24.94 |
|        |      |      |     | 3  | 230/460     | 145JM | 9647218105   | A2256NM-3T2P3     | 6.50 | 5.94 | 3.50 | 2.75 | 4.00/5.00 | 0.38 | 6.88 | 5.38 | 3.07 | 4.12 | 5.74 | 2.88 | 4.72 | 18.92 |
|        |      |      |     |    | 575         | 145JM | 9647218205   | A2256NM-3T2P5     | 6.50 | 5.94 | 3.50 | 2.75 | 4.00/5.00 | 0.38 | 6.88 | 5.38 | 3.07 | 4.12 | 5.74 | 2.88 | 4.72 | 18.92 |
|        |      |      | 5   | 1  | 230         | 184JM | 9647218110   | A2256NM-5T2P1     | 8.63 | 6.5  | 4.5  | 3.75 | 4.50/5.50 | 0.45 | 6.88 | 5.38 | 3.07 | 4.12 | 6.87 | 3.50 | 4.72 | 22.18 |
|        |      |      |     | 3  | 230/460     | 184JM | 9647218115   | A2256NM-5T2P3     | 8.63 | 6.5  | 4.5  | 3.75 | 4.50/5.50 | 0.41 | 6.88 | 5.38 | 3.07 | 4.12 | 6.87 | 3.50 | 4.72 | 20.69 |
|        |      |      |     |    | 575         | 184JM | 9647218215   | A2256NM-5T2P5     | 8.63 | 6.5  | 4.5  | 3.75 | 4.50/5.50 | 0.41 | 6.88 | 5.38 | 3.07 | 4.12 | 6.87 | 3.50 | 4.72 | 20.69 |
|        |      |      | 7.5 | 1  | 230         | 213JM | 9647218120   | A2256NM-7.5T2P1   | 9.50 | 8.00 | 5.25 | 4.25 | 5.50/7.00 | 0.41 | 6.88 | 5.38 | 3.07 | 4.12 | 8.05 | 4.50 | 4.72 | 18.14 |
|        |      |      |     | 3  | 230/460     | 184JM | 9647218125   | A2256NM-7.5T2P3   | 8.63 | 6.5  | 4.5  | 3.75 | 4.50/5.50 | 0.41 | 6.88 | 5.38 | 3.07 | 4.12 | 6.87 | 3.50 | 4.72 | 22.19 |
|        |      |      |     |    | 208-230/460 | 213JM | 9647218126   | A2256NM-7.5T2P3   | 9.50 | 8.00 | 5.25 | 4.25 | 5.50/7.00 | 0.41 | 6.88 | 5.38 | 3.07 | 4.12 | 8.04 | 4.50 | 4.72 | 22.39 |
|        |      |      | 10  | 3  | 575         | 213JM | 9647218225   | A2256NM-7.5T2P5   | 9.76 | 8.86 | 5.25 | 4.25 | 5.50/7.00 | 0.41 | 6.88 | 5.38 | 3.07 | 4.12 | 8.58 | 3.50 | 4.72 | 22.8  |
|        |      |      |     | 1  | 230         | 215JM | 9647218130   | A2256NM-10TSP1    | 9.50 | 8.00 | 5.25 | 4.25 | 4.00/5.00 | 0.41 | 6.88 | 5.38 | 3.07 | 4.12 | 8.78 | 4.50 | 4.72 | 19.28 |
|        |      |      |     | 3  | 230/460     | 215JM | 9647218135   | A2256NM-10T2P3    | 9.50 | 8.00 | 5.25 | 4.25 | 5.50/7.00 | 0.41 | 6.88 | 5.38 | 3.07 | 4.12 | 8.04 | 4.50 | 4.72 | 22.39 |
|        |      |      |     |    | 575         | 215JM | 9647218235   | A2256NM-10T2P5    | 9.50 | 8.00 | 5.25 | 4.25 | 5.50/7.00 | 0.41 | 6.88 | 5.38 | 3.07 | 4.12 | 8.04 | 4.50 | 4.72 | 22.39 |
|        |      |      | 15  | 3  | 208-230/460 | 215JM | 9647218140   | A2256NM-15T2P3    | 9.50 | 8.00 | 5.25 | 4.25 | 5.50/7.00 | 0.41 | 6.88 | 5.38 | 3.07 | 4.12 | 8.04 | 4.50 | 4.72 | 25.02 |
|        |      |      |     |    | 575         | 215JM | 9647218240   | A2256NM-15T2P5    | 9.50 | 8.00 | 5.25 | 4.25 | 5.50/7.00 | 0.41 | 6.88 | 5.38 | 3.07 | 4.12 | 8.04 | 4.50 | 4.72 | 25.01 |
| AL2256 | 1800 | TEFC | 1   |    |             | 143JM | 9647218325   | AL2256NM-1T4P3    | 6.50 | 5.94 | 3.50 | 2.75 | 4.00/5.00 | 0.34 | 6.88 | 5.38 | 3.07 | 4.12 | 5.73 | 2.88 | 4.72 | 18.06 |
|        |      |      | 1.5 | 3  | 230/460     | 145JM | 9647218335   | AL2256NM-1.5T4P3  | 6.50 | 5.94 | 3.50 | 2.75 | 4.00/5.00 | 0.34 | 6.88 | 5.38 | 3.07 | 4.12 | 5.73 | 2.88 | 4.72 | 18.06 |
|        |      |      | 2   |    |             | 145JM | 9647218340   | AL2256NM-2T4P3    | 6.50 | 5.94 | 3.50 | 2.75 | 4.00/5.00 | 0.34 | 6.88 | 5.38 | 3.07 | 4.12 | 5.73 | 2.88 | 4.72 | 18.06 |

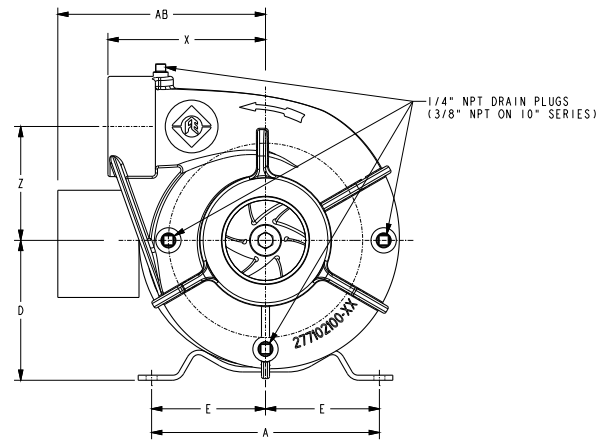
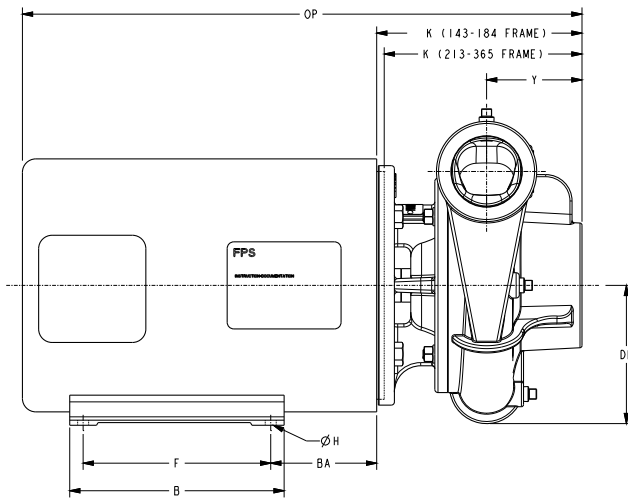
# CENTRIFUGAL PUMPS

## CLOSE-COUPLED AG SERIES

☰ MENU

# FPS

### DIMENSIONS



| Series | RPM  | ENCL | HP  | PH  | Volts       | Frame | Order Number | Model Description | A     | B     | D    | E    | F          | H    | K    | X    | Y    | Z    | AB    | BA   | DD   | OP    |
|--------|------|------|-----|-----|-------------|-------|--------------|-------------------|-------|-------|------|------|------------|------|------|------|------|------|-------|------|------|-------|
| A238   | 3600 | ODP  | 7.5 | 1   | 230         | 213JM | 9650219100   | A238NM-7.5D2P1    | 9.50  | 8.00  | 5.25 | 4.25 | 5.50/7.00  | 0.43 | 8.12 | 7.75 | 3.75 | 4.75 | 7.93  | 4.50 | 5.38 | 22.06 |
|        |      |      |     | 3   | 208-230/460 | 184JM | 9650219105   | A238NM-7.5D2P3    | 8.75  | 6.50  | 4.50 | 3.75 | 5.50       | 0.41 | 8.12 | 7.75 | 3.75 | 4.75 | 6.88  | 3.63 | 5.38 | 24.37 |
|        |      |      |     |     | 575         | 184JM | 9650219205   | A238NM-7.5D2P5    | 8.63  | 6.50  | 4.5  | 3.75 | 4.50/5.50  | 0.41 | 8.12 | 7.75 | 3.75 | 4.75 | 5.85  | 3.5  | 5.38 | 20.37 |
|        |      |      | 10  | 1   | 230         | 215JM | 9650219110   | A238NM-10D2P1     | 9.50  | 8.00  | 5.25 | 4.25 | 5.50/7.00  | 0.41 | 8.12 | 7.75 | 3.75 | 4.75 | 7.93  | 4.50 | 5.38 | 23.18 |
|        |      |      |     | 3   | 208-230/460 | 213JM | 9650219115   | A238NM-10D2P3     | 9.50  | 8.00  | 5.25 | 4.25 | 5.50/7.00  | 0.43 | 8.12 | 7.75 | 3.75 | 4.75 | 7.92  | 4.25 | 5.38 | 22.06 |
|        |      |      |     |     | 575         | 213JM | 9650219215   | A238NM-10D2P5     | 9.50  | 8.00  | 5.25 | 4.25 | 5.50/7.00  | 0.44 | 8.12 | 7.75 | 3.75 | 4.75 | 7.93  | 4.25 | 5.38 | 22.06 |
|        |      |      | 15  | 3   | 230/460     | 215JM | 9650219120   | A238NM-15D2P3     | 9.50  | 8.00  | 5.25 | 4.25 | 5.50/7.00  | 0.43 | 8.12 | 7.75 | 3.75 | 4.75 | 7.92  | 4.25 | 5.38 | 22.06 |
|        |      |      |     |     | 575         | 215JM | 9650219220   | A238NM-15D2P5     | 9.50  | 8.00  | 5.25 | 4.25 | 5.50/7.00  | 0.44 | 8.12 | 7.75 | 3.75 | 4.75 | 7.93  | 4.25 | 5.38 | 22.06 |
|        |      |      | 20  | 3   | 230/460     | 254JM | 9650219125   | A238NM-20D2P3     | 11.25 | 11.25 | 6.25 | 5.00 | 8.25/10.00 | 0.53 | 9.05 | 7.75 | 3.75 | 4.75 | 9.49  | 4.75 | 5.38 | 26.99 |
|        |      |      |     |     | 575         | 254JM | 9650219225   | A238NM-20D2P5     | 11.25 | 9.50  | 6.25 | 5.00 | 8.25       | 0.53 | 9.05 | 7.75 | 3.75 | 4.75 | 9.72  | 4.75 | 5.38 | 24.93 |
|        |      | TEFC | 7.5 | 1   | 230         | 213JM | 9650218100   | A238NM-7.5T2P1    | 9.50  | 8.00  | 5.25 | 4.25 | 5.50/7.00  | 0.41 | 8.12 | 7.75 | 3.75 | 4.75 | 8.05  | 4.50 | 5.38 | 19.38 |
|        |      |      |     | 3   | 208-230/460 | 213JM | 9650218105   | A238NM-7.5T2P3    | 9.50  | 8.00  | 5.25 | 4.25 | 5.50/7.00  | 0.41 | 8.12 | 7.75 | 3.75 | 4.75 | 8.04  | 4.50 | 5.38 | 23.63 |
|        |      |      |     |     | 575         | 213JM | 9650218205   | A238NM-7.5T2P5    | 9.76  | 8.86  | 5.25 | 4.25 | 5.50/7.00  | 0.41 | 8.12 | 7.75 | 3.75 | 4.75 | 8.58  | 3.50 | 5.38 | 24.04 |
|        |      |      | 10  | 1   | 230         | 215JM | 9650218110   | A238NM-10T2P1     | 9.50  | 8.00  | 5.25 | 4.25 | 4.00/5.00  | 0.41 | 8.12 | 7.75 | 3.75 | 4.75 | 8.78  | 4.50 | 5.38 | 20.52 |
|        |      |      |     | 3   | 230/460     | 215JM | 9650218115   | A238NM-10T2P3     | 9.50  | 8.00  | 5.25 | 4.25 | 5.50/7.00  | 0.41 | 8.12 | 7.75 | 3.75 | 4.75 | 8.04  | 4.50 | 5.38 | 23.63 |
|        |      |      |     |     | 575         | 215JM | 9650218215   | A238NM-10T2P5     | 9.50  | 8.00  | 5.25 | 4.25 | 5.50/7.00  | 0.41 | 8.12 | 7.75 | 3.75 | 4.75 | 8.04  | 4.50 | 5.38 | 23.63 |
|        |      |      | 15  | 3   | 208-230/460 | 215JM | 9650218120   | A238NM-15T2P3     | 9.50  | 8.00  | 5.25 | 4.25 | 5.50/7.00  | 0.41 | 8.12 | 7.75 | 3.75 | 4.75 | 8.04  | 4.50 | 5.38 | 26.26 |
|        |      |      |     |     | 575         | 215JM | 9650218220   | A238NM-15T2P5     | 9.50  | 8.00  | 5.25 | 4.25 | 5.50/7.00  | 0.41 | 8.12 | 7.75 | 3.75 | 4.75 | 8.04  | 4.50 | 5.38 | 26.25 |
|        |      |      | 20  | 3   | 230/460     | 256JM | 9650218125   | A238NM-20T2P3     | 11.50 | 11.50 | 6.25 | 5.00 | 8.25/10.00 | 0.53 | 9.05 | 7.75 | 3.75 | 4.75 | 10.04 | 4.75 | 5.38 | 29.10 |
|        |      |      |     |     | 575         | 256JM | 9650218225   | A238NM-20T2P5     | 11.38 | 12.44 | 6.25 | 5.00 | 10.00      | 0.53 | 9.05 | 7.75 | 3.75 | 4.75 | 9.94  | 4.25 | 5.38 | 30.93 |
| AL238  | 1800 | TEFC | 1.5 | 3   | 230/460     | 143JM | 9650218305   | AL238NM-1T4P3     | 6.50  | 5.94  | 3.50 | 2.75 | 4.00/5.00  | 0.34 | 8.12 | 7.75 | 3.75 | 4.75 | 5.73  | 2.88 | 5.38 | 19.3  |
|        |      |      |     |     | 230/460     | 145JM | 9650218315   | AL238NM-1.5T4P3   | 6.50  | 5.94  | 3.50 | 2.75 | 4.00/5.00  | 0.34 | 8.12 | 7.75 | 3.75 | 4.75 | 5.73  | 2.88 | 5.38 | 19.3  |
|        |      |      |     |     | 230/460     | 145JM | 9650218320   | AL238NM-2T4P3     | 6.50  | 5.94  | 3.50 | 2.75 | 4.00/5.00  | 0.34 | 8.12 | 7.75 | 3.75 | 4.75 | 5.73  | 2.88 | 5.38 | 19.3  |
|        |      |      | 3   | 1   | 208-230     | 184JM | 9650218355   | AL238NM-3T4P1     | 8.38  | 6.38  | 4.50 | 3.75 | 5.50       | 0.41 | 8.12 | 7.75 | 3.75 | 4.75 | 7.31  | 4.25 | 5.38 | 24.15 |
|        |      |      |     | 3   | 230/460     | 182JM | 9650218325   | AL238NM-3T4P3     | 8.63  | 6.50  | 4.50 | 3.75 | 4.50/5.50  | 0.41 | 8.12 | 7.75 | 3.75 | 4.75 | 6.87  | 3.50 | 5.38 | 21.93 |
|        |      |      |     |     |             | 143JM | 9651218305   | AL2310NM-1T4P3    | 6.50  | 5.94  | 3.50 | 2.75 | 4.00/5.00  | 0.34 | 7.64 | 7.48 | 3.5  | 5.75 | 5.73  | 2.88 | 6.6  | 18.82 |
| AL2310 | 1800 | TEFC | 3   | 1.5 | 230/460     | 143JM | 9651218315   | AL2310NM-1.5T4P3  | 6.50  | 5.94  | 3.50 | 2.75 | 4.00/5.00  | 0.34 | 7.64 | 7.48 | 3.5  | 5.75 | 5.73  | 2.88 | 6.6  | 18.82 |
|        |      |      |     | 2   |             | 145JM | 9651218320   | AL2310NM-2T4P3    | 6.50  | 5.94  | 3.50 | 2.75 | 4.00/5.00  | 0.34 | 7.64 | 7.48 | 3.5  | 5.75 | 5.73  | 2.88 | 6.6  | 18.82 |
|        |      |      |     | 3   |             | 182JM | 9651218325   | AL2310NM-3T4P3    | 8.63  | 6.50  | 4.50 | 3.75 | 4.50/5.50  | 0.41 | 7.64 | 7.48 | 3.5  | 5.75 | 6.87  | 3.50 | 6.6  | 21.45 |

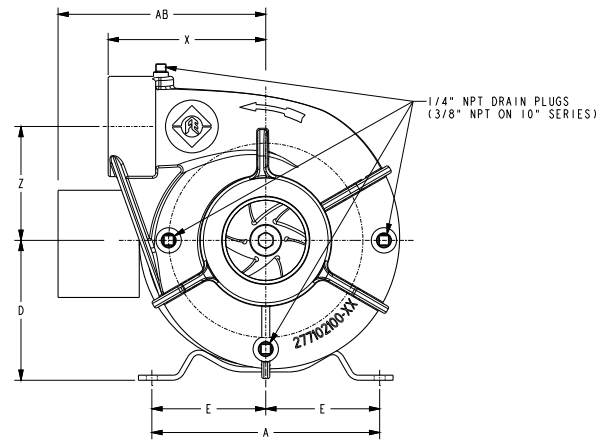
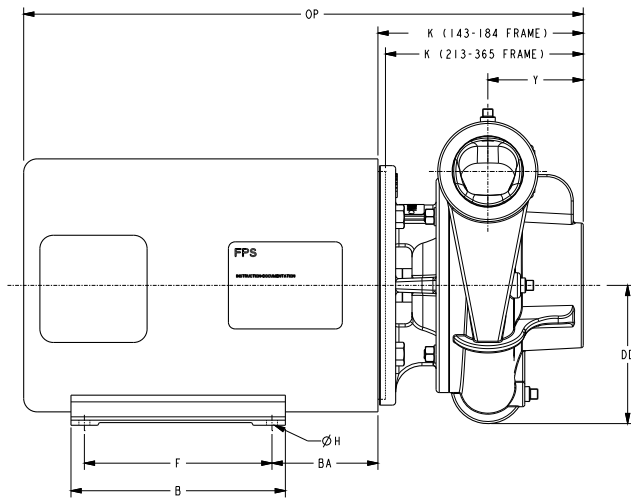
# CENTRIFUGAL PUMPS

## CLOSE-COUPLED AG SERIES

☰ MENU

# FPS

### DIMENSIONS



| Series | RPM  | ENCL | HP  | PH | Volts       | Frame | Order Number | Model Description | A    | B    | D    | E    | F         | H    | K    | X    | Y    | Z    | AB   | BA   | DD   | OP    |
|--------|------|------|-----|----|-------------|-------|--------------|-------------------|------|------|------|------|-----------|------|------|------|------|------|------|------|------|-------|
| A2536  | 3600 | ODP  | 3   | 1  | 115/208-230 | 182JM | 9653219100   | A2536NM-3D2P1     | 8.63 | 6.50 | 4.50 | 3.75 | 4.50/5.50 | 0.41 | 7.38 | 5.88 | 3.56 | 4.25 | 6.75 | 3.50 | 5.16 | 19.63 |
|        |      |      |     | 3  | 230/460     | 145JM | 9653219105   | A2536NM-3D2P3     | 6.50 | 5.94 | 3.50 | 2.75 | 4.00/5.00 | 0.34 | 7.38 | 5.88 | 3.56 | 4.25 | 5.62 | 2.88 | 5.16 | 18.26 |
|        |      |      |     |    | 575         | 143JM | 9653219205   | A2536NM-3D2P5     | 6.50 | 5.94 | 3.50 | 2.75 | 4.00/5.00 | 0.34 | 7.38 | 5.88 | 3.56 | 4.25 | 5.61 | 2.88 | 5.16 | 17.38 |
|        |      |      | 5   | 1  | 230         | 184JM | 9653219110   | A2536NM-5D2P1     | 8.63 | 6.50 | 4.50 | 3.75 | 4.50/5.50 | 0.41 | 7.38 | 5.88 | 3.56 | 4.25 | 6.75 | 3.51 | 5.16 | 19.63 |
|        |      |      |     | 3  | 230/460     | 182JM | 9653219115   | A2536NM-5D2P3     | 8.63 | 6.50 | 4.50 | 3.75 | 4.50/5.50 | 0.41 | 7.38 | 5.88 | 3.56 | 4.25 | 6.74 | 3.50 | 5.16 | 19.63 |
|        |      |      |     |    | 575         | 182JM | 9653219215   | A2536NM-5D2P5     | 8.63 | 6.50 | 4.50 | 3.75 | 4.50/5.50 | 0.41 | 7.38 | 5.88 | 3.56 | 4.25 | 6.74 | 3.50 | 5.16 | 18.25 |
|        |      |      | 7.5 | 1  | 230         | 213JM | 9653219120   | A2536NM-7.5D2P1   | 9.50 | 8.00 | 5.25 | 4.25 | 5.50/7.00 | 0.43 | 7.38 | 5.88 | 3.56 | 4.25 | 7.93 | 4.50 | 5.16 | 21.32 |
|        |      |      |     | 3  | 208-230/460 | 184JM | 9653219125   | A2536NM-7.5D2P3   | 8.75 | 6.50 | 4.50 | 3.75 | 5.50      | 0.41 | 7.38 | 5.88 | 3.56 | 4.25 | 6.88 | 3.63 | 5.16 | 23.63 |
|        |      |      |     |    | 575         | 184JM | 9653219225   | A2536NM-7.5D2P5   | 8.63 | 6.50 | 4.50 | 3.75 | 4.50/5.50 | 0.41 | 7.38 | 5.88 | 3.56 | 4.25 | 5.85 | 3.50 | 5.16 | 19.63 |
|        |      |      | 10  | 1  | 230         | 215JM | 9653219130   | A2536NM-10D2P1    | 9.50 | 8.00 | 5.25 | 4.25 | 5.50/7.00 | 0.41 | 7.38 | 5.88 | 3.56 | 4.25 | 7.93 | 4.50 | 5.16 | 22.44 |
|        |      |      |     | 3  | 208-230/460 | 213JM | 9653219135   | A2536NM-10D2P3    | 9.50 | 8.00 | 5.25 | 4.25 | 5.50/7.00 | 0.43 | 7.38 | 5.88 | 3.56 | 4.25 | 7.92 | 4.25 | 5.16 | 21.32 |
|        |      |      |     |    | 575         | 213JM | 9653219235   | A2536NM-10D2P5    | 9.50 | 8.00 | 5.25 | 4.25 | 5.50/7.00 | 0.44 | 7.38 | 5.88 | 3.56 | 4.25 | 7.93 | 4.25 | 5.16 | 21.32 |
|        |      |      | 15  | 3  | 230/460     | 215JM | 9653219140   | A2536NM-15D2P3    | 9.50 | 8.00 | 5.25 | 4.25 | 5.50/7.00 | 0.43 | 7.38 | 5.88 | 3.56 | 4.25 | 7.92 | 4.25 | 5.16 | 21.32 |
|        |      |      |     |    | 575         | 215JM | 9653219240   | A2536NM-15D2P5    | 9.50 | 8.00 | 5.25 | 4.25 | 5.50/7.00 | 0.44 | 7.38 | 5.88 | 3.56 | 4.25 | 7.93 | 4.25 | 5.16 | 21.32 |
|        |      | TEFC | 3   | 1  | 115/230     | 182JM | 9653218100   | A2536NM-3T2P1     | 8.63 | 6.50 | 4.50 | 3.75 | 4.50/5.50 | 0.44 | 7.38 | 5.88 | 3.56 | 4.25 | 6.87 | 3.50 | 5.16 | 25.44 |
|        |      |      |     | 3  | 230/460     | 145JM | 9653218105   | A2536NM-3T2P3     | 6.50 | 5.94 | 3.50 | 2.75 | 4.00/5.00 | 0.38 | 7.38 | 5.88 | 3.56 | 4.25 | 5.74 | 2.88 | 5.16 | 19.42 |
|        |      |      |     |    | 575         | 145JM | 9653218205   | A2536NM-3T2P5     | 6.50 | 5.94 | 3.50 | 2.75 | 4.00/5.00 | 0.38 | 7.38 | 5.88 | 3.56 | 4.25 | 5.74 | 2.88 | 5.16 | 19.42 |
|        |      |      | 5   | 1  | 230         | 184JM | 9653218110   | A2536NM-5T2P1     | 8.63 | 6.50 | 4.50 | 3.75 | 4.50/5.50 | 0.45 | 7.38 | 5.88 | 3.56 | 4.25 | 6.87 | 3.50 | 5.16 | 22.68 |
|        |      |      |     | 3  | 230/460     | 184JM | 9653218115   | A2536NM-5T2P3     | 8.63 | 6.50 | 4.50 | 3.75 | 4.50/5.50 | 0.41 | 7.38 | 5.88 | 3.56 | 4.25 | 6.87 | 3.50 | 5.16 | 21.19 |
|        |      |      |     |    | 575         | 184JM | 9653218215   | A2536NM-5T2P5     | 8.63 | 6.50 | 4.50 | 3.75 | 4.50/5.50 | 0.41 | 7.38 | 5.88 | 3.56 | 4.25 | 6.87 | 3.50 | 5.16 | 21.19 |
|        |      |      | 7.5 | 1  | 230         | 213JM | 9653218120   | A2536NM-7.5T2P1   | 9.50 | 8.00 | 5.25 | 4.25 | 5.50/7.00 | 0.41 | 7.38 | 5.88 | 3.56 | 4.25 | 8.05 | 4.50 | 5.16 | 18.64 |
|        |      |      |     | 3  | 208-230/460 | 213JM | 9653218125   | A2536NM-7.5T2P3   | 9.50 | 8.00 | 5.25 | 4.25 | 5.50/7.00 | 0.41 | 7.38 | 5.88 | 3.56 | 4.25 | 8.04 | 4.50 | 5.16 | 22.89 |
|        |      |      |     |    | 575         | 213JM | 9653218225   | A2536NM-7.5T2P5   | 9.76 | 8.86 | 5.25 | 4.25 | 5.50/7.00 | 0.41 | 7.38 | 5.88 | 3.56 | 4.25 | 8.58 | 3.50 | 5.16 | 23.30 |
|        |      |      | 10  | 1  | 230         | 215JM | 9653218130   | A2536NM-10T2P1    | 9.50 | 8.00 | 5.25 | 4.25 | 4.00/5.00 | 0.41 | 7.38 | 5.88 | 3.56 | 4.25 | 8.78 | 4.50 | 5.16 | 19.78 |
|        |      |      |     | 3  | 230/460     | 215JM | 9653218135   | A2536NM-10T2P3    | 9.50 | 8.00 | 5.25 | 4.25 | 5.50/7.00 | 0.41 | 7.38 | 5.88 | 3.56 | 4.25 | 8.04 | 4.50 | 5.16 | 22.89 |
|        |      |      |     |    | 575         | 215JM | 9653218235   | A2536NM-10T2P5    | 9.50 | 8.00 | 5.25 | 4.25 | 5.50/7.00 | 0.41 | 7.38 | 5.88 | 3.56 | 4.25 | 8.04 | 4.50 | 5.16 | 22.89 |
|        |      |      | 15  | 3  | 208-230/460 | 215JM | 9653218140   | A2536NM-15T2P3    | 9.50 | 8.00 | 5.25 | 4.25 | 5.50/7.00 | 0.41 | 7.38 | 5.88 | 3.56 | 4.25 | 8.04 | 4.50 | 5.16 | 25.52 |
|        |      |      |     |    | 575         | 215JM | 9653218240   | A2536NM-15T2P5    | 9.50 | 8.00 | 5.25 | 4.25 | 5.50/7.00 | 0.41 | 7.38 | 5.88 | 3.56 | 4.25 | 8.04 | 4.50 | 5.16 | 25.51 |
| AL2536 | 1800 | TEFC | 1   | 3  | 230/460     | 143JM | 9653218325   | AL2536NM-1T4P3    | 6.50 | 5.94 | 3.50 | 2.75 | 4.00/5.00 | 0.34 | 7.38 | 5.88 | 3.56 | 4.25 | 5.73 | 2.88 | 5.16 | 18.56 |
|        |      |      | 1.5 |    |             | 145JM | 9653218335   | AL2536NM-1.5T4P3  | 6.50 | 5.94 | 3.50 | 2.75 | 4.00/5.00 | 0.34 | 7.38 | 5.88 | 3.56 | 4.25 | 5.73 | 2.88 | 5.16 | 18.56 |
|        |      |      | 2   |    |             | 145JM | 9653218340   | AL2536NM-2T4P3    | 6.50 | 5.94 | 3.50 | 2.75 | 4.00/5.00 | 0.34 | 7.38 | 5.88 | 3.56 | 4.25 | 5.73 | 2.88 | 5.16 | 18.56 |

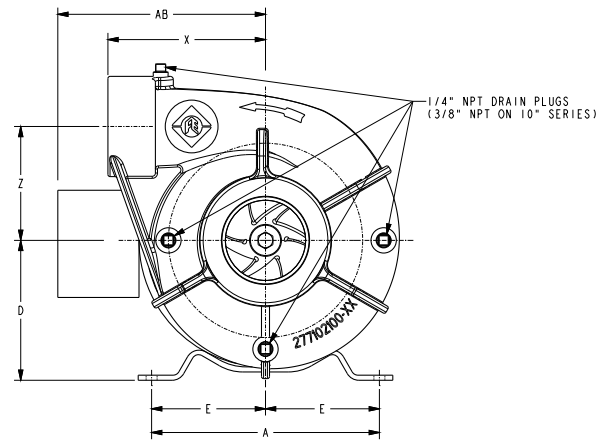
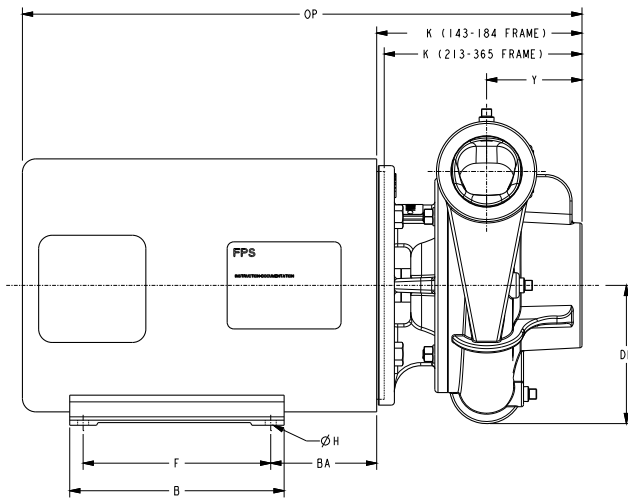
# CENTRIFUGAL PUMPS

## CLOSE-COUPLED AG SERIES

☰ MENU

# FPS

### DIMENSIONS



| Series  | RPM  | ENCL | HP | PH | Volts       | Frame | Order Number | Model Description | A     | B     | D    | E    | F           | H    | K    | X    | Y    | Z    | AB    | BA   | DD   | OP    |
|---------|------|------|----|----|-------------|-------|--------------|-------------------|-------|-------|------|------|-------------|------|------|------|------|------|-------|------|------|-------|
| A25410  | 3600 | ODP  | 20 | 3  | 230/460     | 254JM | 9654219105   | A25410NM-20D2P3   | 11.25 | 11.25 | 6.25 | 5.00 | 8.25/10.00  | 0.53 | 8.90 | 8.00 | 3.66 | 6.00 | 9.49  | 4.75 | 7.00 | 27.07 |
|         |      |      |    |    | 575         | 254JM | 9654219205   | A25410NM-20D2P5   | 11.25 | 9.50  | 6.25 | 5.00 | 8.25        | 0.53 | 8.90 | 8.00 | 3.66 | 6.00 | 9.72  | 4.75 | 7.00 | 25.01 |
|         |      |      | 25 | 3  | 230/460     | 256JM | 9654219110   | A25410NM-25D2P3   | 11.25 | 11.25 | 6.25 | 5.00 | 8.25/10.00  | 0.53 | 8.90 | 8.00 | 3.66 | 6.00 | 9.49  | 4.75 | 7.00 | 27.07 |
|         |      |      |    |    | 575         | 256JM | 9654219210   | A25410NM-25D2P5   | 11.42 | 11.42 | 6.25 | 5.00 | 8.25/10.00  | 0.53 | 8.90 | 8.00 | 3.66 | 6.00 | 9.45  | 4.75 | 7.00 | 25.85 |
|         |      |      | 30 | 3  | 230/460     | 284JM | 9654219115   | A25410NM-30D2P3   | 12.25 | 12.24 | 7.00 | 5.50 | 9.50/11.00  | 0.53 | 8.90 | 8.00 | 3.66 | 6.00 | 11.37 | 4.75 | 7.00 | 30.41 |
|         |      |      |    |    | 575         | 284JM | 9654219215   | A25410NM-30D2P5   | 13.78 | 11.57 | 7.00 | 5.50 | 9.50        | 0.53 | 8.90 | 8.00 | 3.66 | 6.00 | 10.87 | 5.00 | 7.00 | 30.99 |
|         |      |      | 40 | 3  | 208-230/460 | 286JM | 9654219120   | A25410NM-40D2P3   | 13.50 | 12.94 | 7.00 | 5.50 | 11.00       | 0.53 | 8.90 | 8.00 | 3.66 | 6.00 | 11.75 | 4.75 | 7.00 | 29.60 |
|         |      |      |    |    | 575         | 286JM | 9654219220   | A25410NM-40D2P5   | 13.78 | 12.53 | 7.00 | 5.50 | 11.00       | 0.53 | 8.90 | 8.00 | 3.66 | 6.00 | 11.93 | 5.00 | 7.00 | 29.38 |
|         |      | TEFC | 20 | 3  | 230/460     | 256JM | 9654218105   | A25410NM-20T2P3   | 11.50 | 11.50 | 6.25 | 5.00 | 8.25/10.00  | 0.53 | 8.90 | 8.00 | 3.66 | 6.00 | 10.04 | 4.75 | 7.00 | 29.18 |
|         |      |      |    |    | 575         | 256JM | 9654218205   | A25410NM-20T2P5   | 11.38 | 12.44 | 6.25 | 5.00 | 10.00       | 0.53 | 8.90 | 8.00 | 3.66 | 6.00 | 9.94  | 4.25 | 7.00 | 31.01 |
|         |      |      | 25 | 3  | 230/460     | 284JM | 9654218110   | A25410NM-25T2P3   | 12.75 | 12.84 | 7.00 | 5.50 | 9.50/11.00  | 0.53 | 8.90 | 8.00 | 3.66 | 6.00 | 12.09 | 4.75 | 7.00 | 30.81 |
|         |      |      |    |    | 575         | 256JP | 9654218210   | A25410NM-25T2P5   | 11.38 | 12.44 | 6.25 | 5.00 | 10.00       | 0.53 | 8.90 | 8.00 | 3.66 | 6.00 | 9.94  | 4.75 | 7.00 | 30.98 |
|         |      |      | 30 | 3  | 230/460     | 286JM | 9654218115   | A25410NM-30T2P3   | 12.75 | 12.84 | 7.00 | 5.50 | 9.50/11.00  | 0.53 | 8.90 | 8.00 | 3.66 | 6.00 | 13.11 | 4.75 | 7.00 | 32.49 |
|         |      |      |    |    | 575         | 286JM | 9654218215   | A25410NM-30T2P5   | 13.94 | 12.32 | 7.00 | 5.50 | 11.00       | 0.57 | 8.90 | 8.00 | 3.66 | 6.00 | 11.32 | 4.75 | 7.00 | 32.87 |
|         |      |      | 40 | 3  | 230/460     | 324JM | 9654218120   | A25410NM-40T2P3   | 14.50 | 14.00 | 8.00 | 6.25 | 10.50/12.00 | 0.66 | 8.90 | 8.00 | 3.66 | 6.00 | 13.74 | 5.25 | 7.00 | 34.49 |
|         |      |      |    |    | 575         | 286JM | 9654218220   | A25410NM-40T2P5   | 13.50 | 12.94 | 7.00 | 5.50 | 11.00       | 0.53 | 8.90 | 8.00 | 3.66 | 6.00 | 11.75 | 4.75 | 7.00 | 29.60 |
| AL25410 | 1800 | TEFC | 3  | 1  | 115/230     | 184JM | 9654218330   | AL25410NM-3T4P1B  | 8.38  | 6.38  | 4.50 | 3.75 | 5.50        | 0.41 | 7.89 | 8.00 | 3.66 | 6.00 | 7.31  | 4.25 | 7.00 | 23.92 |
|         |      |      |    |    |             | 184JM | 9654218335   | AL25410NM-3T4P1   | 8.38  | 6.38  | 4.50 | 3.75 | 5.50        | 0.41 | 7.89 | 8.00 | 3.66 | 6.00 | 7.31  | 4.25 | 7.00 | 23.92 |
|         |      |      |    | 3  | 230/460     | 182JM | 9654218305   | AL25410NM-3T4P3B  | 8.63  | 6.50  | 4.50 | 3.75 | 4.50 / 5.50 | 0.41 | 7.89 | 8.00 | 3.66 | 6.00 | 6.87  | 3.50 | 7.00 | 21.70 |
|         |      |      |    |    |             | 182JM | 9654218310   | AL25410NM-3T4P3   | 8.63  | 6.50  | 4.50 | 3.75 | 4.50 / 5.50 | 0.41 | 7.89 | 8.00 | 3.66 | 6.00 | 6.87  | 3.50 | 7.00 | 21.70 |
|         |      |      | 5  | 1  | 230         | 215JM | 9654218340   | AL25410NM-5T4P1B  | 9.50  | 8.88  | 5.25 | 4.25 | 7.00        | 0.44 | 7.90 | 8.00 | 3.66 | 6.00 | 9.44  | 4.50 | 7.00 | 26.17 |
|         |      |      |    |    |             | 215JM | 9654218345   | AL25410NM-5T4P1   | 9.50  | 8.88  | 5.25 | 4.25 | 7.00        | 0.44 | 7.90 | 8.00 | 3.66 | 6.00 | 9.44  | 4.50 | 7.00 | 26.17 |
|         |      |      |    | 3  | 230/460     | 184JM | 9654218315   | AL25410NM-5T4P3B  | 8.63  | 6.50  | 4.50 | 3.75 | 4.50 / 5.50 | 0.41 | 7.89 | 8.00 | 3.66 | 6.00 | 6.87  | 3.50 | 7.00 | 23.20 |
|         |      |      |    |    |             | 184JM | 9654218320   | AL25410NM-5T4P3   | 8.63  | 6.50  | 4.50 | 3.75 | 4.50 / 5.50 | 0.41 | 7.89 | 8.00 | 3.66 | 6.00 | 6.87  | 3.50 | 7.00 | 23.20 |

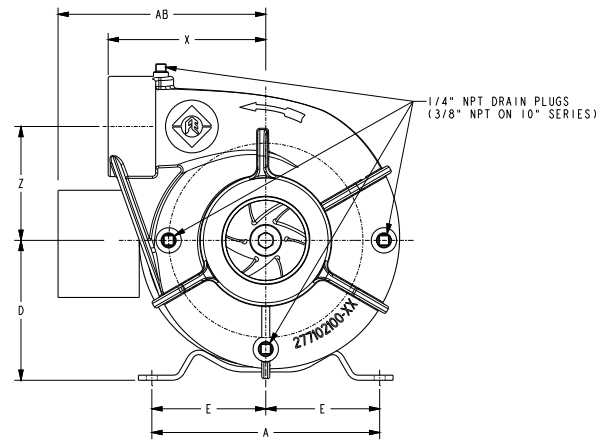
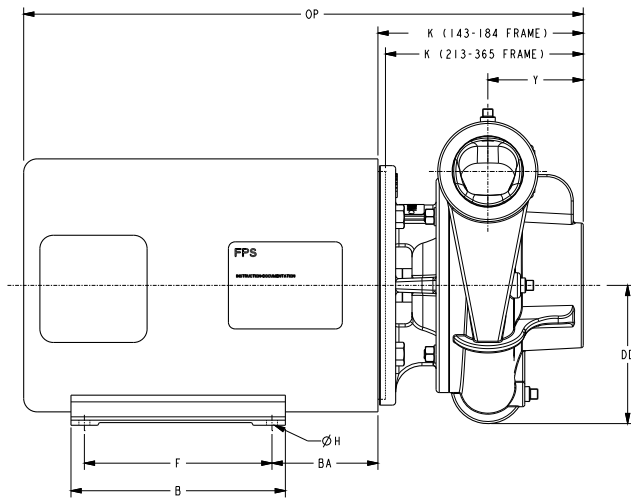
# CENTRIFUGAL PUMPS

## CLOSE-COUPLED AG SERIES

☰ MENU

# FPS

### DIMENSIONS



| Series | RPM  | ENCL | HP  | PH | Volts       | Frame | Order Number | Model Description | A     | B     | D    | E    | F          | H    | K    | X    | Y    | Z    | AB   | BA   | DD   | OP    |
|--------|------|------|-----|----|-------------|-------|--------------|-------------------|-------|-------|------|------|------------|------|------|------|------|------|------|------|------|-------|
| A346   | 3600 | ODP  | 5   | 1  | 230         | 184JM | 9648219130   | A346NM-5D2P1      | 8.63  | 6.50  | 4.50 | 3.75 | 4.50/5.50  | 0.41 | 7.44 | 7.00 | 3.50 | 4.56 | 6.75 | 3.51 | 5.43 | 19.69 |
|        |      |      |     | 3  | 230/460     | 182JM | 9648219135   | A346NM-5D2P3      | 8.63  | 6.50  | 4.50 | 3.75 | 4.50/5.50  | 0.41 | 7.44 | 7.00 | 3.50 | 4.56 | 6.74 | 3.50 | 5.43 | 19.69 |
|        |      |      | 7.5 | 1  | 230         | 213JM | 9648219100   | A346NM-7.5D2P1    | 9.50  | 8.00  | 5.25 | 4.25 | 5.50/7.00  | 0.43 | 7.44 | 7.00 | 3.50 | 4.56 | 7.93 | 4.50 | 5.43 | 21.38 |
|        |      |      |     | 3  | 208-230/460 | 184JM | 9648219105   | A346NM-7.5D2P3    | 8.75  | 6.50  | 4.50 | 3.75 | 5.50       | 0.41 | 7.44 | 7.00 | 3.50 | 4.56 | 6.88 | 3.63 | 5.43 | 23.69 |
|        |      |      | 10  | 1  | 575         | 184JM | 9648219205   | A346NM-7.5D2P5    | 8.63  | 6.50  | 4.50 | 3.75 | 4.50/5.50  | 0.41 | 7.44 | 7.00 | 3.50 | 4.56 | 5.85 | 3.50 | 5.43 | 19.69 |
|        |      |      |     | 3  | 230         | 215JM | 9648219110   | A346NM-10D2P1     | 9.50  | 8.00  | 5.25 | 4.25 | 5.50/7.00  | 0.41 | 7.44 | 7.00 | 3.50 | 4.56 | 7.93 | 4.50 | 5.43 | 22.50 |
|        |      |      | 15  | 1  | 208-230/460 | 213JM | 9648219115   | A346NM-10D2P3     | 9.50  | 8.00  | 5.25 | 4.25 | 5.50/7.00  | 0.43 | 7.44 | 7.00 | 3.50 | 4.56 | 7.92 | 4.25 | 5.43 | 21.38 |
|        |      |      |     | 3  | 575         | 213JM | 9648219215   | A346NM-10D2P5     | 9.50  | 8.00  | 5.25 | 4.25 | 5.50/7.00  | 0.44 | 7.44 | 7.00 | 3.50 | 4.56 | 7.93 | 4.25 | 5.43 | 21.38 |
|        |      |      | 20  | 1  | 230/460     | 215JM | 9648219120   | A346NM-15D2P3     | 9.50  | 8.00  | 5.25 | 4.25 | 5.50/7.00  | 0.43 | 7.44 | 7.00 | 3.50 | 4.56 | 7.92 | 4.25 | 5.43 | 21.38 |
|        |      |      |     | 3  | 575         | 215JM | 9648219220   | A346NM-15D2P5     | 9.50  | 8.00  | 5.25 | 4.25 | 5.50/7.00  | 0.44 | 7.44 | 7.00 | 3.50 | 4.56 | 7.93 | 4.25 | 5.43 | 21.38 |
|        |      | TEFC | 20  | 1  | 230/460     | 254JM | 9648219125   | A346NM-20D2P3     | 11.25 | 11.25 | 6.25 | 5.00 | 8.25/10.00 | 0.53 | 8.56 | 7.00 | 3.50 | 4.56 | 9.49 | 4.75 | 5.43 | 26.50 |
|        |      |      |     | 3  | 575         | 254JM | 9648219225   | A346NM-20D2P5     | 11.25 | 9.50  | 6.25 | 5.00 | 8.25       | 0.53 | 8.56 | 7.00 | 3.50 | 4.56 | 9.72 | 4.75 | 5.43 | 24.44 |
|        |      |      | 5   | 1  | 230         | 184JM | 9648218130   | A346NM-5T2P1      | 8.63  | 6.50  | 4.50 | 3.75 | 4.50/5.50  | 0.45 | 7.44 | 7.00 | 3.50 | 4.56 | 6.87 | 3.50 | 5.43 | 22.74 |
|        |      |      |     | 3  | 230/460     | 184JM | 9648218135   | A346NM-5T2P3      | 8.63  | 6.50  | 4.50 | 3.75 | 4.50/5.50  | 0.41 | 7.44 | 7.00 | 3.50 | 4.56 | 6.87 | 3.50 | 5.43 | 21.25 |
|        |      |      | 7.5 | 1  | 575         | 184JM | 9648218235   | A346NM-5T2P5      | 8.63  | 6.50  | 4.50 | 3.75 | 4.50/5.50  | 0.41 | 7.44 | 7.00 | 3.50 | 4.56 | 6.87 | 3.50 | 5.43 | 21.25 |
|        |      |      |     | 3  | 230         | 213JM | 9648218100   | A346NM-7.5T2P1    | 9.50  | 8.00  | 5.25 | 4.25 | 5.50/7.00  | 0.41 | 7.44 | 7.00 | 3.50 | 4.56 | 8.05 | 4.50 | 5.43 | 17.76 |
|        |      |      | 10  | 1  | 230/460     | 184JM | 9648218105   | A346NM-7.5T2P3    | 8.63  | 6.50  | 4.50 | 3.75 | 4.50/5.50  | 0.41 | 7.44 | 7.00 | 3.50 | 4.56 | 6.87 | 3.50 | 5.43 | 22.75 |
|        |      |      |     | 3  | 208-230/460 | 213JM | 9648218106   | A346NM-7.5T2P3    | 9.50  | 8.00  | 5.25 | 4.25 | 5.50/7.00  | 0.41 | 7.44 | 7.00 | 3.50 | 4.56 | 8.04 | 4.50 | 5.43 | 22.95 |
|        |      |      | 15  | 1  | 575         | 213JM | 9648218205   | A346NM-7.5T2P5    | 9.76  | 8.86  | 5.25 | 4.25 | 5.50/7.00  | 0.41 | 7.44 | 7.00 | 3.50 | 4.56 | 8.58 | 3.50 | 5.43 | 23.36 |
|        |      |      |     | 3  | 230         | 215JM | 9648218110   | A346NM-10T2P1     | 9.50  | 8.00  | 5.25 | 4.25 | 4.00/5.00  | 0.41 | 7.44 | 7.00 | 3.50 | 4.56 | 8.78 | 4.50 | 5.43 | 19.84 |
|        |      |      | 20  | 1  | 230/460     | 215JM | 9648218115   | A346NM-10T2P3     | 9.50  | 8.00  | 5.25 | 4.25 | 5.50/7.00  | 0.41 | 7.44 | 7.00 | 3.50 | 4.56 | 8.04 | 4.50 | 5.43 | 22.95 |
|        |      |      |     | 3  | 575         | 215JM | 9648218215   | A346NM-10T2P5     | 9.50  | 8.00  | 5.25 | 4.25 | 5.50/7.00  | 0.41 | 7.44 | 7.00 | 3.50 | 4.56 | 8.04 | 4.50 | 5.43 | 22.95 |
|        |      | 1800 | 1.5 | 1  | 230/460     | 143JM | 9648218305   | AL346NM-1T4P3     | 6.50  | 5.94  | 3.50 | 2.75 | 4.00/5.00  | 0.34 | 7.44 | 7.00 | 3.50 | 4.56 | 5.73 | 2.88 | 5.43 | 18.62 |
|        |      |      |     | 3  | 230/460     | 145JM | 9648218315   | AL346NM-1.5T4P3   | 6.50  | 5.94  | 3.50 | 2.75 | 4.00/5.00  | 0.34 | 7.44 | 7.00 | 3.50 | 4.56 | 5.73 | 2.88 | 5.43 | 18.62 |
|        |      |      | 2   | 1  | 115/230     | 184JM | 9648218320   | AL346NM-2T4P3     | 6.50  | 5.94  | 3.50 | 2.75 | 4.00/5.00  | 0.34 | 7.44 | 7.00 | 3.50 | 4.56 | 5.73 | 2.88 | 5.43 | 18.62 |
|        |      |      |     | 3  | 230/460     | 182JM | 9648218325   | AL346NM-3T4P3     | 8.38  | 6.38  | 4.50 | 3.75 | 5.50       | 0.41 | 7.44 | 7.00 | 3.50 | 4.56 | 7.31 | 4.25 | 5.43 | 23.47 |



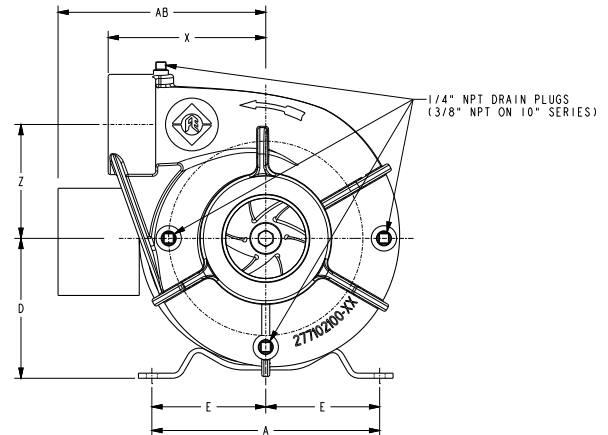
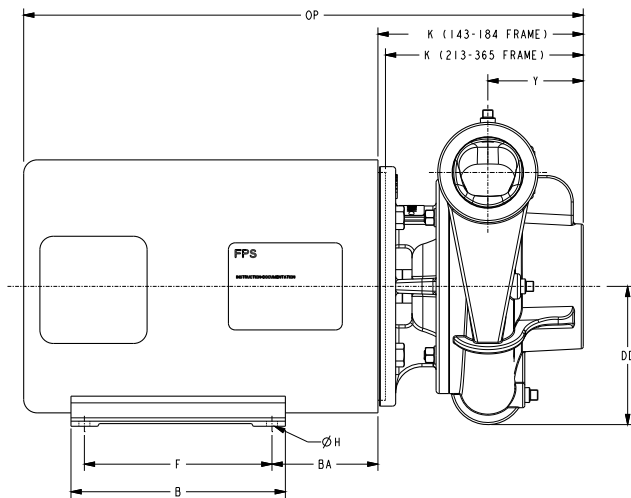
# CENTRIFUGAL PUMPS

## CLOSE-COUPLED AG SERIES

☰ MENU

# FPS

### DIMENSIONS



| Series | RPM  | ENCL | HP  | PH | Volts       | Frame | Order Number | Model Description | A     | B     | D    | E    | F           | H    | K    | X    | Y    | Z    | AB    | BA   | DD   | OP    |
|--------|------|------|-----|----|-------------|-------|--------------|-------------------|-------|-------|------|------|-------------|------|------|------|------|------|-------|------|------|-------|
| A349   | 3600 | ODP  | 30  | 3  | 230/460     | 284JM | 9649219100   | A349NM-30D2P3     | 12.25 | 12.24 | 7.00 | 5.50 | 9.50/11.00  | 0.53 | 9.13 | 7.00 | 3.63 | 5.88 | 11.37 | 4.75 | 6.97 | 30.44 |
|        |      |      |     |    | 575         | 284JM | 9649219200   | A349NM-30D2P5     | 13.78 | 11.57 | 7.00 | 5.50 | 9.50        | 0.53 | 9.13 | 7.00 | 3.63 | 5.88 | 10.87 | 5.00 | 6.97 | 31.02 |
|        |      |      | 40  | 3  | 208-230/460 | 286JM | 9649219105   | A349NM-40D2P3     | 13.50 | 12.94 | 7.00 | 5.50 | 11.00       | 0.53 | 9.13 | 7.00 | 3.63 | 5.88 | 11.75 | 4.75 | 6.97 | 29.63 |
|        |      |      |     |    | 575         | 286JM | 9649219205   | A349NM-40D2P5     | 13.78 | 12.53 | 7.00 | 5.50 | 11.00       | 0.53 | 9.13 | 7.00 | 3.63 | 5.88 | 11.93 | 5.00 | 6.97 | 29.41 |
|        |      |      | 50  | 3  | 230/460     | 324JM | 9649219110   | A349NM-50D2P3     | 14.04 | 13.50 | 8.00 | 6.25 | 10.50/12.00 | 0.66 | 9.13 | 7.00 | 3.63 | 5.88 | 13.20 | 5.25 | 6.97 | 30.82 |
|        |      |      |     |    | 575         | 324JM | 9649219210   | A349NM-50D2P5     | 15.16 | 13.07 | 8.00 | 6.25 | 10.50       | 0.66 | 9.13 | 7.00 | 3.63 | 5.88 | 11.5  | 5.50 | 6.97 | 30.31 |
|        |      |      | 60  | 3  | 230/460     | 326JM | 9649219115   | A349NM-60D2P3     | 14.04 | 13.50 | 8.00 | 6.25 | 10.50/12.00 | 0.66 | 9.13 | 7.00 | 3.63 | 5.88 | 13.20 | 5.25 | 6.97 | 30.82 |
|        |      |      |     |    | 575         | 326JM | 9649219215   | A349NM-60D2P5     | 15.16 | 15.57 | 8.00 | 6.25 | 12.00       | 0.66 | 9.13 | 7.00 | 3.63 | 5.88 | 11.5  | 5.50 | 6.97 | 31.81 |
|        |      |      | 75  | 3  | 208-230/460 | 364JM | 9649219120   | A349NM-75D2P3     | 17.17 | 15.40 | 9.00 | 7.00 | 11.25/12.25 | 0.66 | 9.13 | 7.00 | 3.63 | 5.88 | 16.38 | 5.88 | 6.97 | 33.02 |
|        |      |      |     |    | 575         | 364JM | 9649219220   | A349NM-75D2P5     | 17.17 | 15.40 | 9.00 | 7.00 | 11.25/12.25 | 0.66 | 9.13 | 7.00 | 3.63 | 5.88 | 16.38 | 5.88 | 6.97 | 33.02 |
|        |      | TEFC | 30  | 3  | 230/460     | 286JM | 9649218100   | A349NM-30T2P3     | 12.75 | 12.84 | 7.00 | 5.50 | 9.50/11.00  | 0.53 | 9.13 | 7.00 | 3.63 | 5.88 | 13.11 | 4.75 | 6.97 | 32.52 |
|        |      |      |     |    | 575         | 286JM | 9649218200   | A349NM-30T2P5     | 13.94 | 12.32 | 7.00 | 5.50 | 11.00       | 0.57 | 9.13 | 7.00 | 3.63 | 5.88 | 11.32 | 4.75 | 6.97 | 32.90 |
|        |      |      | 40  | 3  | 230/460     | 324JM | 9649218105   | A349NM-40T2P3     | 14.50 | 14.00 | 8.00 | 6.25 | 10.50/12.00 | 0.66 | 9.13 | 7.00 | 3.63 | 5.88 | 13.74 | 5.25 | 6.97 | 34.52 |
|        |      |      |     |    | 575         | 286JM | 9649218205   | A349NM-40T2P5     | 13.50 | 12.94 | 7.00 | 5.50 | 11.00       | 0.53 | 9.13 | 7.00 | 3.63 | 5.88 | 11.75 | 4.75 | 6.97 | 29.63 |
|        |      |      | 50  | 3  | 230/460     | 326JM | 9649218110   | A349NM-50T2P3     | 14.50 | 14.00 | 8.00 | 6.25 | 10.50/12.00 | 0.66 | 9.13 | 7.00 | 3.63 | 5.88 | 14.61 | 5.25 | 6.97 | 34.53 |
|        |      |      |     |    | 575         | 326JM | 9649218210   | A349NM-50T2P5     | 15.67 | 14.21 | 8.00 | 6.25 | 10.50/12.00 | 0.66 | 9.13 | 7.00 | 3.63 | 5.88 | 13.54 | 5.25 | 6.97 | 35.32 |
|        |      |      | 60  | 3  | 230/460     | 326JM | 9649218115   | A349NM-60T2P3     | 14.50 | 14.00 | 8.00 | 6.25 | 10.50/12.00 | 0.66 | 9.13 | 7.00 | 3.63 | 5.88 | 14.61 | 5.25 | 6.97 | 34.53 |
|        |      |      |     |    | 575         | 364JM | 9649218215   | A349NM-60T2P5     | 17.17 | 16.22 | 9.00 | 7.00 | 11.26/12.24 | 0.66 | 9.13 | 7.00 | 3.63 | 5.88 | 16.02 | 5.88 | 6.97 | 36.91 |
|        |      |      | 75  | 3  | 208-230/460 | 365JM | 9649218120   | A349NM-75T2P3     | 17.17 | 16.22 | 9.00 | 7.00 | 11.26/12.24 | 0.66 | 9.13 | 7.00 | 3.63 | 5.88 | 16.02 | 5.88 | 6.97 | 36.91 |
|        |      |      |     |    | 575         | 365JM | 9649218220   | A349NM-75T2P5     | 17.17 | 16.22 | 9.00 | 7.00 | 11.26/12.24 | 0.66 | 9.13 | 7.00 | 3.63 | 5.88 | 16.02 | 5.88 | 6.97 | 36.91 |
| AL349  | 1800 | TEFC | 5   | 1  | 230         | 215JM | 9649218325   | AL349NM-5T4PIB    | 9.50  | 8.88  | 5.25 | 4.25 | 7.00        | 0.44 | 7.74 | 7.00 | 3.63 | 5.88 | 9.44  | 4.50 | 6.97 | 25.80 |
|        |      |      |     |    |             | 215JM | 9649218330   | AL349NM-5T4P1     | 9.50  | 8.88  | 5.25 | 4.25 | 7.00        | 0.44 | 7.74 | 7.00 | 3.63 | 5.88 | 9.44  | 4.50 | 6.97 | 25.80 |
|        |      |      |     | 3  | 230/460     | 184JM | 9649218300   | AL349NM-5T4P3B    | 8.63  | 6.50  | 4.50 | 3.75 | 4.50/5.50   | 0.41 | 7.73 | 7.00 | 3.63 | 5.88 | 6.87  | 3.50 | 6.97 | 23.04 |
|        |      |      |     |    |             | 184JM | 9649218305   | AL349NM-5T4P3     | 8.63  | 6.50  | 4.50 | 3.75 | 4.50/5.50   | 0.41 | 7.73 | 7.00 | 3.63 | 5.88 | 6.87  | 3.50 | 6.97 | 23.04 |
|        |      |      |     | 3  | 575         | 184JM | 9649218400   | AL349NM-5T4P5B    | 8.63  | 6.50  | 4.50 | 3.75 | 4.50/5.50   | 0.41 | 7.73 | 7.00 | 3.63 | 5.88 | 6.87  | 3.50 | 6.97 | 23.04 |
|        |      |      |     |    |             | 184JM | 9649218405   | AL349NM-5T4P5     | 8.63  | 6.50  | 4.50 | 3.75 | 4.50/5.50   | 0.41 | 7.73 | 7.00 | 3.63 | 5.88 | 6.87  | 3.50 | 6.97 | 23.04 |
|        |      |      | 7.5 | 1  | 230         | 215JM | 9649218335   | AL349NM-7.5T4PIB  | 9.50  | 8.88  | 5.25 | 4.25 | 7.00        | 0.44 | 7.74 | 7.00 | 3.63 | 5.88 | 9.44  | 5.13 | 6.97 | 25.80 |
|        |      |      |     |    |             | 215JM | 9649218340   | AL349NM-7.5T4P1   | 9.50  | 8.88  | 5.25 | 4.25 | 7.00        | 0.44 | 7.74 | 7.00 | 3.63 | 5.88 | 9.44  | 5.13 | 6.97 | 25.80 |
|        |      |      |     | 3  | 230/460     | 213JM | 9649218310   | AL349NM-7.5T4P3B  | 9.50  | 8.00  | 5.25 | 4.25 | 5.50/7.00   | 0.41 | 7.74 | 7.00 | 3.63 | 5.88 | 8.04  | 4.50 | 6.97 | 24.37 |
|        |      |      |     |    |             | 213JM | 9649218315   | AL349NM-7.5T4P3   | 9.50  | 8.00  | 5.25 | 4.25 | 5.50/7.00   | 0.41 | 7.74 | 7.00 | 3.63 | 5.88 | 8.04  | 4.50 | 6.97 | 24.37 |
|        |      |      |     |    |             | 213JM | 9649218410   | AL349NM-7.5T4P5B  | 9.50  | 8.00  | 5.25 | 4.25 | 5.50/7.00   | 0.41 | 7.74 | 7.00 | 3.63 | 5.88 | 8.04  | 4.50 | 6.97 | 24.37 |
|        |      |      |     |    |             | 213JM | 9649218415   | AL349NM-7.5T4P5   | 9.50  | 8.00  | 5.25 | 4.25 | 5.50/7.00   | 0.41 | 7.74 | 7.00 | 3.63 | 5.88 | 8.04  | 4.50 | 6.97 | 24.37 |
|        |      |      | 10  | 1  | 230         | 215JM | 9649218345   | AL349NM-10T4P1    | 9.50  | 8.88  | 5.25 | 4.25 | 7.00        | 0.44 | 7.74 | 7.00 | 3.63 | 5.88 | 9.44  | 5.13 | 6.97 | 25.80 |
|        |      |      |     |    |             | 215JM | 9649218320   | AL349NM-10T4P3    | 9.50  | 8.00  | 5.25 | 4.25 | 5.50/7.00   | 0.41 | 7.74 | 7.00 | 3.63 | 5.88 | 8.04  | 4.50 | 6.97 | 25.88 |
|        |      |      |     | 3  | 575         | 215JM | 9649218420   | AL349NM-10T4P5    | 9.50  | 8.00  | 5.25 | 4.25 | 5.50/7.00   | 0.41 | 7.74 | 7.00 | 3.63 | 5.88 | 8.04  | 4.50 | 6.97 | 25.88 |

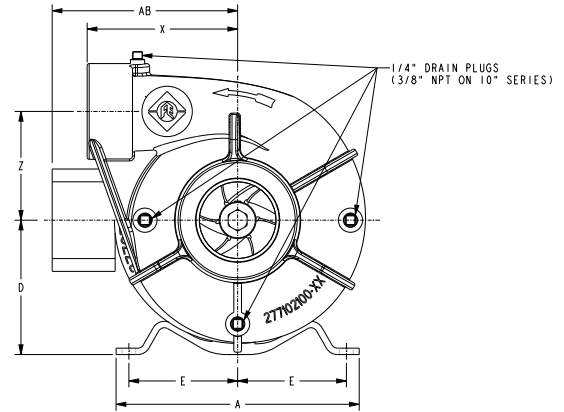
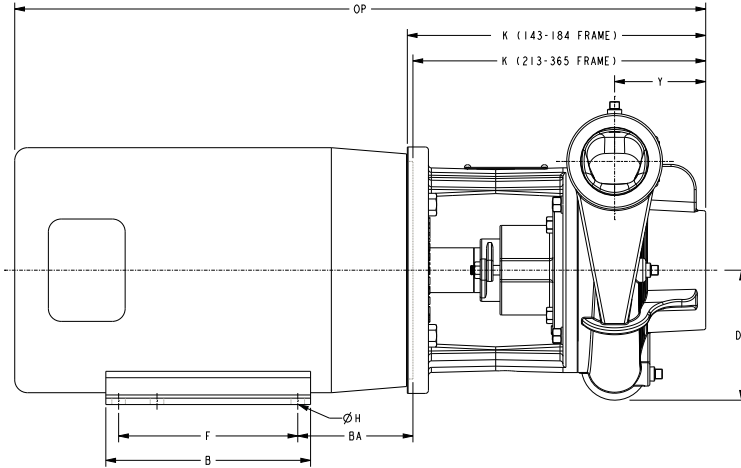
# CENTRIFUGAL PUMPS

## CLOSE-COUPLED AG SERIES

☰ MENU

# FPS

### DIMENSIONS



| Series | RPM  | ENCL | HP  | PH | Volts       | Frame | Order Number | Model Description | A     | B     | D    | E    | F          | H    | K     | X    | Y    | Z    | AB    | BA   | DD   | OP    |
|--------|------|------|-----|----|-------------|-------|--------------|-------------------|-------|-------|------|------|------------|------|-------|------|------|------|-------|------|------|-------|
| A346   | 3600 | ODP  | 7.5 | 1  | 230         | 213JP | 9648119100   | A346NP-75D2P1     | 9.50  | 8.00  | 5.25 | 4.25 | 5.50/7.00  | 0.41 | 11.50 | 7.00 | 3.50 | 4.56 | 7.93  | 4.50 | 5.43 | 25.44 |
|        |      |      |     | 3  | 208-230/460 | 184JP | 9648119105   | A346NP-75D2P3     | 8.75  | 6.50  | 4.50 | 3.75 | 5.50       | 0.41 | 10.50 | 7.00 | 3.50 | 4.56 | 6.88  | 2.07 | 5.43 | 23.69 |
|        |      |      |     |    | 575         | 184JP | 9648119205   | A346NP-75D2P5     | 8.66  | 6.30  | 4.50 | 3.75 | 4.50/5.50  | 0.41 | 10.50 | 7.00 | 3.50 | 4.56 | 6.70  | 3.50 | 5.43 | 22.10 |
|        |      |      | 10  | 1  | 230         | 215JP | 9648119110   | A346NP-10D2P1     | 9.50  | 8.00  | 5.25 | 4.25 | 5.50/7.00  | 0.41 | 11.50 | 7.00 | 3.50 | 4.56 | 7.93  | 4.50 | 5.43 | 26.56 |
|        |      |      |     | 3  | 208-230/460 | 213JP | 9648119115   | A346NP-10D2P3     | 9.45  | 7.95  | 5.25 | 4.25 | 5.50/7.00  | 0.41 | 11.50 | 7.00 | 3.50 | 4.56 | 7.97  | 4.25 | 5.43 | 26.56 |
|        |      |      |     |    | 575         | 215JP | 9648119215   | A346NP-10D2P5     | 9.45  | 7.95  | 5.25 | 4.25 | 5.50/7.00  | 0.41 | 11.50 | 7.00 | 3.50 | 4.56 | 7.97  | 4.25 | 5.43 | 25.35 |
|        |      |      | 15  | 3  | 230/460     | 215JP | 9648119120   | A346NP-15D2P3     | 9.50  | 8.00  | 5.25 | 4.25 | 5.50/7.00  | 0.43 | 11.50 | 7.00 | 3.50 | 4.56 | 7.97  | 4.25 | 5.43 | 25.45 |
|        |      |      |     |    | 575         | 215JP | 9648119220   | A346NP-15D2P5     | 9.45  | 7.95  | 5.25 | 4.25 | 5.50/7.00  | 0.41 | 11.50 | 7.00 | 3.50 | 4.56 | 7.97  | 4.25 | 5.43 | 26.14 |
|        |      |      | 20  | 3  | 230/460     | 254JP | 9648119125   | A346NP-20D2P3     | 11.25 | 11.25 | 6.25 | 5.00 | 8.25/10.00 | 0.53 | 11.50 | 7.00 | 3.50 | 4.56 | 9.49  | 4.75 | 5.43 | 26.57 |
|        |      |      |     |    | 575         | 254JP | 9648119225   | A346NP-20D2P5     | 12.17 | 12.00 | 6.25 | 5.00 | 8.25       | 0.53 | 11.50 | 7.00 | 3.50 | 4.56 | 12.30 | 4.75 | 5.43 | 30.70 |
|        |      | TEFC | 7.5 | 1  | 208-230     | 213JP | 9648118100   | A346NP-75T2P1     | 9.76  | 7.36  | 5.25 | 4.25 | 5.50       | 0.41 | 11.50 | 7.00 | 3.50 | 4.56 | 8.07  | 3.50 | 5.43 | 26.16 |
|        |      |      |     | 3  | 208-230/460 | 213JP | 9648118106   | A346NP-75T2P3     | 9.76  | 7.36  | 5.25 | 4.25 | 5.50       | 0.41 | 11.50 | 7.00 | 3.50 | 4.56 | 8.58  | 3.50 | 5.43 | 25.93 |
|        |      |      |     |    | 575         | 213JP | 9648118205   | A346NP-75T2P5     | 9.76  | 8.86  | 5.25 | 4.25 | 5.50/7.00  | 0.41 | 11.50 | 7.00 | 3.50 | 4.56 | 8.58  | 3.50 | 5.43 | 27.43 |
|        |      |      | 10  | 1  | 230         | 215JP | 9648118110   | A346NP-10T2P1     | 9.50  | 8.00  | 5.25 | 4.25 | 5.50/7.00  | 0.41 | 11.50 | 7.00 | 3.50 | 4.56 | 8.76  | 4.50 | 5.43 | 20.03 |
|        |      |      |     | 3  | 208-230/460 | 215JP | 9648118115   | A346NP-10T2P3     | 9.76  | 8.86  | 5.25 | 4.25 | 5.50/7.00  | 0.41 | 11.50 | 7.00 | 3.50 | 4.56 | 8.58  | 3.50 | 5.43 | 27.43 |
|        |      |      |     |    | 575         | 215JP | 9648118215   | A346NP-10T2P5     | 9.76  | 8.86  | 5.25 | 4.25 | 5.50/7.00  | 0.41 | 11.50 | 7.00 | 3.50 | 4.56 | 8.58  | 3.50 | 5.43 | 27.43 |
|        |      |      | 15  | 3  | 208-230/460 | 215JP | 9648118120   | A346NP-15T2P3     | 9.76  | 8.86  | 5.25 | 4.25 | 5.50/7.00  | 0.41 | 11.50 | 7.00 | 3.50 | 4.56 | 8.58  | 3.50 | 5.43 | 27.64 |
|        |      |      |     |    | 575         | 254JP | 9648118220   | A346NP-15T2P5     | 12.13 | 11.73 | 6.25 | 5.00 | 8.25/10.00 | 0.53 | 11.50 | 7.00 | 3.50 | 4.56 | 10.48 | 4.25 | 5.43 | 32.12 |
|        |      |      | 20  | 3  | 230/460     | 256JP | 9648118125   | A346NP-20T2P3     | 11.50 | 11.50 | 6.25 | 5.00 | 8.25/10.00 | 0.53 | 11.50 | 7.00 | 3.50 | 4.56 | 10.04 | 4.75 | 5.43 | 31.54 |
|        |      |      |     |    | 575         | 256JP | 9648118225   | A346NP-20T2P5     | 12.12 | 11.73 | 6.25 | 5.00 | 8.25/10.00 | 0.53 | 11.50 | 7.00 | 3.50 | 4.56 | 10.48 | 4.25 | 5.43 | 21.12 |

|      |      |      |    |   |         |       |            |               |       |       |      |      |             |      |       |      |      |      |       |      |      |       |
|------|------|------|----|---|---------|-------|------------|---------------|-------|-------|------|------|-------------|------|-------|------|------|------|-------|------|------|-------|
| A349 | 3600 | ODP  | 30 | 3 | 230/460 | 284JP | 9649119100 | A349NP-30D2P3 | 12.25 | 12.24 | 7.00 | 5.50 | 9.50/11.00  | 0.53 | 12.07 | 7.00 | 3.63 | 5.88 | 11.37 | 4.75 | 6.97 | 33.39 |
|      |      |      |    |   | 575     | 284JP | 9649119200 | A349NP-30D2P5 | 13.78 | 11.57 | 7.00 | 5.50 | 9.50        | 0.53 | 12.07 | 7.00 | 3.63 | 5.88 | 11.93 | 5.00 | 6.97 | 31.09 |
|      |      |      | 40 | 3 | 230/460 | 286JP | 9649119105 | A349NP-40D2P3 | 12.25 | 12.24 | 7.00 | 5.50 | 9.50/11.00  | 0.53 | 12.07 | 7.00 | 3.63 | 5.88 | 11.37 | 4.75 | 6.97 | 33.39 |
|      |      |      |    |   | 575     | 286JP | 9649119205 | A349NP-40D2P5 | 13.78 | 13.07 | 7.00 | 5.50 | 11.00       | 0.53 | 12.07 | 7.00 | 3.63 | 5.88 | 11.93 | 5.00 | 6.97 | 32.58 |
|      |      |      | 50 | 3 | 230/460 | 324JP | 9649119110 | A349NP-50D2P3 | 14.04 | 13.50 | 8.00 | 6.25 | 10.50/12.00 | 0.66 | 12.07 | 7.00 | 3.63 | 5.88 | 13.20 | 5.25 | 6.97 | 33.76 |
|      |      |      |    |   | 575     | 324JP | 9649119210 | A349NP-50D2P5 | 15.16 | 13.07 | 8.00 | 6.25 | 10.50       | 0.66 | 12.07 | 7.00 | 3.63 | 5.88 | 11.50 | 5.50 | 6.97 | 33.26 |
|      |      |      | 60 | 3 | 230/460 | 326JP | 9649119115 | A349NP-60D2P3 | 14.04 | 13.50 | 8.00 | 6.25 | 10.50/12.00 | 0.66 | 12.07 | 7.00 | 3.63 | 5.88 | 13.20 | 5.25 | 6.97 | 33.76 |
|      |      |      |    |   | 575     | 326JP | 9649119215 | A349NP-60D2P5 | 15.16 | 14.57 | 8.00 | 6.25 | 12.00       | 0.66 | 12.07 | 7.00 | 3.63 | 5.88 | 11.50 | 5.50 | 6.97 | 34.76 |
|      |      |      | 75 | 3 | 460     | 364JP | 9649119120 | A349NP-75D2P3 | 15.75 | 14.00 | 9.00 | 7.00 | 11.25/12.25 | 0.66 | 12.07 | 7.00 | 3.63 | 5.88 | 13.20 | 5.88 | 6.97 | 34.39 |
|      |      |      |    |   | 575     | 365JP | 9649119220 | A349NP-75D2P5 | 17.17 | 15.4  | 9.00 | 7.00 | 11.25/12.25 | 0.66 | 12.07 | 7.00 | 3.63 | 5.88 | 16.38 | 5.88 | 6.97 | 35.97 |
|      |      | TEFC | 30 | 3 | 230/460 | 286JP | 9649118100 | A349NP-30T2P3 | 12.75 | 12.84 | 7.00 | 5.50 | 9.50/11.00  | 0.53 | 12.07 | 7.00 | 3.63 | 5.88 | 13.11 | 4.75 | 6.97 | 35.46 |
|      |      |      |    |   | 575     | 286JP | 9649118200 | A349NP-30T2P5 | 13.78 | 13.07 | 7.00 | 5.50 | 9.50/11.00  | 0.53 | 12.07 | 7.00 | 3.63 | 5.88 | 11.07 | 4.75 | 6.97 | 35.53 |
|      |      |      | 40 | 3 | 230/460 | 324JP | 9649118105 | A349NP-40T2P3 | 14.50 | 14.00 | 8.00 | 6.25 | 10.50/12.00 | 0.66 | 12.07 | 7.00 | 3.63 | 5.88 | 13.74 | 5.25 | 6.97 | 37.46 |
|      |      |      |    |   | 575     | 324JP | 9649118205 | A349NP-40T2P5 | 15.16 | 14.57 | 8.00 | 6.25 | 10.50/12.00 | 0.66 | 12.07 | 7.00 | 3.63 | 5.88 | 12.58 | 5.25 | 6.97 | 37.97 |
|      |      |      | 50 | 3 | 230/460 | 326JP | 9649118110 | A349NP-50T2P3 | 14.50 | 14.00 | 8.00 | 6.25 | 10.50/12.00 | 0.66 | 12.07 | 7.00 | 3.63 | 5.88 | 14.61 | 5.25 | 6.97 | 37.36 |
|      |      |      |    |   | 575     | 326JP | 9649118210 | A349NP-50T2P5 | 15.16 | 14.57 | 8.00 | 6.25 | 10.50/12.00 | 0.66 | 12.07 | 7.00 | 3.63 | 5.88 | 12.58 | 5.25 | 6.97 | 37.97 |
|      |      |      | 60 | 3 | 230/460 | 364JP | 9649118115 | A349NP-60T2P3 | 16.50 | 14.50 | 9.00 | 7.00 | 11.25/12.25 | 0.66 | 12.07 | 7.00 | 3.63 | 5.88 | 14.61 | 5.88 | 6.97 | 39.48 |
|      |      |      |    |   | 575     | 364JP | 9649118215 | A349NP-60T2P5 | 17.17 | 16.22 | 9.00 | 7.00 | 11.26/12.24 | 0.66 | 12.07 | 7.00 | 3.63 | 5.88 | 16.02 | 5.88 | 6.97 | 39.87 |
|      |      |      | 75 | 3 | 460     | 365JP | 9649118120 | A349NP-75T2P3 | 17.00 | 15.00 | 9.00 | 7.00 | 12.25       | 0.69 | 12.07 | 7.00 | 3.63 | 5.88 | 18.06 | 6.12 | 6.97 | 39.89 |
|      |      |      |    |   | 575     | 365JP | 9649118220 | A349NP-75T2P5 | 17.17 | 16.22 | 9.00 | 7.00 | 11.26/12.24 | 0.66 | 12.07 | 7.00 | 3.63 | 5.88 | 16.02 | 5.88 | 6.97 | 39.87 |



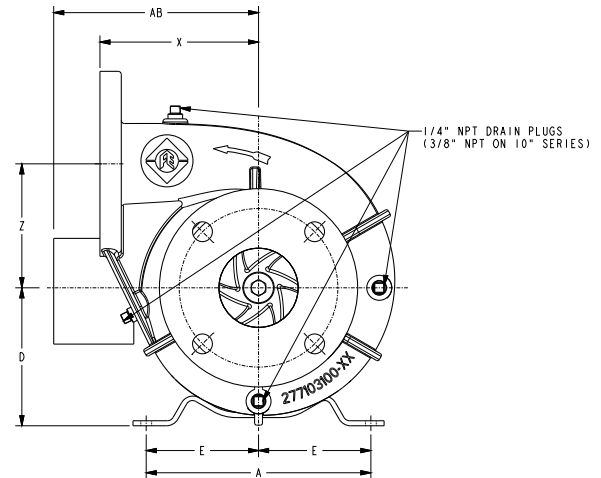
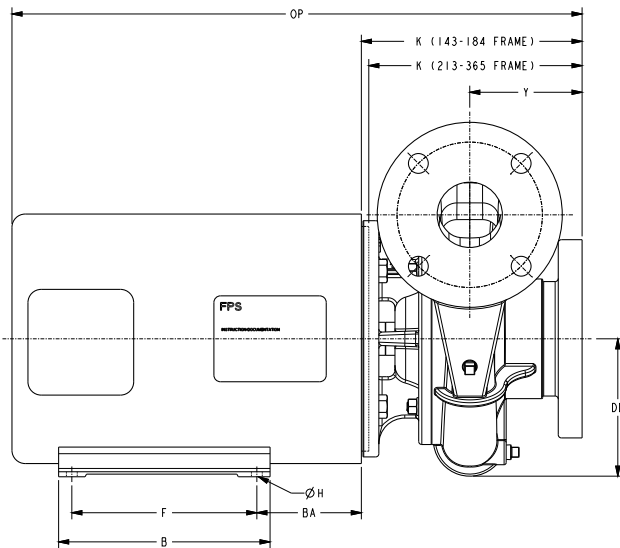
# CENTRIFUGAL PUMPS

## CLOSE-COUPLED AG SERIES

☰ MENU

# FPS

### DIMENSIONS



| Series | RPM  | ENCL | HP  | PH | Volts       | Frame | Order Number | Model Description | A     | B     | D    | E    | F           | H    | K    | X    | Y    | Z    | AB    | BA   | DD   | OP    |
|--------|------|------|-----|----|-------------|-------|--------------|-------------------|-------|-------|------|------|-------------|------|------|------|------|------|-------|------|------|-------|
| A238   | 3600 | ODP  | 7.5 | 1  | 230         | 213JM | 9650229100   | A238FM-7.5D2P1    | 9.50  | 8.00  | 5.25 | 4.25 | 5.50/7.00   | 0.43 | 8.03 | 7.94 | 3.65 | 4.75 | 7.93  | 4.50 | 5.51 | 21.97 |
|        |      |      |     | 3  | 208-230/460 | 184JM | 9650229105   | A238FM-7.5D2P3    | 8.75  | 6.50  | 4.50 | 3.75 | 5.50        | 0.41 | 8.03 | 7.94 | 3.65 | 4.75 | 6.88  | 3.63 | 5.51 | 24.28 |
|        |      |      |     |    | 575         | 184JM | 9650229205   | A238FM-7.5D2P5    | 8.63  | 6.50  | 4.50 | 3.75 | 4.50/5.50   | 0.41 | 8.03 | 7.94 | 3.65 | 4.75 | 5.85  | 3.5  | 5.51 | 20.28 |
|        |      |      | 10  | 1  | 230         | 215JM | 9650229110   | A238FM-10D2P1     | 9.50  | 8.00  | 5.25 | 4.25 | 5.50/7.00   | 0.41 | 8.03 | 7.94 | 3.65 | 4.75 | 7.93  | 4.50 | 5.51 | 23.09 |
|        |      |      |     | 3  | 208-230/460 | 213JM | 9650229115   | A238FM-10D2P3     | 9.50  | 8.00  | 5.25 | 4.25 | 5.50/7.00   | 0.43 | 8.03 | 7.94 | 3.65 | 4.75 | 7.92  | 4.25 | 5.51 | 21.97 |
|        |      |      |     |    | 575         | 213JM | 9650229215   | A238FM-10D2P5     | 9.50  | 8.00  | 5.25 | 4.25 | 5.50/7.00   | 0.44 | 8.03 | 7.94 | 3.65 | 4.75 | 7.93  | 4.25 | 5.51 | 21.97 |
|        |      |      | 15  | 3  | 230/460     | 215JM | 9650229120   | A238FM-15D2P3     | 9.50  | 8.00  | 5.25 | 4.25 | 5.50/7.00   | 0.43 | 8.03 | 7.94 | 3.65 | 4.75 | 7.92  | 4.25 | 5.51 | 21.97 |
|        |      |      |     |    | 575         | 215JM | 9650229220   | A238FM-15D2P5     | 9.50  | 8.00  | 5.25 | 4.25 | 5.50/7.00   | 0.44 | 8.03 | 7.94 | 3.65 | 4.75 | 7.93  | 4.25 | 5.51 | 21.97 |
|        |      |      | 20  | 3  | 230/460     | 254JM | 9650229125   | A238FM-20D2P3     | 11.25 | 11.25 | 6.25 | 5.00 | 8.25/10.00  | 0.53 | 8.96 | 7.97 | 3.65 | 4.75 | 9.49  | 4.75 | 5.51 | 26.90 |
|        |      |      |     |    | 575         | 254JM | 9650229225   | A238FM-20D2P5     | 11.25 | 9.50  | 6.25 | 5.00 | 8.25        | 0.53 | 8.96 | 7.97 | 3.65 | 4.75 | 9.72  | 4.75 | 5.51 | 24.84 |
|        |      | TEFC | 7.5 | 1  | 230         | 213JM | 9650228100   | A238FM-7.5T2P1    | 9.50  | 8.00  | 5.25 | 4.25 | 5.50/7.00   | 0.41 | 8.03 | 7.94 | 3.65 | 4.75 | 8.05  | 4.50 | 5.51 | 19.29 |
|        |      |      |     | 3  | 208-230/460 | 213JM | 9650228105   | A238FM-7.5T2P3    | 9.50  | 8.00  | 5.25 | 4.25 | 5.50/7.00   | 0.41 | 8.03 | 7.94 | 3.65 | 4.75 | 8.04  | 4.50 | 5.51 | 23.54 |
|        |      |      |     |    | 575         | 213JM | 9650228205   | A238FM-7.5T2P5    | 9.76  | 8.86  | 5.25 | 4.25 | 5.50/7.00   | 0.41 | 8.03 | 7.94 | 3.65 | 4.75 | 8.58  | 3.50 | 5.51 | 23.95 |
|        |      |      | 10  | 1  | 230         | 215JM | 9650228110   | A238FM-10T2P1     | 9.50  | 8.00  | 5.25 | 4.25 | 4.00/5.00   | 0.41 | 8.03 | 7.94 | 3.65 | 4.75 | 8.78  | 4.50 | 5.51 | 20.43 |
|        |      |      |     | 3  | 230/460     | 215JM | 9650228115   | A238FM-10T2P3     | 9.50  | 8.00  | 5.25 | 4.25 | 5.50/7.00   | 0.41 | 8.03 | 7.94 | 3.65 | 4.75 | 8.04  | 4.50 | 5.51 | 23.54 |
|        |      |      |     |    | 575         | 215JM | 9650228215   | A238FM-10T2P5     | 9.50  | 8.00  | 5.25 | 4.25 | 5.50/7.00   | 0.41 | 8.03 | 7.94 | 3.65 | 4.75 | 8.04  | 4.50 | 5.51 | 23.54 |
|        |      |      | 15  | 3  | 208-230/460 | 215JM | 9650228120   | A238FM-15T2P3     | 9.50  | 8.00  | 5.25 | 4.25 | 5.50/7.00   | 0.41 | 8.03 | 7.94 | 3.65 | 4.75 | 8.04  | 4.50 | 5.51 | 26.17 |
|        |      |      |     |    | 575         | 215JM | 9650228220   | A238FM-15T2P5     | 9.50  | 8.00  | 5.25 | 4.25 | 5.50/7.00   | 0.41 | 8.03 | 7.94 | 3.65 | 4.75 | 8.04  | 4.50 | 5.51 | 26.16 |
|        |      |      | 20  | 3  | 230/460     | 256JM | 9650228125   | A238FM-20T2P3     | 11.50 | 11.50 | 6.25 | 5.00 | 8.25/10.00  | 0.53 | 8.96 | 7.97 | 3.65 | 4.75 | 10.04 | 4.75 | 5.51 | 29.01 |
|        |      |      |     |    | 575         | 256JM | 9650228225   | A238FM-20T2P5     | 11.38 | 12.44 | 6.25 | 5.00 | 10.00       | 0.53 | 8.96 | 7.97 | 3.65 | 4.75 | 9.94  | 4.25 | 5.51 | 30.84 |
| AL238  | 1800 | TEFC | 1   | 3  | 230/460     | 143JM | 9650228305   | AL238FM-1T4P3     | 6.50  | 5.94  | 3.50 | 2.75 | 4.00/5.00   | 0.34 | 8.03 | 7.94 | 3.65 | 4.75 | 5.73  | 2.88 | 5.51 | 19.21 |
|        |      |      | 1.5 |    |             | 145JM | 9650228315   | AL238FM-1.5T4P3   | 6.50  | 5.94  | 3.50 | 2.75 | 4.00/5.00   | 0.34 | 8.03 | 7.94 | 3.65 | 4.75 | 5.73  | 2.88 | 5.51 | 19.21 |
|        |      |      | 2   |    |             | 145JM | 9650228320   | AL238FM-2T4P3     | 6.50  | 5.94  | 3.50 | 2.75 | 4.00/5.00   | 0.34 | 8.03 | 7.94 | 3.65 | 4.75 | 5.73  | 2.88 | 5.51 | 19.21 |
|        |      |      | 3   |    |             | 182JM | 9650228325   | AL238FM-3T4P3     | 8.63  | 6.50  | 4.50 | 3.75 | 4.50 / 5.50 | 0.41 | 8.03 | 7.94 | 3.65 | 4.75 | 6.87  | 3.50 | 5.51 | 21.84 |
| AL2310 | 1800 | TEFC | 1   | 3  | 230/460     | 143JM | 9651228305   | AL2310FM-1T4P3    | 6.50  | 5.94  | 3.50 | 2.75 | 4.00/5.00   | 0.34 | 7.14 | 7.48 | 2.99 | 5.75 | 5.73  | 2.88 | 6.25 | 18.32 |
|        |      |      | 1.5 |    |             | 143JM | 9651228315   | AL2310FM-1.5T4P3  | 6.50  | 5.94  | 3.50 | 2.75 | 4.00/5.00   | 0.34 | 7.14 | 7.48 | 2.99 | 5.75 | 5.73  | 2.88 | 6.25 | 18.32 |
|        |      |      | 2   |    |             | 145JM | 9651228320   | AL2310FM-2T4P3    | 6.50  | 5.94  | 3.50 | 2.75 | 4.00/5.00   | 0.34 | 7.14 | 7.48 | 2.99 | 5.75 | 5.73  | 2.88 | 6.25 | 18.32 |
|        |      |      | 3   |    |             | 182JM | 9651228325   | AL2310FM-3T4P3    | 8.63  | 6.50  | 4.50 | 3.75 | 4.50/5.50   | 0.41 | 7.14 | 7.48 | 2.99 | 5.75 | 6.87  | 3.50 | 6.25 | 20.95 |

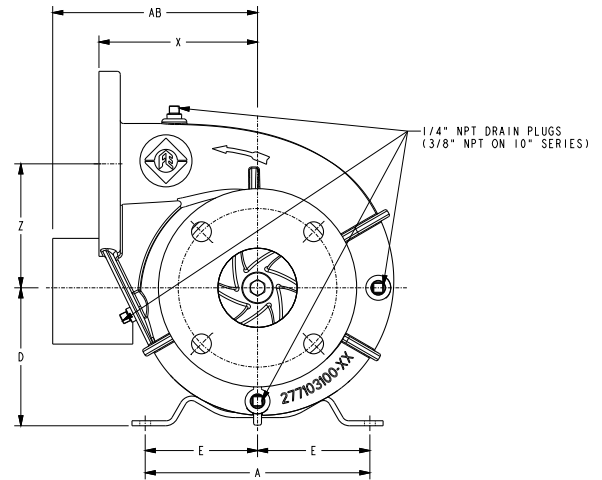
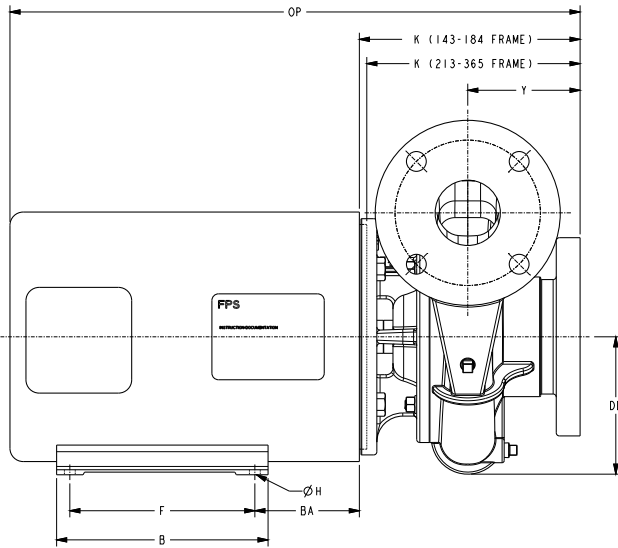
# CENTRIFUGAL PUMPS

## CLOSE-COUPLED AG SERIES

☰ MENU

# FPS

### DIMENSIONS



| Series | RPM  | ENCL | HP  | PH | Volts       | Frame | Order Number | Model Description | A    | B    | D    | E    | F         | H    | K    | X    | Y    | Z    | AB   | BA   | DD   | OP    |
|--------|------|------|-----|----|-------------|-------|--------------|-------------------|------|------|------|------|-----------|------|------|------|------|------|------|------|------|-------|
| A2536  | 3600 | ODP  | 3   | 1  | 115/208-230 | 182JM | 9653229100   | A2536FM-3D2P1     | 8.63 | 6.50 | 4.50 | 3.75 | 4.50/5.50 | 0.41 | 8.07 | 6.00 | 4.25 | 4.69 | 6.75 | 3.50 | 5.20 | 20.32 |
|        |      |      |     | 3  | 230/460     | 145JM | 9653229105   | A2536FM-3D2P3     | 6.50 | 5.94 | 3.50 | 2.75 | 4.00/5.00 | 0.34 | 8.07 | 6.00 | 4.25 | 4.69 | 5.62 | 2.88 | 5.20 | 18.95 |
|        |      |      |     | 3  | 575         | 143JM | 9653229205   | A2536FM-3D2P5     | 6.50 | 5.94 | 3.50 | 2.75 | 4.00/5.00 | 0.34 | 8.07 | 6.00 | 4.25 | 4.69 | 5.61 | 2.88 | 5.20 | 18.07 |
|        |      |      | 5   | 1  | 230         | 184JM | 9653229110   | A2536FM-5D2P1     | 8.63 | 6.50 | 4.50 | 3.75 | 4.50/5.50 | 0.41 | 8.07 | 6.00 | 4.25 | 4.69 | 6.75 | 3.51 | 5.20 | 20.32 |
|        |      |      |     | 3  | 230/460     | 182JM | 9653229115   | A2536FM-5D2P3     | 8.63 | 6.50 | 4.50 | 3.75 | 4.50/5.50 | 0.41 | 8.07 | 6.00 | 4.25 | 4.69 | 6.74 | 3.50 | 5.20 | 20.32 |
|        |      |      |     | 3  | 575         | 182JM | 9653229215   | A2536FM-5D2P5     | 8.63 | 6.50 | 4.50 | 3.75 | 4.50/5.50 | 0.41 | 8.07 | 6.00 | 4.25 | 4.69 | 6.74 | 3.50 | 5.20 | 18.94 |
|        |      |      | 7.5 | 1  | 230         | 213JM | 9653229120   | A2536FM-7.5D2P1   | 9.50 | 8.00 | 5.25 | 4.25 | 5.50/7.00 | 0.43 | 8.07 | 6.00 | 4.25 | 4.69 | 7.93 | 4.50 | 5.20 | 22.01 |
|        |      |      |     | 3  | 208-230/460 | 184JM | 9653229125   | A2536FM-7.5D2P3   | 8.75 | 6.50 | 4.50 | 3.75 | 5.50      | 0.41 | 8.07 | 6.00 | 4.25 | 4.69 | 6.88 | 3.63 | 5.20 | 24.32 |
|        |      |      |     | 3  | 575         | 184JM | 9653229225   | A2536FM-7.5D2P5   | 8.63 | 6.50 | 4.50 | 3.75 | 4.50/5.50 | 0.41 | 8.07 | 6.00 | 4.25 | 4.69 | 5.85 | 3.50 | 5.20 | 20.32 |
|        |      |      | 10  | 1  | 230         | 215JM | 9653229130   | A2536FM-10D2P1    | 9.50 | 8.00 | 5.25 | 4.25 | 5.50/7.00 | 0.41 | 8.07 | 6.00 | 4.25 | 4.69 | 7.93 | 4.50 | 5.20 | 23.13 |
|        |      |      |     | 3  | 208-230/460 | 213JM | 9653229135   | A2536FM-10D2P3    | 9.50 | 8.00 | 5.25 | 4.25 | 5.50/7.00 | 0.43 | 8.07 | 6.00 | 4.25 | 4.69 | 7.92 | 4.25 | 5.20 | 22.01 |
|        |      |      |     | 3  | 575         | 213JM | 9653229235   | A2536FM-10D2P5    | 9.50 | 8.00 | 5.25 | 4.25 | 5.50/7.00 | 0.44 | 8.07 | 6.00 | 4.25 | 4.69 | 7.93 | 4.25 | 5.20 | 22.01 |
|        |      |      | 15  | 3  | 230/460     | 215JM | 9653229140   | A2536FM-15D2P3    | 9.50 | 8.00 | 5.25 | 4.25 | 5.50/7.00 | 0.43 | 8.07 | 6.00 | 4.25 | 4.69 | 7.92 | 4.25 | 5.20 | 22.01 |
|        |      |      |     | 3  | 575         | 215JM | 9653229240   | A2536FM-15D2P5    | 9.50 | 8.00 | 5.25 | 4.25 | 5.50/7.00 | 0.44 | 8.07 | 6.00 | 4.25 | 4.69 | 7.93 | 4.25 | 5.20 | 22.01 |
|        |      | TEFC | 3   | 1  | 115/230     | 182JM | 9653228100   | A2536FM-3T2P1     | 8.63 | 6.50 | 4.50 | 3.75 | 4.50/5.50 | 0.44 | 8.07 | 6.00 | 4.25 | 4.69 | 6.87 | 3.50 | 5.20 | 26.13 |
|        |      |      |     | 3  | 230/460     | 145JM | 9653228105   | A2536FM-3T2P3     | 6.50 | 5.94 | 3.50 | 2.75 | 4.00/5.00 | 0.38 | 8.07 | 6.00 | 4.25 | 4.69 | 5.74 | 2.88 | 5.20 | 20.11 |
|        |      |      |     | 3  | 575         | 145JM | 9653228205   | A2536FM-3T2P5     | 6.50 | 5.94 | 3.50 | 2.75 | 4.00/5.00 | 0.38 | 8.07 | 6.00 | 4.25 | 4.69 | 5.74 | 2.88 | 5.20 | 20.11 |
|        |      |      | 5   | 1  | 230         | 184JM | 9653228110   | A2536FM-5T2P1     | 8.63 | 6.50 | 4.50 | 3.75 | 4.50/5.50 | 0.45 | 8.07 | 6.00 | 4.25 | 4.69 | 6.87 | 3.50 | 5.20 | 23.37 |
|        |      |      |     | 3  | 230/460     | 184JM | 9653228115   | A2536FM-5T2P3     | 8.63 | 6.50 | 4.50 | 3.75 | 4.50/5.50 | 0.41 | 8.07 | 6.00 | 4.25 | 4.69 | 6.87 | 3.50 | 5.20 | 21.88 |
|        |      |      |     | 3  | 575         | 184JM | 9653228215   | A2536FM-5T2P5     | 8.63 | 6.50 | 4.50 | 3.75 | 4.50/5.50 | 0.41 | 8.07 | 6.00 | 4.25 | 4.69 | 6.87 | 3.50 | 5.20 | 21.88 |
|        |      |      | 7.5 | 1  | 230         | 213JM | 9653228120   | A2536FM-7.5T2P1   | 9.50 | 8.00 | 5.25 | 4.25 | 5.50/7.00 | 0.41 | 8.07 | 6.00 | 4.25 | 4.69 | 8.05 | 4.50 | 5.20 | 19.33 |
|        |      |      |     | 3  | 208-230/460 | 213JM | 9653228125   | A2536FM-7.5T2P3   | 9.50 | 8.00 | 5.25 | 4.25 | 5.50/7.00 | 0.41 | 8.07 | 6.00 | 4.25 | 4.69 | 8.04 | 4.50 | 5.20 | 23.58 |
|        |      |      |     | 3  | 575         | 213JM | 9653228225   | A2536FM-7.5T2P5   | 9.76 | 8.86 | 5.25 | 4.25 | 5.50/7.00 | 0.41 | 8.07 | 6.00 | 4.25 | 4.69 | 8.58 | 3.50 | 5.20 | 23.99 |
|        |      |      | 10  | 1  | 230         | 215JM | 9653228130   | A2536FM-10T2P1    | 9.50 | 8.00 | 5.25 | 4.25 | 4.00/5.00 | 0.41 | 8.07 | 6.00 | 4.25 | 4.69 | 8.78 | 4.50 | 5.20 | 20.47 |
|        |      |      |     | 3  | 230/460     | 215JM | 9653228135   | A2536FM-10T2P3    | 9.50 | 8.00 | 5.25 | 4.25 | 5.50/7.00 | 0.41 | 8.07 | 6.00 | 4.25 | 4.69 | 8.04 | 4.50 | 5.20 | 23.58 |
|        |      |      |     | 3  | 575         | 215JM | 9653228235   | A2536FM-10T2P5    | 9.50 | 8.00 | 5.25 | 4.25 | 5.50/7.00 | 0.41 | 8.07 | 6.00 | 4.25 | 4.69 | 8.04 | 4.50 | 5.20 | 23.58 |
|        |      |      | 15  | 3  | 208-230/460 | 215JM | 9653228140   | A2536FM-15T2P3    | 9.50 | 8.00 | 5.25 | 4.25 | 5.50/7.00 | 0.41 | 8.07 | 6.00 | 4.25 | 4.69 | 8.04 | 4.50 | 5.20 | 26.21 |
|        |      |      |     | 3  | 575         | 215JM | 9653228240   | A2536FM-15T2P5    | 9.50 | 8.00 | 5.25 | 4.25 | 5.50/7.00 | 0.41 | 8.07 | 6.00 | 4.25 | 4.69 | 8.04 | 4.50 | 5.20 | 26.20 |
| AL2536 | 1800 | TEFC | 1   | 3  | 230/460     | 143JM | 9653228325   | AL2536FM-1T4P3    | 6.50 | 5.94 | 3.50 | 2.75 | 4.00/5.00 | 0.34 | 8.07 | 6.00 | 4.25 | 4.69 | 5.73 | 2.88 | 5.20 | 19.25 |
|        |      |      | 1.5 |    |             | 145JM | 9653228335   | AL2536FM-1.5T4P3  | 6.50 | 5.94 | 3.50 | 2.75 | 4.00/5.00 | 0.34 | 8.07 | 6.00 | 4.25 | 4.69 | 5.73 | 2.88 | 5.20 | 19.25 |
|        |      |      | 2   |    |             | 145JM | 9653228340   | AL2536FM-2T4P3    | 6.50 | 5.94 | 3.50 | 2.75 | 4.00/5.00 | 0.34 | 8.07 | 6.00 | 4.25 | 4.69 | 5.73 | 2.88 | 5.20 | 19.25 |

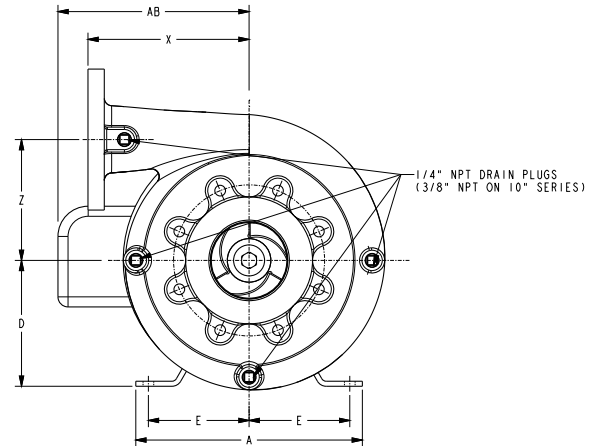
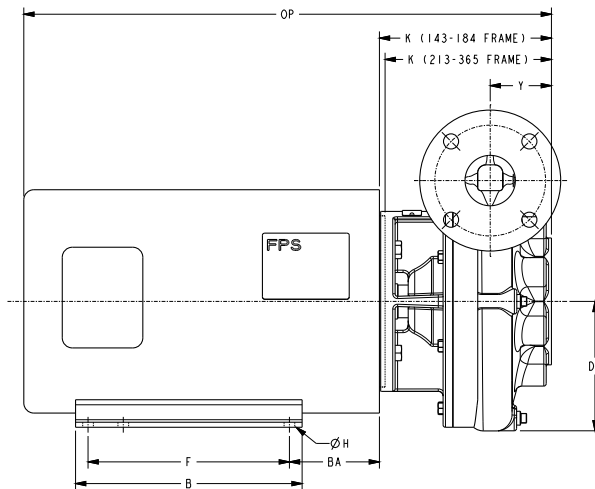
# CENTRIFUGAL PUMPS

## CLOSE-COUPLED AG SERIES

☰ MENU

# FPS

### DIMENSIONS



| Series  | RPM  | ENCL | HP | PH | Volts       | Frame | Order Number | Model Description | A     | B     | D    | E    | F           | H    | K    | X    | Y    | Z    | AB    | BA   | DD   | OP    |
|---------|------|------|----|----|-------------|-------|--------------|-------------------|-------|-------|------|------|-------------|------|------|------|------|------|-------|------|------|-------|
| A25410  | 3600 | ODP  | 20 | 3  | 230/460     | 254JM | 9654229105   | A25410FM-20D2P3   | 11.25 | 11.25 | 6.25 | 5.00 | 8.25/10.00  | 0.53 | 8.26 | 8.00 | 3.04 | 6.00 | 9.49  | 4.75 | 6.40 | 26.45 |
|         |      |      |    |    | 575         | 254JM | 9654229205   | A25410FM-20D2P5   | 11.25 | 9.50  | 6.25 | 5.00 | 8.25        | 0.53 | 8.26 | 8.00 | 3.04 | 6.00 | 9.72  | 4.75 | 6.40 | 24.39 |
|         |      |      | 25 | 3  | 230/460     | 256JM | 9654229110   | A25410FM-25D2P3   | 11.25 | 11.25 | 6.25 | 5.00 | 8.25/10.00  | 0.53 | 8.26 | 8.00 | 3.04 | 6.00 | 9.49  | 4.75 | 6.40 | 26.45 |
|         |      |      |    |    | 575         | 256JM | 9654229210   | A25410FM-25D2P5   | 11.42 | 11.42 | 6.25 | 5.00 | 8.25/10.00  | 0.53 | 8.26 | 8.00 | 3.04 | 6.00 | 9.45  | 4.75 | 6.40 | 25.23 |
|         |      |      | 30 | 3  | 230/460     | 284JM | 9654229115   | A25410FM-30D2P3   | 12.25 | 12.24 | 7.00 | 5.50 | 9.50/11.00  | 0.53 | 8.26 | 8.00 | 3.04 | 6.00 | 11.37 | 4.75 | 6.40 | 30.41 |
|         |      |      |    |    | 575         | 284JM | 9654229215   | A25410FM-30D2P5   | 13.78 | 11.57 | 7.00 | 5.50 | 9.50        | 0.53 | 8.26 | 8.00 | 3.04 | 6.00 | 10.87 | 5.00 | 6.40 | 30.99 |
|         |      |      | 40 | 3  | 208-230/460 | 286JM | 9654229120   | A25410FM-40D2P3   | 13.50 | 12.94 | 7.00 | 5.50 | 11.00       | 0.53 | 8.26 | 8.00 | 3.04 | 6.00 | 11.75 | 4.75 | 6.40 | 29.60 |
|         |      |      |    |    | 575         | 286JM | 9654229220   | A25410FM-40D2P5   | 13.78 | 12.53 | 7.00 | 5.50 | 11.00       | 0.53 | 8.26 | 8.00 | 3.04 | 6.00 | 11.93 | 5.00 | 6.40 | 29.38 |
|         |      | TEFC | 20 | 3  | 230/460     | 256JM | 9654228105   | A25410FM-20T2P3   | 11.50 | 11.50 | 6.25 | 5.00 | 8.25/10.00  | 0.53 | 8.26 | 8.00 | 3.04 | 6.00 | 10.04 | 4.75 | 6.40 | 28.56 |
|         |      |      |    |    | 575         | 256JM | 9654228205   | A25410FM-20T2P5   | 11.38 | 12.44 | 6.25 | 5.00 | 10.00       | 0.53 | 8.26 | 8.00 | 3.04 | 6.00 | 9.94  | 4.25 | 7.00 | 30.39 |
|         |      |      | 25 | 3  | 230/460     | 284JM | 9654228110   | A25410FM-25T2P3   | 12.75 | 12.84 | 7.00 | 5.50 | 9.50/11.00  | 0.53 | 8.26 | 8.00 | 3.04 | 6.00 | 12.09 | 4.75 | 6.40 | 30.81 |
|         |      |      |    |    | 575         | 256JP | 9654228210   | A25410FM-25T2P5   | 11.38 | 12.44 | 6.25 | 5.00 | 10.00       | 0.53 | 8.26 | 8.00 | 3.04 | 6.00 | 9.94  | 4.75 | 6.40 | 30.98 |
|         |      |      | 30 | 3  | 230/460     | 286JM | 9654228115   | A25410FM-30T2P3   | 12.75 | 12.84 | 7.00 | 5.50 | 9.50/11.00  | 0.53 | 8.26 | 8.00 | 3.04 | 6.00 | 13.11 | 4.75 | 6.40 | 32.49 |
|         |      |      |    |    | 575         | 286JM | 9654228215   | A25410FM-30T2P5   | 13.94 | 12.32 | 7.00 | 5.50 | 11.00       | 0.57 | 8.26 | 8.00 | 3.04 | 6.00 | 11.32 | 4.75 | 6.40 | 32.87 |
|         |      |      | 40 | 3  | 230/460     | 324JM | 9654228120   | A25410FM-40T2P3   | 14.50 | 14.00 | 8.00 | 6.25 | 10.50/12.00 | 0.66 | 8.26 | 8.00 | 3.04 | 6.00 | 13.74 | 5.25 | 6.40 | 34.49 |
|         |      |      |    |    | 575         | 286JM | 9654228220   | A25410FM-40T2P5   | 13.50 | 12.94 | 7.00 | 5.50 | 11.00       | 0.53 | 8.26 | 8.00 | 3.04 | 6.00 | 11.75 | 4.75 | 6.40 | 29.60 |
| AL25410 | 1800 | TEFC | 3  | 3  | 230/460     | 182JM | 9654228305   | AL25410FM-3T4P3B  | 8.63  | 6.50  | 4.50 | 3.75 | 4.50 / 5.50 | 0.41 | 7.27 | 8.00 | 3.04 | 6.00 | 6.87  | 3.50 | 6.40 | 21.08 |
|         |      |      |    |    |             | 182JM | 9654228310   | AL25410FM-3T4P3   | 8.63  | 6.50  | 4.50 | 3.75 | 4.50 / 5.50 | 0.41 | 7.27 | 8.00 | 3.04 | 6.00 | 6.87  | 3.50 | 6.40 | 21.08 |
|         |      |      | 5  | 3  |             | 184JM | 9654228315   | AL25410FM-5T4P3B  | 8.63  | 6.50  | 4.50 | 3.75 | 4.50 / 5.50 | 0.44 | 7.27 | 8.00 | 3.04 | 6.00 | 6.87  | 3.50 | 6.40 | 22.58 |
|         |      |      |    |    |             | 184JM | 9654228320   | AL25410FM-5T4P3   | 8.63  | 6.50  | 4.50 | 3.75 | 4.50 / 5.50 | 0.44 | 7.27 | 8.00 | 3.04 | 6.00 | 6.87  | 3.50 | 6.40 | 22.58 |

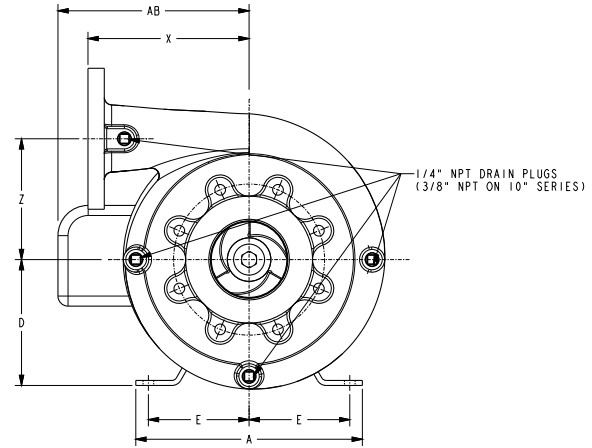
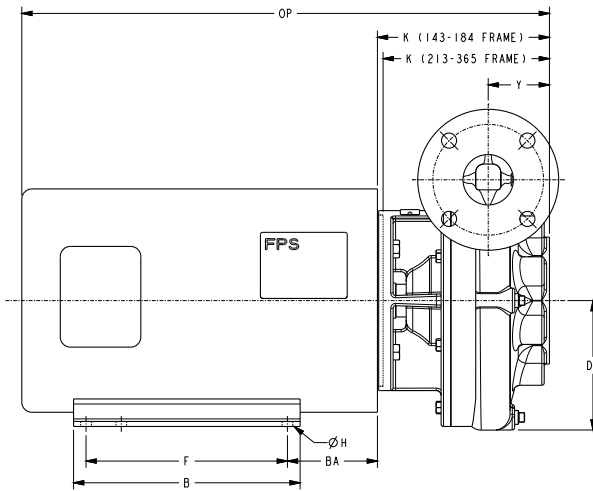
# CENTRIFUGAL PUMPS

## CLOSE-COUPLED AG SERIES

☰ MENU

# FPS

### DIMENSIONS



| Series | RPM  | ENCL | HP  | PH  | Volts       | Frame      | Order Number   | Model Description | A     | B     | D    | E         | F           | H    | K    | X    | Y    | Z    | AB    | BA   | DD    | OP    |
|--------|------|------|-----|-----|-------------|------------|----------------|-------------------|-------|-------|------|-----------|-------------|------|------|------|------|------|-------|------|-------|-------|
| A346   | 3600 | ODP  | 7.5 | 1   | 230         | 213JM      | 9648229100     | A346FM-7.5D2P1    | 9.50  | 8.00  | 5.25 | 4.25      | 5.50/7.00   | 0.43 | 6.50 | 6.88 | 2.56 | 4.56 | 7.93  | 4.50 | 5.43  | 20.44 |
|        |      |      |     | 3   | 208-230/460 | 184JM      | 9648229105     | A346FM-7.5D2P3    | 8.75  | 6.50  | 4.50 | 3.75      | 5.50        | 0.41 | 6.50 | 6.88 | 2.56 | 4.56 | 6.88  | 3.63 | 5.43  | 22.75 |
|        |      |      |     | 575 | 184JM       | 9648229205 | A346FM-7.5D2P5 | 8.63              | 6.50  | 4.50  | 3.75 | 4.50/5.50 | 0.41        | 6.50 | 6.88 | 2.56 | 4.56 | 5.85 | 3.5   | 5.43 | 18.75 |       |
|        |      |      | 10  | 1   | 230         | 215JM      | 9648229110     | A346FM-10D2P1     | 9.50  | 8.00  | 5.25 | 4.25      | 5.50/7.00   | 0.41 | 6.50 | 6.88 | 2.56 | 4.56 | 7.93  | 4.50 | 5.43  | 21.56 |
|        |      |      |     | 3   | 208-230/460 | 213JM      | 9648229115     | A346FM-10D2P3     | 9.50  | 8.00  | 5.25 | 4.25      | 5.50/7.00   | 0.43 | 6.50 | 6.88 | 2.56 | 4.56 | 7.92  | 4.25 | 5.43  | 20.44 |
|        |      |      |     | 575 | 213JM       | 9648229215 | A346FM-10D2P5  | 9.50              | 8.00  | 5.25  | 4.25 | 5.50/7.00 | 0.44        | 6.50 | 6.88 | 2.56 | 4.56 | 7.93 | 4.25  | 5.43 | 20.44 |       |
|        |      |      | 15  | 3   | 230/460     | 215JM      | 9648229120     | A346FM-15D2P3     | 9.50  | 8.00  | 5.25 | 4.25      | 5.50/7.00   | 0.43 | 6.50 | 6.88 | 2.56 | 4.56 | 7.92  | 4.25 | 5.43  | 20.44 |
|        |      |      |     | 575 | 215JM       | 9648229220 | A346FM-15D2P5  | 9.50              | 8.00  | 5.25  | 4.25 | 5.50/7.00 | 0.44        | 6.50 | 6.88 | 2.56 | 4.56 | 7.93 | 4.25  | 5.43 | 20.44 |       |
|        |      |      | 20  | 3   | 230/460     | 254JM      | 9648229125     | A346FM-20D2P3     | 11.25 | 11.25 | 6.25 | 5.00      | 8.25/10.00  | 0.53 | 7.62 | 6.88 | 2.56 | 4.56 | 9.49  | 4.75 | 5.43  | 24.82 |
|        |      |      |     | 575 | 254JM       | 9648229225 | A346FM-20D2P5  | 11.25             | 9.50  | 6.25  | 5.00 | 8.25      | 0.53        | 7.62 | 6.88 | 2.56 | 4.56 | 9.72 | 4.75  | 5.43 | 22.76 |       |
|        |      | TEFC | 7.5 | 1   | 230         | 213JM      | 9648228100     | A346FM-7.5T2P1    | 9.50  | 8.00  | 5.25 | 4.25      | 5.50/7.00   | 0.41 | 6.50 | 6.88 | 2.56 | 4.56 | 8.05  | 4.50 | 5.43  | 17.76 |
|        |      |      |     | 3   | 208-230/460 | 184JM      | 9648228105     | A346FM-7.5T2P3    | 8.63  | 6.50  | 4.50 | 3.75      | 4.50/5.50   | 0.41 | 6.50 | 6.88 | 2.56 | 4.56 | 6.87  | 3.5  | 5.43  | 21.81 |
|        |      |      |     | 575 | 213JM       | 9648228106 | A346FM-7.5T2P5 | 9.50              | 8.00  | 5.25  | 4.25 | 5.50/7.00 | 0.41        | 6.50 | 6.88 | 2.56 | 4.56 | 8.04 | 4.50  | 5.43 | 22.01 |       |
|        |      |      | 10  | 1   | 230         | 215JM      | 9648228110     | A346FM-10T2P1     | 9.50  | 8.00  | 5.25 | 4.25      | 4.00/5.00   | 0.41 | 6.50 | 6.88 | 2.56 | 4.56 | 8.78  | 4.50 | 5.43  | 18.90 |
|        |      |      |     | 3   | 230/460     | 215JM      | 9648228115     | A346FM-10T2P3     | 9.50  | 8.00  | 5.25 | 4.25      | 5.50/7.00   | 0.41 | 6.50 | 6.88 | 2.56 | 4.56 | 8.04  | 4.50 | 5.43  | 22.01 |
|        |      |      |     | 575 | 215JM       | 9648228215 | A346FM-10T2P5  | 9.50              | 8.00  | 5.25  | 4.25 | 5.50/7.00 | 0.41        | 6.50 | 6.88 | 2.56 | 4.56 | 8.04 | 4.50  | 5.43 | 22.01 |       |
|        |      |      | 15  | 3   | 208-230/460 | 215JM      | 9648228120     | A346FM-15T2P3     | 9.50  | 8.00  | 5.25 | 4.25      | 5.50/7.00   | 0.41 | 6.50 | 6.88 | 2.56 | 4.56 | 8.04  | 4.50 | 5.43  | 24.64 |
|        |      |      |     | 575 | 215JM       | 9648228220 | A346FM-15T2P5  | 9.50              | 8.00  | 5.25  | 4.25 | 5.50/7.00 | 0.41        | 6.50 | 6.88 | 2.56 | 4.56 | 8.04 | 4.50  | 5.43 | 24.63 |       |
|        |      |      | 20  | 3   | 230/460     | 256JM      | 9648228125     | A346FM-20T2P3     | 11.50 | 11.50 | 6.25 | 5.00      | 8.25/10.00  | 0.53 | 7.62 | 6.88 | 2.56 | 4.56 | 10.04 | 4.75 | 5.43  | 26.93 |
|        |      |      |     | 575 | 256JM       | 9648228225 | A346FM-20T2P5  | 11.38             | 12.44 | 6.25  | 5.00 | 10.00     | 0.53        | 7.62 | 6.88 | 2.56 | 4.56 | 9.94 | 4.25  | 5.43 | 28.76 |       |
| AL346  | 1800 | TEFC | 1   | 3   | 230/460     | 143JM      | 9648228305     | AL346FM-1T4P3     | 6.50  | 5.94  | 3.50 | 2.75      | 4.00/5.00   | 0.34 | 6.50 | 6.88 | 2.56 | 4.56 | 5.73  | 2.88 | 5.43  | 17.68 |
|        |      |      | 1.5 |     |             | 145JM      | 9648228315     | AL346FM-1.5T4P3   | 6.50  | 5.94  | 3.50 | 2.75      | 4.00/5.00   | 0.34 | 6.50 | 6.88 | 2.56 | 4.56 | 5.73  | 2.88 | 5.43  | 17.68 |
|        |      |      | 2   |     |             | 145JM      | 9648228320     | AL346FM-2T4P3     | 6.50  | 5.94  | 3.50 | 2.75      | 4.00/5.00   | 0.34 | 6.50 | 6.88 | 2.56 | 4.56 | 5.73  | 2.88 | 5.43  | 17.68 |
|        |      |      | 3   |     |             | 182JM      | 9648228325     | AL346FM-3T4P3     | 8.63  | 6.50  | 4.50 | 3.75      | 4.50 / 5.50 | 0.41 | 6.50 | 6.88 | 2.56 | 4.56 | 6.87  | 3.50 | 5.43  | 20.31 |

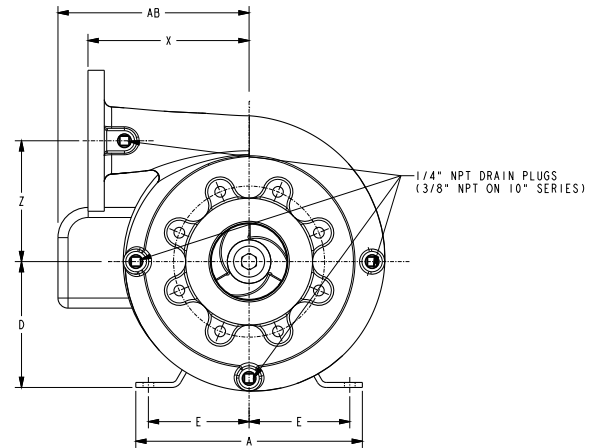
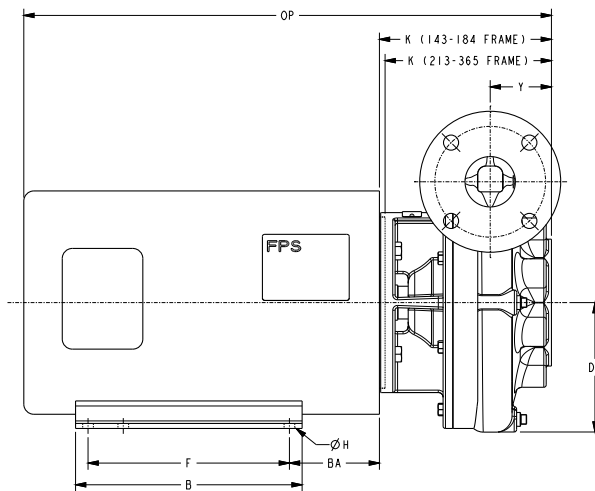
# CENTRIFUGAL PUMPS

## CLOSE-COUPLED AG SERIES

☰ MENU

# FPS

### DIMENSIONS



| Series | RPM  | ENCL | HP | PH | Volts       | Frame | Order Number | Model Description | A     | B     | D    | E    | F           | H    | K    | X    | Y    | Z    | AB    | BA   | DD   | OP    |
|--------|------|------|----|----|-------------|-------|--------------|-------------------|-------|-------|------|------|-------------|------|------|------|------|------|-------|------|------|-------|
| A349   | 3600 | ODP  | 30 | 3  | 230/460     | 284JM | 9649229100   | A349FM-30D2P3     | 12.25 | 12.24 | 7.00 | 5.50 | 9.50/11.00  | 0.53 | 8.19 | 6.88 | 2.67 | 5.88 | 11.37 | 4.75 | 6.97 | 29.50 |
|        |      |      |    |    | 575         | 284JM | 9649229200   | A349FM-30D2P5     | 13.78 | 11.57 | 7.00 | 5.50 | 9.50        | 0.53 | 8.19 | 6.88 | 2.67 | 5.88 | 10.87 | 5.00 | 6.97 | 30.08 |
|        |      |      | 40 | 3  | 208-230/460 | 286JM | 9649229105   | A349FM-40D2P3     | 13.50 | 12.94 | 7.00 | 5.50 | 11.00       | 0.53 | 8.19 | 6.88 | 2.67 | 5.88 | 11.75 | 4.75 | 6.97 | 28.69 |
|        |      |      |    |    | 575         | 286JM | 9649229205   | A349FM-40D2P5     | 13.78 | 12.53 | 7.00 | 5.50 | 11.00       | 0.53 | 8.19 | 6.88 | 2.67 | 5.88 | 11.93 | 5.00 | 6.97 | 28.47 |
|        |      |      | 50 | 3  | 230/460     | 324JM | 9649229110   | A349FM-50D2P3     | 14.04 | 13.50 | 8.00 | 6.25 | 10.50/12.00 | 0.66 | 8.19 | 6.88 | 2.67 | 5.88 | 13.20 | 5.25 | 6.97 | 29.88 |
|        |      |      |    |    | 575         | 324JM | 9649229210   | A349FM-50D2P5     | 15.16 | 13.07 | 8.00 | 6.25 | 10.50       | 0.66 | 8.19 | 6.88 | 2.67 | 5.88 | 11.5  | 5.50 | 6.97 | 29.37 |
|        |      |      | 60 | 3  | 230/460     | 326JM | 9649229115   | A349FM-60D2P3     | 14.04 | 13.50 | 8.00 | 6.25 | 10.50/12.00 | 0.66 | 8.19 | 6.88 | 2.67 | 5.88 | 13.20 | 5.25 | 6.97 | 29.88 |
|        |      |      |    |    | 575         | 326JM | 9649229215   | A349FM-60D2P5     | 15.16 | 15.57 | 8.00 | 6.25 | 12.00       | 0.66 | 8.19 | 6.88 | 2.67 | 5.88 | 11.5  | 5.50 | 6.97 | 30.87 |
|        |      |      | 75 | 3  | 208-23/460  | 364JM | 9649229120   | A349FM-75D2P3     | 17.17 | 15.40 | 9.00 | 7.00 | 11.25/12.25 | 0.66 | 8.19 | 6.88 | 2.67 | 5.88 | 16.38 | 5.88 | 6.97 | 32.08 |
|        |      |      |    |    | 575         | 364JM | 9649229220   | A349FM-75D2P5     | 17.17 | 15.40 | 9.00 | 7.00 | 11.25/12.25 | 0.66 | 8.19 | 6.88 | 2.67 | 5.88 | 16.38 | 5.88 | 6.97 | 32.08 |
|        |      | TEFC | 30 | 3  | 230/460     | 286JM | 9649228100   | A349FM-30T2P3     | 12.75 | 12.84 | 7.00 | 5.50 | 9.50/11.00  | 0.53 | 8.19 | 6.88 | 2.67 | 5.88 | 13.11 | 4.75 | 6.97 | 31.58 |
|        |      |      |    |    | 575         | 286JM | 9649228200   | A349FM-30T2P5     | 13.94 | 12.32 | 7.00 | 5.50 | 11.00       | 0.57 | 8.19 | 6.88 | 2.67 | 5.88 | 11.32 | 4.75 | 6.97 | 31.96 |
|        |      |      | 40 | 3  | 230/460     | 324JM | 9649228105   | A349FM-40T2P3     | 14.50 | 14.00 | 8.00 | 6.25 | 10.50/12.00 | 0.66 | 8.19 | 6.88 | 2.67 | 5.88 | 13.74 | 5.25 | 6.97 | 33.58 |
|        |      |      |    |    | 575         | 286JM | 9649228205   | A349FM-40T2P5     | 13.50 | 12.94 | 7.00 | 5.50 | 11.00       | 0.53 | 8.19 | 6.88 | 2.67 | 5.88 | 11.75 | 4.75 | 6.97 | 28.69 |
|        |      |      | 50 | 3  | 230/460     | 326JM | 9649228110   | A349FM-50T2P3     | 14.50 | 14.00 | 8.00 | 6.25 | 10.50/12.00 | 0.66 | 8.19 | 6.88 | 2.67 | 5.88 | 14.61 | 5.25 | 6.97 | 33.59 |
|        |      |      |    |    | 575         | 326JM | 9649228210   | A349FM-50T2P5     | 15.67 | 14.21 | 8.00 | 6.25 | 10.50/12.00 | 0.66 | 8.19 | 6.88 | 2.67 | 5.88 | 13.54 | 5.25 | 6.97 | 35.97 |
|        |      |      | 60 | 3  | 230/460     | 326JM | 9649228115   | A349FM-60T2P3     | 14.50 | 14.00 | 8.00 | 6.25 | 10.50/12.00 | 0.66 | 8.19 | 6.88 | 2.67 | 5.88 | 14.61 | 5.25 | 6.97 | 33.59 |
|        |      |      |    |    | 575         | 364JM | 9649228215   | A349FM-60T2P5     | 17.17 | 16.22 | 9.00 | 7.00 | 11.26/12.24 | 0.66 | 8.19 | 6.88 | 2.67 | 5.88 | 16.02 | 5.88 | 6.97 | 35.97 |
|        |      |      | 75 | 3  | 208-230/460 | 365JM | 9649228120   | A349FM-75T2P3     | 17.17 | 16.22 | 9.00 | 7.00 | 11.26/12.24 | 0.66 | 8.19 | 6.88 | 2.67 | 5.88 | 16.02 | 5.88 | 6.97 | 35.97 |
|        |      |      |    |    | 575         | 365JM | 9649228220   | A349FM-75T2P5     | 17.17 | 16.22 | 9.00 | 7.00 | 11.26/12.24 | 0.66 | 8.19 | 6.88 | 2.67 | 5.88 | 16.02 | 5.88 | 6.97 | 35.97 |

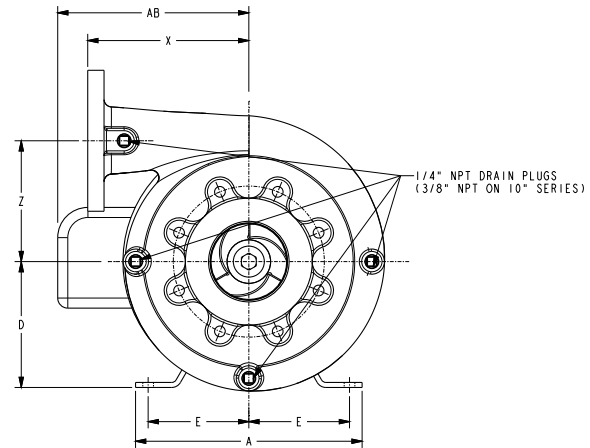
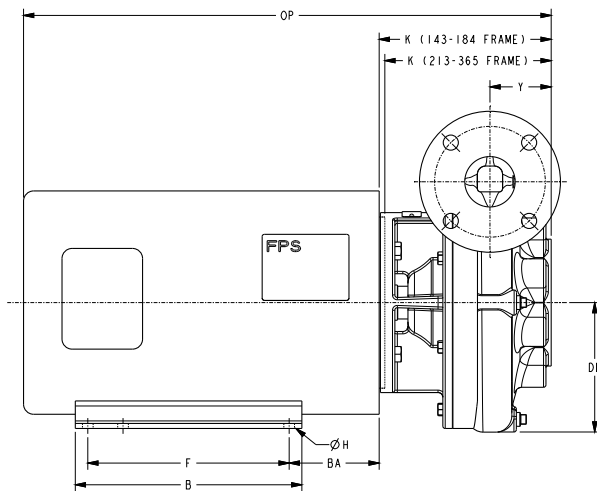
# CENTRIFUGAL PUMPS

## CLOSE-COUPLED AG SERIES

☰ MENU

# FPS

### DIMENSIONS



| Series | RPM  | ENCL | HP  | PH | Volts   | Frame | Order Number | Model Description | A     | B     | D    | E    | F          | H    | K    | X    | Y    | Z    | AB    | BA   | DD   | OP    |
|--------|------|------|-----|----|---------|-------|--------------|-------------------|-------|-------|------|------|------------|------|------|------|------|------|-------|------|------|-------|
| AL349  | 1800 | TEFC | 5   | 1  | 230     | 215JM | 9649228325   | AL349FM-5T4P1B    | 9.50  | 8.88  | 5.25 | 4.25 | 7.00       | 0.44 | 6.79 | 6.88 | 2.67 | 5.88 | 9.44  | 4.50 | 6.97 | 24.85 |
|        |      |      |     | 1  | 230     | 215JM | 9649228330   | AL349FM-5T4P1     | 9.50  | 8.88  | 5.25 | 4.25 | 7.00       | 0.44 | 6.79 | 6.88 | 2.67 | 5.88 | 9.44  | 4.50 | 6.97 | 24.85 |
|        |      |      |     | 3  | 230/460 | 184JM | 9649228300   | AL349FM-5T4P3B    | 8.63  | 6.50  | 4.50 | 3.75 | 4.50/5.50  | 0.41 | 6.79 | 6.88 | 2.67 | 5.88 | 6.87  | 3.50 | 6.97 | 22.10 |
|        |      |      |     | 3  | 230/460 | 184JM | 9649228305   | AL349FM-5T4P3     | 8.63  | 6.50  | 4.50 | 3.75 | 4.50/5.50  | 0.41 | 6.79 | 6.88 | 2.67 | 5.88 | 6.87  | 3.50 | 6.97 | 22.10 |
|        |      |      |     | 5  | 575     | 184JM | 9649228400   | AL349FM-5T4P5B    | 8.63  | 6.50  | 4.50 | 3.75 | 4.50/5.50  | 0.41 | 6.79 | 6.88 | 2.67 | 5.88 | 6.87  | 3.50 | 6.97 | 22.10 |
|        |      |      |     | 5  | 575     | 184JM | 9649228405   | AL349FM-5T4P5     | 8.63  | 6.50  | 4.50 | 3.75 | 4.50/5.50  | 0.41 | 6.79 | 6.88 | 2.67 | 5.88 | 6.87  | 3.50 | 6.97 | 22.10 |
|        |      |      | 7.5 | 1  | 230     | 215JM | 9649228335   | AL349FM-7.5T4P1B  | 9.50  | 8.88  | 5.25 | 4.25 | 7.00       | 0.44 | 6.79 | 6.88 | 2.67 | 5.88 | 9.44  | 5.13 | 6.97 | 24.85 |
|        |      |      |     | 1  | 230     | 215JM | 9649228340   | AL349FM-7.5T4P1   | 9.50  | 8.88  | 5.25 | 4.25 | 7.00       | 0.44 | 6.79 | 6.88 | 2.67 | 5.88 | 9.44  | 5.13 | 6.97 | 24.85 |
|        |      |      |     | 3  | 230/460 | 213JM | 9649228310   | AL349FM-7.5T4P3B  | 9.50  | 8.00  | 5.25 | 4.25 | 5.50/7.00  | 0.41 | 6.79 | 6.88 | 2.67 | 5.88 | 8.04  | 4.50 | 6.97 | 23.42 |
|        |      |      |     | 3  | 230/460 | 213JM | 9649228315   | AL349FM-7.5T4P3   | 9.50  | 8.00  | 5.25 | 4.25 | 5.50/7.00  | 0.41 | 6.79 | 6.88 | 2.67 | 5.88 | 8.04  | 4.50 | 6.97 | 23.42 |
|        |      |      |     | 3  | 575     | 213JM | 9649228410   | AL349FM-7.5T4P5B  | 9.50  | 8.00  | 5.25 | 4.25 | 5.50/7.00  | 0.41 | 6.79 | 6.88 | 2.67 | 5.88 | 8.04  | 4.50 | 6.97 | 23.42 |
|        |      |      |     | 3  | 575     | 213JM | 9649228415   | AL349FM-7.5T4P5B  | 9.50  | 8.00  | 5.25 | 4.25 | 5.50/7.00  | 0.41 | 6.79 | 6.88 | 2.67 | 5.88 | 8.04  | 4.50 | 6.97 | 23.42 |
|        |      |      | 10  | 1  | 230     | 215JM | 9649228345   | AL349FM-10T4P1    | 9.50  | 8.88  | 5.25 | 4.25 | 7.00       | 0.44 | 6.79 | 6.88 | 2.67 | 5.88 | 9.44  | 5.13 | 6.97 | 24.85 |
|        |      |      |     | 3  | 230/460 | 215JM | 9649228320   | AL349FM-10T4P3    | 9.50  | 8.00  | 5.25 | 4.25 | 5.50/7.00  | 0.41 | 6.79 | 6.88 | 2.67 | 5.88 | 8.04  | 4.50 | 6.97 | 24.93 |
|        |      |      |     | 3  | 575     | 215JM | 9649228420   | AL349FM-10T4P5    | 9.50  | 8.00  | 5.25 | 4.25 | 5.50/7.00  | 0.41 | 6.79 | 6.88 | 2.67 | 5.88 | 8.04  | 4.50 | 6.97 | 24.93 |
| AL3410 | 1800 | TEFC | 5   | 1  | 230     | 215JM | 9658228340   | AL3410FM-5T4P1    | 9.50  | 8.88  | 5.25 | 4.25 | 7.00       | 0.44 | 7.39 | 8.50 | 3.09 | 6.25 | 9.44  | 4.50 | 6.63 | 25.45 |
|        |      |      |     | 3  | 230/460 | 184JM | 9658228305   | AL3410FM-5T4P3    | 8.63  | 6.50  | 4.50 | 3.75 | 4.50/5.50  | 0.41 | 7.39 | 8.50 | 3.09 | 6.25 | 6.87  | 3.50 | 6.63 | 22.70 |
|        |      |      |     | 3  | 575     | 184JM | 9658228405   | AL3410FM-5T4P5    | 8.63  | 6.50  | 4.50 | 3.75 | 4.50/5.50  | 0.41 | 7.39 | 8.50 | 3.09 | 6.25 | 6.87  | 3.50 | 6.63 | 22.70 |
|        |      |      | 7.5 | 3  | 230/460 | 213JM | 9658228315   | AL3410FM-7.5T4P3  | 9.50  | 8.00  | 5.25 | 4.25 | 5.50/7.00  | 0.41 | 7.39 | 8.50 | 3.09 | 6.25 | 8.04  | 4.50 | 6.63 | 24.02 |
|        |      |      |     | 3  | 575     | 213JM | 9658228415   | AL3410FM-7.5T4P5  | 9.50  | 8.00  | 5.25 | 4.25 | 5.50/7.00  | 0.41 | 7.39 | 8.50 | 3.09 | 6.25 | 8.04  | 4.50 | 6.63 | 24.02 |
|        |      |      | 10  | 3  | 230/460 | 215JM | 9658228320   | AL3410FM-10T4P3   | 9.50  | 8.00  | 5.25 | 4.25 | 5.50/7.00  | 0.41 | 7.39 | 8.50 | 3.09 | 6.25 | 8.04  | 4.50 | 6.63 | 25.53 |
|        |      |      |     | 3  | 575     | 215JM | 9658228420   | AL3410FM-10T4P5   | 9.50  | 8.00  | 5.25 | 4.25 | 5.50/7.00  | 0.41 | 7.39 | 8.50 | 3.09 | 6.25 | 8.04  | 4.50 | 6.63 | 25.52 |
|        |      |      | 15  | 3  | 230/460 | 254JM | 9658228325   | AL3410FM-15T4P3   | 11.50 | 11.50 | 6.25 | 5.00 | 8.25/10.00 | 0.53 | 8.38 | 8.50 | 3.09 | 6.25 | 10.04 | 4.75 | 6.63 | 28.43 |
|        |      |      |     | 3  | 575     | 254JM | 9658228425   | AL3410FM-15T4P5   | 11.50 | 11.50 | 6.25 | 5.00 | 8.25/10.00 | 0.53 | 8.38 | 8.50 | 3.09 | 6.25 | 10.19 | 4.75 | 6.63 | 28.49 |

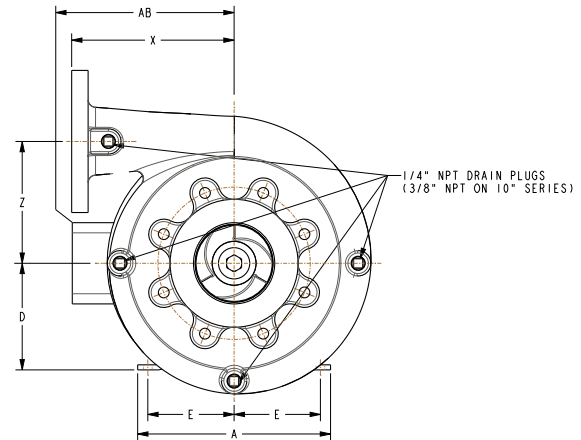
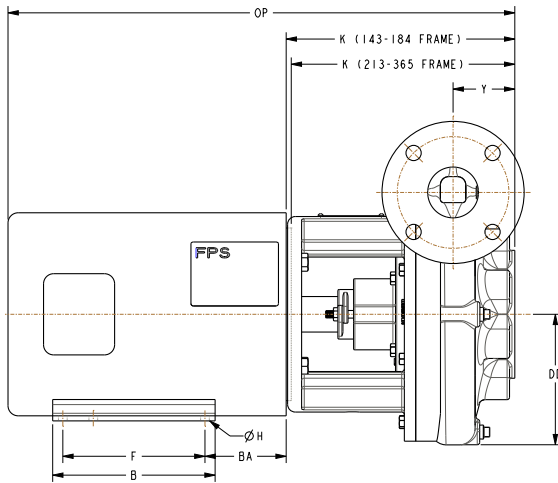
# CENTRIFUGAL PUMPS

## CLOSE-COUPLED AG SERIES

☰ MENU

# FPS

### DIMENSIONS



| Series | RPM  | ENCL | HP  | PH | Volts       | Frame | Order Number | Model Description | A     | B     | D    | E    | F          | H    | K     | X    | Y    | Z    | AB    | BA   | DD   | OP    |
|--------|------|------|-----|----|-------------|-------|--------------|-------------------|-------|-------|------|------|------------|------|-------|------|------|------|-------|------|------|-------|
| A346   | 3600 | ODP  | 7.5 | 1  | 230         | 213JP | 9648129100   | A346FP-7.5D2P1    | 9.50  | 8.00  | 5.25 | 4.25 | 5.50/7.00  | 0.41 | 10.56 | 6.88 | 2.56 | 4.56 | 7.93  | 4.50 | 5.43 | 24.50 |
|        |      |      |     | 3  | 208-230/460 | 184JP | 9648129105   | A346FP-7.5D2P3    | 8.75  | 6.50  | 4.50 | 3.75 | 5.50       | 0.41 | 9.56  | 6.88 | 3.50 | 4.56 | 6.88  | 2.07 | 5.43 | 22.75 |
|        |      |      |     | 3  | 575         | 184JP | 9648129205   | A346FP-7.5D2P5    | 8.66  | 6.30  | 4.50 | 3.75 | 4.50/5.50  | 0.41 | 9.56  | 6.88 | 3.50 | 4.56 | 6.70  | 3.50 | 5.43 | 21.16 |
|        |      |      | 10  | 1  | 230         | 215JP | 9648129110   | A346FP-10D2P1     | 9.50  | 8.00  | 5.25 | 4.25 | 5.50/7.00  | 0.41 | 10.56 | 6.88 | 2.56 | 4.56 | 7.93  | 4.50 | 5.43 | 25.62 |
|        |      |      |     | 3  | 208-230/460 | 213JP | 9648129115   | A346FP-10D2P3     | 9.45  | 7.95  | 5.25 | 4.25 | 5.50/7.00  | 0.41 | 10.56 | 6.88 | 2.56 | 4.56 | 7.97  | 4.25 | 5.43 | 25.62 |
|        |      |      |     | 3  | 575         | 215JP | 9648129215   | A346FP-10D2P5     | 9.45  | 7.95  | 5.25 | 4.25 | 5.50/7.00  | 0.41 | 10.56 | 6.88 | 2.56 | 4.56 | 7.97  | 4.25 | 5.43 | 24.41 |
|        |      |      | 15  | 3  | 230/460     | 215JP | 9648129120   | A346FP-15D2P3     | 9.50  | 8.00  | 5.25 | 4.25 | 5.50/7.00  | 0.43 | 10.56 | 6.88 | 2.56 | 4.56 | 7.97  | 4.25 | 5.43 | 24.51 |
|        |      |      |     | 3  | 575         | 215JP | 9648129220   | A346FP-15D2P5     | 9.45  | 7.95  | 5.25 | 4.25 | 5.50/7.00  | 0.41 | 10.56 | 6.88 | 2.56 | 4.56 | 7.97  | 4.25 | 5.43 | 25.20 |
|        |      |      | 20  | 3  | 230/460     | 254JP | 9648129125   | A346FP-20D2P3     | 11.25 | 11.25 | 6.25 | 5.00 | 8.25/10.00 | 0.53 | 10.56 | 6.88 | 2.56 | 4.56 | 9.49  | 4.75 | 5.43 | 25.63 |
|        |      |      |     | 3  | 575         | 254JP | 9648129225   | A346FP-20D2P5     | 12.17 | 12.00 | 6.25 | 5.00 | 8.25       | 0.53 | 10.56 | 6.88 | 2.56 | 4.56 | 12.30 | 4.75 | 5.43 | 29.76 |
|        |      | TEFC | 7.5 | 1  | 208-230     | 213JP | 9648128100   | A346FP-7.5T2P1    | 9.76  | 7.36  | 5.25 | 4.25 | 5.50       | 0.41 | 10.56 | 6.88 | 2.56 | 4.56 | 8.07  | 3.50 | 5.43 | 25.22 |
|        |      |      |     | 3  | 208-230/460 | 213JP | 9648128106   | A346FP-7.5T2P3    | 9.76  | 7.36  | 5.25 | 4.25 | 5.50       | 0.41 | 10.56 | 6.88 | 2.56 | 4.56 | 8.58  | 3.50 | 5.43 | 24.99 |
|        |      |      |     | 3  | 575         | 213JP | 9648128205   | A346FP-7.5T2P5    | 9.76  | 8.86  | 5.25 | 4.25 | 5.50/7.00  | 0.41 | 10.56 | 6.88 | 2.56 | 4.56 | 8.58  | 3.50 | 5.43 | 26.49 |
|        |      |      | 10  | 1  | 230         | 215JP | 9648128110   | A346FP-10T2P1     | 9.50  | 8.00  | 5.25 | 4.25 | 5.50/7.00  | 0.41 | 10.56 | 6.88 | 2.56 | 4.56 | 8.76  | 4.50 | 5.43 | 19.09 |
|        |      |      |     | 3  | 208-230/460 | 215JP | 9648128115   | A346FP-10T2P3     | 9.76  | 8.86  | 5.25 | 4.25 | 5.50/7.00  | 0.41 | 10.56 | 6.88 | 2.56 | 4.56 | 8.58  | 3.50 | 5.43 | 26.49 |
|        |      |      |     | 3  | 575         | 215JP | 9648128215   | A346FP-10T2P5     | 9.76  | 8.86  | 5.25 | 4.25 | 5.50/7.00  | 0.41 | 10.56 | 6.88 | 2.56 | 4.56 | 8.58  | 3.50 | 5.43 | 26.49 |
|        |      |      | 15  | 3  | 208-230/460 | 215JP | 9648128120   | A346FP-15T2P3     | 9.76  | 8.86  | 5.25 | 4.25 | 5.50/7.00  | 0.41 | 10.56 | 6.88 | 2.56 | 4.56 | 8.58  | 3.50 | 5.43 | 26.70 |
|        |      |      |     | 3  | 575         | 254JP | 9648128220   | A346FP-15T2P5     | 12.13 | 11.73 | 6.25 | 5.00 | 8.25/10.00 | 0.53 | 10.56 | 6.88 | 2.56 | 4.56 | 10.48 | 4.25 | 5.43 | 31.18 |
|        |      |      | 20  | 3  | 230/460     | 256JP | 9648128125   | A346FP-20T2P3     | 11.50 | 11.50 | 6.25 | 5.00 | 8.25/10.00 | 0.53 | 10.56 | 6.88 | 2.56 | 4.56 | 10.04 | 4.75 | 5.43 | 30.60 |
|        |      |      |     | 3  | 575         | 256JP | 9648128225   | A346FP-20T2P5     | 12.12 | 11.73 | 6.25 | 5.00 | 8.25/10.00 | 0.53 | 10.56 | 6.88 | 2.56 | 4.56 | 10.48 | 4.25 | 5.43 | 31.18 |



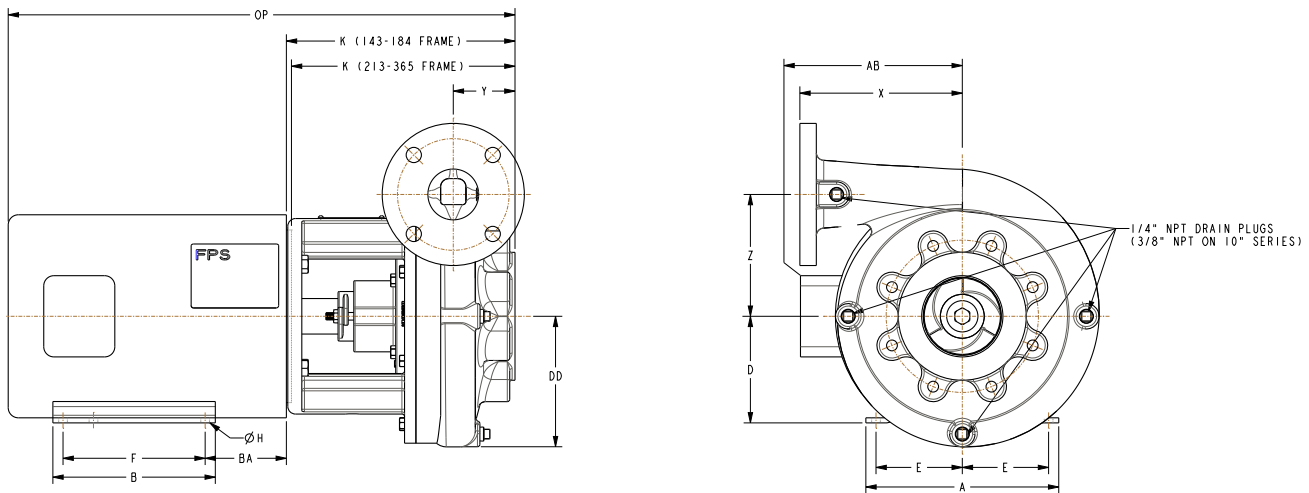
# CENTRIFUGAL PUMPS

## CLOSE-COUPLED AG SERIES

☰ MENU

# FPS

### DIMENSIONS



| Series | RPM  | ENCL | HP | PH | Volts   | Frame   | Order Number | Model Description | A     | B     | D    | E    | F           | H    | K     | X    | Y    | Z    | AB    | BA   | DD   | OP    |
|--------|------|------|----|----|---------|---------|--------------|-------------------|-------|-------|------|------|-------------|------|-------|------|------|------|-------|------|------|-------|
| A349   | 3600 | ODP  | 30 | 3  | 230/460 | 284JP   | 9649129100   | A349FP-30D2P3     | 12.25 | 12.24 | 7.00 | 5.50 | 9.50/11.00  | 0.53 | 11.12 | 6.88 | 2.67 | 5.88 | 11.37 | 4.75 | 6.97 | 32.44 |
|        |      |      |    |    | 575     | 284JP   | 9649129200   | A349FP-30D2P5     | 13.78 | 11.57 | 7.00 | 5.50 | 9.50        | 0.53 | 11.12 | 6.88 | 2.67 | 5.88 | 11.93 | 5.00 | 6.97 | 30.14 |
|        |      |      | 40 | 3  | 230/460 | 286JP   | 9649129105   | A349FP-40D2P3     | 12.25 | 12.24 | 7.00 | 5.50 | 9.50/11.00  | 0.53 | 11.12 | 6.88 | 2.67 | 5.88 | 11.37 | 4.75 | 6.97 | 32.44 |
|        |      |      |    |    | 575     | 286JP   | 9649129205   | A349FP-40D2P5     | 13.78 | 13.07 | 7.00 | 5.50 | 11.00       | 0.53 | 11.12 | 6.88 | 2.67 | 5.88 | 11.93 | 5.00 | 6.97 | 31.63 |
|        |      |      | 50 | 3  | 230/460 | 324JP   | 9649129110   | A349FP-50D2P3     | 14.04 | 13.50 | 8.00 | 6.25 | 10.50/12.00 | 0.66 | 11.12 | 6.88 | 2.67 | 5.88 | 13.20 | 5.25 | 6.97 | 32.81 |
|        |      |      |    |    | 575     | 324JP   | 9649129210   | A349FP-50D2P5     | 15.16 | 13.07 | 8.00 | 6.25 | 10.50       | 0.66 | 11.12 | 6.88 | 2.67 | 5.88 | 11.50 | 5.50 | 6.97 | 32.31 |
|        |      |      | 60 | 3  | 230/460 | 326JP   | 9649129115   | A349FP-60D2P3     | 14.04 | 13.50 | 8.00 | 6.25 | 10.50/12.00 | 0.66 | 11.12 | 6.88 | 2.67 | 5.88 | 13.20 | 5.25 | 6.97 | 32.81 |
|        |      |      |    |    | 575     | 326JP   | 9649129215   | A349FP-60D2P5     | 15.16 | 14.57 | 8.00 | 6.25 | 12.00       | 0.66 | 11.12 | 6.88 | 2.67 | 5.88 | 11.50 | 5.50 | 6.97 | 33.81 |
|        |      |      | 75 | 3  | 460     | *364JPZ | 9649129120   | A349FP-75D2P3     | 15.75 | 14.00 | 9.00 | 7.00 | 11.25/12.25 | 0.66 | 11.12 | 6.88 | 2.67 | 5.88 | 13.20 | 5.88 | 6.97 | 33.44 |
|        |      |      |    |    | 575     | *364JPZ | 9649129220   | A349FP-75D2P5     | 17.17 | 15.4  | 9.00 | 7.00 | 11.25/12.25 | 0.66 | 11.12 | 6.88 | 2.67 | 5.88 | 16.38 | 5.88 | 6.97 | 35.02 |
|        |      | TEFC | 30 | 3  | 230/460 | 286JP   | 9649128100   | A349FP-30T2P3     | 12.75 | 12.84 | 7.00 | 5.50 | 9.50/11.00  | 0.53 | 11.12 | 6.88 | 2.67 | 5.88 | 13.11 | 4.75 | 6.97 | 34.51 |
|        |      |      |    |    | 575     | 286JP   | 9649128200   | A349FP-30T2P5     | 13.78 | 13.07 | 7.00 | 5.50 | 9.50/11.00  | 0.53 | 11.12 | 6.88 | 2.67 | 5.88 | 11.07 | 4.75 | 6.97 | 34.58 |
|        |      |      | 40 | 3  | 230/460 | 324JP   | 9649128105   | A349FP-40T2P3     | 14.50 | 14.00 | 8.00 | 6.25 | 10.50/12.00 | 0.66 | 11.12 | 6.88 | 2.67 | 5.88 | 13.74 | 5.25 | 6.97 | 36.51 |
|        |      |      |    |    | 575     | 324JP   | 9649128205   | A349FP-40T2P5     | 15.16 | 14.57 | 8.00 | 6.25 | 10.50/12.00 | 0.66 | 11.12 | 6.88 | 2.67 | 5.88 | 12.58 | 5.25 | 6.97 | 37.02 |
|        |      |      | 50 | 3  | 230/460 | 326JP   | 9649128110   | A349FP-50T2P3     | 14.50 | 14.00 | 8.00 | 6.25 | 10.50/12.00 | 0.66 | 11.12 | 6.88 | 2.67 | 5.88 | 14.61 | 5.25 | 6.97 | 36.41 |
|        |      |      |    |    | 575     | 326JP   | 9649128210   | A349FP-50T2P5     | 15.16 | 14.57 | 8.00 | 6.25 | 10.50/12.00 | 0.66 | 11.12 | 6.88 | 2.67 | 5.88 | 12.58 | 5.25 | 6.97 | 37.02 |
|        |      |      | 60 | 3  | 230/460 | *364JPZ | 9649128115   | A349FP-60T2P3     | 16.50 | 14.50 | 9.00 | 7.00 | 11.25/12.25 | 0.66 | 11.12 | 6.88 | 2.67 | 5.88 | 14.61 | 5.88 | 6.97 | 38.53 |
|        |      |      |    |    | 575     | *364JPZ | 9649128215   | A349FP-60T2P5     | 17.17 | 16.22 | 9.00 | 7.00 | 11.26/12.24 | 0.66 | 11.12 | 6.88 | 2.67 | 5.88 | 16.02 | 5.88 | 6.97 | 38.92 |
|        |      |      | 75 | 3  | 460     | *364JPZ | 9649128120   | A349FP-75T2P3     | 17.00 | 15.00 | 9.00 | 7.00 | 12.25       | 0.69 | 11.12 | 6.88 | 2.67 | 5.88 | 18.06 | 6.12 | 6.97 | 38.94 |
|        |      |      |    |    | 575     | *364JPZ | 9649128220   | A349FP-75T2P5     | 17.17 | 16.22 | 9.00 | 7.00 | 11.26/12.24 | 0.66 | 11.12 | 6.88 | 2.67 | 5.88 | 16.02 | 5.88 | 6.97 | 38.92 |



# CENTRIFUGAL PUMPS

## CLOSE-COUPLED AG SERIES

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### JM FRAME MOTOR SPECIFICATIONS

3600 RPM

| 1-Phase JM O.D.P. Motor |       |      |       |        |            |           |     |
|-------------------------|-------|------|-------|--------|------------|-----------|-----|
| HP                      | Frame | S.F. | Volts | S.F.A. | Motor Code | Motor #   | Wt. |
| 3                       | 182JM | 1.15 | 230   | 16.2   | JM-1       | 104219000 | 86  |
| 5                       | 184JM | 1.15 | 230   | 23.7   | JM-1       | 104219002 | 112 |
| 7.5                     | 184JM | 1.15 | 230   | 33.4   | JM-1       | 106026016 | 112 |
|                         | 213JM | 1.15 | 230   | 39     | JM-2       | 104219004 | 121 |
| 10                      | 215JM | 1.15 | 230   | 51.6   | JM-2       | 104219006 | 121 |

| 3-Phase JM O.D.P. Motor |       |      |             |                |            |           |     |
|-------------------------|-------|------|-------------|----------------|------------|-----------|-----|
| HP                      | Frame | S.F. | Volts       | S.F.A.         | Motor Code | Motor #   | Wt. |
| 3.0                     | 145JM | 1.15 | 208-230/460 | 8.2-8.5/4.3    | JM-1       | 104236002 | 46  |
| 5.0                     | 182JM | 1.15 | 208-230/460 | 13.5-14/7      | JM-1       | 104236004 | 48  |
| 7.5                     | 184JM | 1.15 | 208-230/460 | 20.5-21/10.5   | JM-1       | 104236006 | 70  |
| 10                      | 213JM | 1.15 | 208-230/460 | 26.5-27.6/13.8 | JM-2       | 104236008 | 121 |
| 15                      | 215JM | 1.15 | 208-230/460 | 38-39.6/19.8   | JM-2       | 104236009 | 131 |
| 20                      | 254JM | 1.15 | 208-230/460 | 52.6-54.7/27.4 | JM-3       | 104236010 | 179 |
| 25                      | 256JM | 1.15 | 208-230/460 | 64.4-66.9/33.5 | JM-3       | 104236011 | 174 |
| 30                      | 284JM | 1.15 | 208-230/460 | 77.4-81/40.5   | JM-4       | 104236012 | 333 |
| 40                      | 286JM | 1.15 | 208-230/460 | 104-108.3/54.2 | JM-4       | 104236013 | 417 |
| 50                      | 324JM | 1.15 | 208-230/460 | 131-137.5/68   | JM-4       | 104236014 | 421 |
| 60                      | 326JM | 1.15 | 230/460     | 163.3/86.7     | JM-4       | 104236015 | 472 |
| 75                      | 364JM | 1.15 | 230/460     | 187.5/93.7     | JM-4       | 104236016 | 695 |

| 3-Phase JM O.D.P. Motor |       |      |       |        |            |           |     |
|-------------------------|-------|------|-------|--------|------------|-----------|-----|
| HP                      | Frame | S.F. | Volts | S.F.A. | Motor Code | Motor #   | Wt. |
| 3.0                     | 145JM | 1.15 | 575   | 3.4    | JM-1       | 104223001 | 40  |
| 5.0                     | 182JM | 1.15 | 575   | 5.6    | JM-1       | 104223002 | 59  |
| 7.5                     | 184JM | 1.15 | 575   | 8      | JM-1       | 104223003 | 70  |
| 10                      | 213JM | 1.15 | 575   | 11     | JM-2       | 104223004 | 117 |
| 15                      | 215JM | 1.15 | 575   | 15.9   | JM-2       | 104223005 | 131 |
| 20                      | 254JM | 1.15 | 575   | 21.9   | JM-3       | 104223006 | 151 |
| 25                      | 256JM | 1.15 | 575   | 26.8   | JM-3       | 104223007 | 174 |
| 30                      | 284JM | 1.15 | 575   | 32     | JM-4       | 104223008 | 333 |
| 40                      | 286JM | 1.15 | 575   | 43.4   | JM-4       | 104223009 | 417 |
| 50                      | 324JM | 1.15 | 575   | 54.4   | JM-4       | 104223010 | 496 |
| 60                      | 326JM | 1.15 | 575   | 65.3   | JM-4       | 104223011 | 582 |
| 75                      | 364JM | 1.15 | 575   | 75     | JM-4       | 104223012 | 695 |

| Motor Fit Codes with Dimensions |                   |                       |              |                         |
|---------------------------------|-------------------|-----------------------|--------------|-------------------------|
| Motor Fit Code                  | Flange Rabbet, AK | Shaft End Diameter, U | Shaft Length | Fits Motor Frames       |
| JM-1                            | 4.5               | 0.875                 | 4.250        | 143-145-182-184         |
| JM-2                            | 8.5               | 0.875                 | 4.250        | 213-215                 |
| JM-3                            | 8.5               | 1.250                 | 5.250        | 254-256                 |
| JM-4                            | 12.5              | 1.250                 | 5.250        | 284-286-324-326-364-365 |
| JP-1                            | 4.5               | 0.875                 | 7.312        | 143-145-182-184         |
| JP-2                            | 8.5               | 1.250                 | 8.125        | 213-215-254-256         |
| JP-3                            | 12.5              | 1.250                 | 8.125        | 284-286-324-326         |
| *JPZ-2P                         | 12.5              | 1.250                 | 8.125        | 364-445JPZ/TCZ          |

\*JPZ Frame motors are Franklin specified custom shaft versions

# CENTRIFUGAL PUMPS

## CLOSE-COUPLED AG SERIES

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### JM FRAME MOTOR SPECIFICATIONS

3600 RPM

| 1-Phase JM T.E.F.C. Motor |       |      |         |         |            |           |     |
|---------------------------|-------|------|---------|---------|------------|-----------|-----|
| HP                        | Frame | S.F. | Volts   | S.F.A.  | Motor Code | Motor #   | Wt. |
| 3                         | 182JM | 1.15 | 115/230 | 29/14.5 | JM-1       | 104220000 | 62  |
| 5                         | 184JM | 1    | 230     | 19.5    | JM-1       | 104220002 | 92  |
| 7.5                       | 213JM | 1    | 230     | 33      | JM-2       | 104220004 | 121 |
| 10                        | 215JM | 1    | 230     | 40      | JM-2       | 104220006 | 121 |

| 3-Phase JM T.E.F.C. Motor |       |      |             |                |            |           |     |
|---------------------------|-------|------|-------------|----------------|------------|-----------|-----|
| HP                        | Frame | S.F. | Volts       | S.F.A.         | Motor Code | Motor #   | Wt. |
| 3.0                       | 145JM | 1.15 | 208-230/460 | 7.9-8.2/4.1    | JM-1       | 104238002 | 52  |
| 5.0                       | 184JM | 1.15 | 208-230/460 | 12-13.4/6.7    | JM-1       | 104238004 | 79  |
| 7.5                       | 184JM | 1.15 | 208-230/460 | 18.5-19.4/9.7  | JM-1       | 104238206 | 101 |
| 7.5                       | 213JM | 1.15 | 208-230/460 | 19.4-20.4/10.2 | JM-2       | 104238006 | 101 |
| 10                        | 215JM | 1.15 | 208-230/460 | 24.9-27/13.5   | JM-2       | 104238008 | 143 |
| 15                        | 215JM | 1.15 | 208-230/460 | 36.8-39/19.5   | JM-2       | 104238009 | 163 |
| 20                        | 256JM | 1.15 | 208-230/460 | 50-52.6/26.3   | JM-3       | 104238010 | 265 |
| 25                        | 284JM | 1.25 | 208-230/460 | 63-71.3/35.6   | JM-4       | 104238011 | 273 |
| 30                        | 286JM | 1.25 | 208-230/460 | 74.8-84.5/42.3 | JM-4       | 104238012 | 375 |
| 40                        | 324JM | 1.25 | 208-230/460 | 101-114.5/57.3 | JM-4       | 104238013 | 410 |
| 50                        | 326JM | 1.25 | 208-230/460 | 124-140/70     | JM-4       | 104238014 | 549 |
| 60                        | 364JM | 1.25 | 208-230/460 | 148-167.5/83.8 | JM-4       | 104238015 | 825 |
| 75                        | 365JM | 1.25 | 208-230/460 | 181-205/102.5  | JM-4       | 104238016 | 847 |

| 3-Phase JM T.E.F.C. Motor |       |      |       |        |            |           |     |
|---------------------------|-------|------|-------|--------|------------|-----------|-----|
| HP                        | Frame | S.F. | Volts | S.F.A. | Motor Code | Motor #   | Wt. |
| 3.0                       | 143JM | 1.25 | 575   | 3.7    | JM-1       | 104224001 | 52  |
| 5.0                       | 184JM | 1.25 | 575   | 5.9    | JM-1       | 104224002 | 88  |
| 7.5                       | 213JM | 1.25 | 575   | 8.8    | JM-2       | 104224003 | 139 |
| 10                        | 215JM | 1.15 | 575   | 10.8   | JM-2       | 104224004 | 163 |
| 15                        | 215JM | 1.15 | 575   | 15.6   | JM-2       | 104224005 | 163 |
| 20                        | 256JM | 1.25 | 575   | 23.3   | JM-3       | 104224006 | 269 |
| 25                        | 284JM | 1.25 | 575   | 28.5   | JM-4       | 104224007 | 362 |
| 30                        | 286JM | 1.25 | 575   | 33.8   | JM-4       | 104224008 | 419 |
| 40                        | 324JM | 1.25 | 575   | 45.8   | JM-4       | 104224009 | 507 |
| 50                        | 326JM | 1.25 | 575   | 56.1   | JM-4       | 104224010 | 573 |
| 60                        | 364JM | 1.25 | 575   | 67     | JM-4       | 104224011 | 825 |
| 75                        | 365JM | 1.25 | 575   | 81.8   | JM-4       | 104224012 | 847 |

# CENTRIFUGAL PUMPS

## CLOSE-COUPLED AG SERIES

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### JP FRAME MOTOR SPECIFICATIONS

3600 RPM

| 1-Phase JP O.D.P. Motor |       |      |         |           |            |           |     |
|-------------------------|-------|------|---------|-----------|------------|-----------|-----|
| HP                      | Frame | S.F. | Volts   | S.F.A.    | Motor Code | Motor #   | Wt. |
| 3                       | 182JP | 1.15 | 115/230 | 33.4/16.7 | JP-1       | 104217000 | 86  |
| 5                       | 184JP | 1.15 | 230     | 25.3      | JP-1       | 104217002 | 112 |
| 7.5                     | 213JP | 1.15 | 230     | 34.5      | JP-2       | 104217004 | 143 |
| 10                      | 215JP | 1.15 | 230     | 48.3      | JP-2       | 104217006 | 121 |

| 3-Phase JP O.D.P. Motor |         |      |             |                |            |           |     |
|-------------------------|---------|------|-------------|----------------|------------|-----------|-----|
| HP                      | Frame   | S.F. | Volts       | S.F.A.         | Motor Code | Motor #   | Wt. |
| 3.0                     | 145JP   | 1.15 | 208-230/460 | 7.9-8.3/4.1    | JP-1       | 104237002 | 40  |
| 5.0                     | 182JP   | 1.15 | 208-230/460 | 13.5-14/7      | JP-1       | 104237004 | 59  |
| 7.5                     | 184JP   | 1.15 | 208-230/460 | 19.2-19.9/9.9  | JP-1       | 104237006 | 70  |
| 10.0                    | 213JP   | 1.15 | 208-230/460 | 26.5-27.6/13.8 | JP-2       | 104237008 | 117 |
| 15                      | 215JP   | 1.15 | 208-230/460 | 38-39.6/19.8   | JP-2       | 104237009 | 131 |
| 20                      | 254JP   | 1.15 | 208-230/460 | 52.6-54.7/27.4 | JP-2       | 104237010 | 151 |
| 25                      | 256JP   | 1.15 | 208-230/460 | 64.4-66.9/33.5 | JP-2       | 104237011 | 174 |
| 30                      | 284JP   | 1.15 | 208-230/460 | 76.7-79.8/40   | JP-3       | 104237012 | 333 |
| 40                      | 286JP   | 1.15 | 208-230/460 | 104-108.3/54.2 | JP-3       | 104237013 | 417 |
| 50                      | 324JP   | 1.15 | 208-230/460 | 131-137.5/68   | JP-3       | 104237014 | 496 |
| 60                      | 326JP   | 1.15 | 230/460     | 154/77         | JP-3       | 104237015 | 582 |
| 75                      | *364JPZ | 1.15 | 230/460     | 157.6/78.8     | JPZ-2P     | 104237016 | 754 |

| 3-Phase JP O.D.P. Motor |         |      |       |        |            |           |     |
|-------------------------|---------|------|-------|--------|------------|-----------|-----|
| HP                      | Frame   | S.F. | Volts | S.F.A. | Motor Code | Motor #   | Wt. |
| 3.0                     | 145JP   | 1.15 | 575   | 3.3    | JP-1       | 104221001 | 40  |
| 5.0                     | 182JP   | 1.15 | 575   | 5.6    | JP-1       | 104221002 | 59  |
| 7.5                     | 184JP   | 1.15 | 575   | 8      | JP-1       | 104221003 | 70  |
| 10                      | 213JP   | 1.15 | 575   | 11     | JP-2       | 104221004 | 117 |
| 15                      | 215JP   | 1.15 | 575   | 15.9   | JP-2       | 104221005 | 131 |
| 20                      | 254JP   | 1.15 | 575   | 21.9   | JP-2       | 104221006 | 151 |
| 25                      | 256JP   | 1.15 | 575   | 26.8   | JP-2       | 104221007 | 174 |
| 30                      | 284JP   | 1.15 | 575   | 32     | JP-3       | 104221008 | 333 |
| 40                      | 286JP   | 1.15 | 575   | 43.4   | JP-3       | 104221009 | 417 |
| 50                      | 324JP   | 1.15 | 575   | 54.4   | JP-3       | 104221010 | 496 |
| 60                      | 326JP   | 1.15 | 575   | 65.3   | JP-3       | 104221011 | 582 |
| 75                      | *364JPZ | 1.15 | 575   | 76.7   | JPZ-2P     | 104221012 | 756 |

\*JPZ Frame motors are Franklin specified custom shaft versions

# CENTRIFUGAL PUMPS

## CLOSE-COUPLED AG SERIES

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### JP FRAME MOTOR SPECIFICATIONS

3600 RPM

| 1-Phase JP T.E.F.C. Motor |       |      |         |         |            |           |     |
|---------------------------|-------|------|---------|---------|------------|-----------|-----|
| HP                        | Frame | S.F. | Volts   | S.F.A.  | Motor Code | Motor #   | Wt. |
| 3                         | 145JP | 1.15 | 115/230 | 29.9/15 | JP-1       | 104218000 | 53  |
| 5                         | 184JP | 1.15 | 230     | 23      | JP-1       | 104218002 | 106 |
| 7.5                       | 213JP | 1.15 | 230     | 34.3    | JP-2       | 104218004 | 143 |
| 10                        | 215JP | 1.15 | 230     | 46      | JP-2       | 104218006 | 121 |

| 3-Phase JP T.E.F.C. Motor |         |      |             |                 |            |           |     |
|---------------------------|---------|------|-------------|-----------------|------------|-----------|-----|
| HP                        | Frame   | S.F. | Volts       | S.F.A.          | Motor Code | Motor #   | Wt. |
| 3.0                       | 182JP   | 1.25 | 208-230/460 | 8.01-9.08/4.5   | JP-1       | 104239002 | 88  |
| 5.0                       | 184JP   | 1.25 | 208-230/460 | 13.1-14.8/7.4   | JP-1       | 104239004 | 88  |
| 7.5                       | 184JP   | 1.15 | 208-230/460 | 19.4-21.8/10.9  | JP-1       | 104239220 | 96  |
| 7.5                       | 213JP   | 1.25 | 208-230/460 | 19.4-21.8/10.9  | JP-2       | 104239006 | 139 |
| 10                        | 215JP   | 1.25 | 208-230/460 | 25.7-29/14.5    | JP-2       | 104239008 | 163 |
| 15                        | 215JP   | 1.25 | 208-230/460 | 37.6-42.5/21.3  | JP-2       | 104239009 | 236 |
| 20                        | 256JP   | 1.25 | 208-230/460 | 51.3-59.3/29.6  | JP-2       | 104239010 | 269 |
| 25                        | 284JP   | 1.25 | 208-230/460 | 63-78.8/39.4    | JP-3       | 104239011 | 362 |
| 30                        | 286JP   | 1.25 | 208-230/460 | 74.8-84.5/42.3  | JP-3       | 104239012 | 392 |
| 40                        | 324JP   | 1.25 | 208-230/460 | 101-114.5/57.25 | JP-3       | 104239013 | 547 |
| 50                        | 326JP   | 1.25 | 208-230/460 | 124-140/70      | JP-3       | 104239014 | 584 |
| 60                        | *364JPZ | 1.25 | 208-230/460 | 148-167.5/83.8  | JPZ-2P     | 104239015 | 587 |
| 75                        | *364JPZ | 1.15 | 208-230/460 | 181-164/81.9    | JPZ-2P     | 104239017 | 847 |

| 3-Phase JP T.E.F.C. Motor |         |      |       |        |            |           |     |
|---------------------------|---------|------|-------|--------|------------|-----------|-----|
| HP                        | Frame   | S.F. | Volts | S.F.A. | Motor Code | Motor #   | Wt. |
| 3.0                       | 182JP   | 1.25 | 575   | 3.6    | JP-1       | 104222001 | 88  |
| 5.0                       | 184JP   | 1.25 | 575   | 5.9    | JP-1       | 104222002 | 88  |
| 7.5                       | 213JP   | 1.25 | 575   | 8.8    | JP-2       | 104222003 | 139 |
| 10                        | 215JP   | 1.25 | 575   | 11.6   | JP-2       | 104222004 | 163 |
| 15                        | 254JP   | 1.25 | 575   | 17.25  | JP-2       | 104222005 | 236 |
| 20                        | 256JP   | 1.25 | 575   | 23.3   | JP-2       | 104222006 | 269 |
| 25                        | 284JP   | 1.25 | 575   | 28.5   | JP-3       | 104222007 | 362 |
| 30                        | 286JP   | 1.25 | 575   | 33.8   | JP-3       | 104222008 | 392 |
| 40                        | 324JP   | 1.25 | 575   | 45.8   | JP-3       | 104222009 | 507 |
| 50                        | 326JP   | 1.25 | 575   | 56.1   | JP-3       | 104222010 | 573 |
| 60                        | *364JPZ | 1.25 | 575   | 67     | JPZ-2P     | 104222011 | 70  |
| 75                        | *365JPZ | 1.25 | 575   | 81.9   | JPZ-2P     | 104222012 | 903 |

\*JPZ Frame motors are Franklin specified custom shaft versions

# CENTRIFUGAL PUMPS

## CLOSE-COUPLED AG SERIES

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### PUMP END KITS

3600 RPM

| Series       | Connection | Seal Type  | Frame     | AK  | Shaft Dia | Motor Code | Order No   | Description | Kit Trim | WT | HP  | Trim Required |
|--------------|------------|------------|-----------|-----|-----------|------------|------------|-------------|----------|----|-----|---------------|
| A1 x 1.5 - 7 | NPT        | MECHANICAL | 145-184JM | 4.5 | 0.875     | JM-1       | 9645210045 | A1157NM-4.5 | 7.125    | 45 | 3   | 5.25          |
|              |            |            |           |     |           |            |            |             |          |    | 5   | 6.13          |
|              |            |            |           |     |           |            |            |             |          |    | 7.5 | 7.13          |
|              |            | PACKING    | 145-184JP | 4.5 | 0.875     | JP-1       | 9645110045 | A1157NP-4.5 | 7.125    | 52 | 3   | 5.25          |
|              |            |            |           |     |           |            |            |             |          |    | 5   | 6.13          |
|              |            |            |           |     |           |            |            |             |          |    | 7.5 | 7.13          |
| A1.5 x 2 - 6 | NPT        | MECHANICAL | 182-184JM | 4.5 | 0.875     | JM-1       | 9646210045 | A1526NM-4.5 | 6.437    | 36 | 5   | 5.44          |
|              |            |            | 213-215JM | 8.5 | 0.875     | JM-2       | 9646210085 | A1526NM-8.5 | 6.437    | 40 | 7.5 | 6.00          |
|              |            |            | 182-184JP | 4.5 | 0.875     | JP-1       | 9646110045 | A1526NP-4.5 | 6.437    | 41 | 5   | 5.44          |
|              |            |            | 213-215JP | 8.5 | 0.875     | JP-2       | 9646110085 | A1526NP-8.5 | 6.437    | 55 | 7.5 | 6.00          |
|              |            | PACKING    | 182-184JM | 4.5 | 0.875     | JM-1       | 9646210045 | A1526NM-4.5 | 6.437    | 36 | 10  | 6.44          |
|              |            |            | 213-215JM | 8.5 | 0.875     | JM-2       | 9646210085 | A1526NM-8.5 | 6.437    | 40 | 7.5 | 6.00          |
|              |            |            | 182-184JP | 4.5 | 0.875     | JP-1       | 9646110045 | A1526NP-4.5 | 6.437    | 41 | 10  | 6.44          |
|              |            |            | 213-215JP | 8.5 | 0.875     | JP-2       | 9646110085 | A1526NP-8.5 | 6.437    | 55 | 7.5 | 6.00          |
| A2 x 2.5 - 6 | NPT        | MECHANICAL | 145-184JM | 4.5 | 0.875     | JM-1       | 9647210045 | A2256NM-4.5 | 6.413    | 33 | 3   | 4.13          |
|              |            |            | 213-215JM | 8.5 | 0.875     | JM-2       | 9647210085 | A2256NM-8.5 | 6.413    | 36 | 5   | 4.88          |
|              |            |            | 145-184JP | 4.5 | 0.875     | JP-1       | 9647210045 | A2256NP-4.5 | 6.413    | 33 | 7.5 | 5.5           |
|              |            |            | 213-215JP | 8.5 | 0.875     | JP-2       | 9647210085 | A2256NP-8.5 | 6.413    | 36 | 7.5 | 5.50          |
|              |            | PACKING    | 145-184JM | 4.5 | 0.875     | JM-1       | 9647210045 | A2256NM-4.5 | 6.413    | 33 | 10  | 6.00          |
|              |            |            | 213-215JM | 8.5 | 0.875     | JM-2       | 9647210085 | A2256NM-8.5 | 6.413    | 36 | 15  | 6.41          |
|              |            |            | 145-184JP | 4.5 | 0.875     | JP-1       | 9647210045 | A2256NP-4.5 | 6.413    | 33 | 3   | 4.13          |
|              |            |            | 213-215JP | 8.5 | 0.875     | JP-2       | 9647210085 | A2256NP-8.5 | 6.413    | 36 | 5   | 4.88          |
|              | FLG        | MECHANICAL | 145-184JM | 4.5 | 0.875     | JM-1       | 9647220045 | A2256FM-4.5 | 6.413    | 43 | 7.5 | 5.5           |
|              |            |            | 213-215JM | 8.5 | 0.875     | JM-2       | 9647220085 | A2256FM-8.5 | 6.413    | 43 | 7.5 | 5.50          |
|              |            |            | 145-184JP | 4.5 | 0.875     | JP-1       | 9647220045 | A2256FP-4.5 | 6.413    | 43 | 10  | 6.00          |
|              |            |            | 213-215JP | 8.5 | 0.875     | JP-2       | 9647220085 | A2256FP-8.5 | 6.413    | 43 | 15  | 6.41          |
|              |            | PACKING    | 145-184JM | 4.5 | 0.875     | JM-1       | 9647220045 | A2256FM-4.5 | 6.413    | 43 | 3   | 4.13          |
|              |            |            | 213-215JM | 8.5 | 0.875     | JM-2       | 9647220085 | A2256FM-8.5 | 6.413    | 43 | 5   | 4.88          |
|              |            |            | 145-184JP | 4.5 | 0.875     | JP-1       | 9647220045 | A2256FP-4.5 | 6.413    | 43 | 7.5 | 5.5           |
|              |            |            | 213-215JP | 8.5 | 0.875     | JP-2       | 9647220085 | A2256FP-8.5 | 6.413    | 43 | 7.5 | 5.50          |
| A2 x 3 - 8   | NPT        | MECHANICAL | 184JM     | 4.5 | 0.875     | JM-1       | 9650210045 | A238NM-4.5A | 7.938    | 47 | 3   | 4.13          |
|              |            |            | 213-215JM | 8.5 | 0.875     | JM-2       | 9650210085 | A238NM-8.5A | 7.25     | 50 | 5   | 4.88          |
|              |            |            | 254-256JM | 8.5 | 1.25      | JM-3       | 9650210085 | A238NM-8.5B | 7.94     | 60 | 7.5 | 5.88          |
|              |            |            | 184JM     | 4.5 | 0.875     | JM-1       | 9650220045 | A238FM-4.5A | 7.938    | 65 | 10  | 6.50          |
|              |            | PACKING    | 184JP     | 4.5 | 0.875     | JP-1       | 9650110045 | A238NP-4.5  | 7.25     | 68 | 15  | 7.25          |
|              |            |            | 213-215JP | 8.5 | 1.25      | JP-2       | 9650110085 | A238NP-8.5  | 7.94     | 70 | 20  | 7.94          |
|              |            |            | 254-256JP | 8.5 | 1.25      | JP-3       | 9650221085 | A238FM-8.5B | 7.94     | 76 | 7.5 | 5.88          |
|              |            |            | 184JP     | 4.5 | 0.875     | JP-1       | 9650110045 | A238NP-4.5  | 7.25     | 68 | 7.5 | 5.88          |
|              | FLG        | MECHANICAL | 184JM     | 4.5 | 0.875     | JM-1       | 9650210045 | A238NM-4.5A | 7.938    | 65 | 3   | 4.13          |
|              |            |            | 213-215JM | 8.5 | 0.875     | JM-2       | 9650220085 | A238FM-8.5A | 7.25     | 66 | 5   | 4.88          |
|              |            |            | 254-256JM | 8.5 | 1.25      | JM-3       | 9650221085 | A238FM-8.5B | 7.94     | 76 | 7.5 | 5.88          |
|              |            |            | 184JP     | 4.5 | 0.875     | JP-1       | 9650110045 | A238NP-4.5  | 7.25     | 68 | 10  | 6.50          |
|              |            | PACKING    | 184JP     | 4.5 | 0.875     | JP-1       | 9650120045 | A238FP-4.5  | 7.25     | 77 | 15  | 7.25          |
|              |            |            | 213-215JP | 8.5 | 1.25      | JP-2       | 9650110085 | A238NP-8.5  | 7.94     | 70 | 20  | 7.94          |
|              |            |            | 254-256JP | 8.5 | 1.25      | JP-3       | 9650221085 | A238FM-8.5B | 7.94     | 76 | 7.5 | 5.88          |
|              |            |            | 184JP     | 4.5 | 0.875     | JP-1       | 9650120045 | A238FP-4.5  | 7.25     | 77 | 10  | 6.50          |

# CENTRIFUGAL PUMPS

## CLOSE-COUPLED AG SERIES

☰ MENU



| PUMP END KITS |            |            | 3600 RPM  |      |           |            |            |               |          |     |     |               |
|---------------|------------|------------|-----------|------|-----------|------------|------------|---------------|----------|-----|-----|---------------|
| Series        | Connection | Seal Type  | Frame     | AK   | Shaft Dia | Motor Code | Order No   | Description   | Kit Trim | WT  | HP  | Trim Required |
| A2 x 3 - 8    | FLG        | PACKING    | 213-256JP | 8.5  | 1.250     | JP-2       | 9650120085 | A238FP-8.5    | 7.94     | 86  | 7.5 | 7.25          |
|               |            |            |           |      |           |            |            |               |          |     | 10  | 6.50          |
|               |            |            |           |      |           |            |            |               |          |     | 15  | 7.25          |
|               |            |            |           |      |           |            |            |               |          |     | 20  | 7.94          |
| A2 x 3 - 10   | NPT        | MECHANICAL | 184JM     | 4.5  | 0.875     | JM-1       | 9651210045 | A2310NM-4.5   | 9        | 87  | 7.5 | 6.75          |
|               |            |            | 213-215JM | 8.5  | 0.875     | JM-2       | 9651210085 | A2310NM-8.5A  | 8.25     | 92  | 7.5 | 6.75          |
|               |            |            |           |      |           |            |            |               |          |     | 10  | 7.38          |
|               |            |            | 254-256JM | 8.5  | 1.25      | JM-3       | 9651211085 | A2310NM-8.5B  | 9        | 96  | 15  | 8.25          |
|               | FLG        | MECHANICAL | 184JM     | 4.5  | 0.875     | JM-1       | 9651220045 | A2310FM-4.5   | 9        | 80  | 7.5 | 6.75          |
|               |            |            | 213-215JM | 8.5  | 0.875     | JM-2       | 9651220085 | A2310FM-8.5A  | 8.25     | 85  | 7.5 | 6.75          |
|               |            |            |           |      |           |            |            |               |          |     | 10  | 7.38          |
|               |            |            | 254-256JM | 8.5  | 1.25      | JM-3       | 9651221085 | A2310FM-8.5B  | 9        | 88  | 15  | 8.25          |
|               | NPT        | PACKING    | 184JP     | 4.5  | 0.875     | JP-1       | 9651110045 | A2310NP-4.5   | 6.75     | 99  | 7.5 | 6.75          |
|               |            |            | 213-256JP | 8.5  | 1.25      | JP-2       | 9651110085 | A2310NP-8.5   | 9        | 120 | 7.5 | 6.75          |
|               |            |            |           |      |           |            |            |               |          |     | 10  | 7.38          |
|               |            |            | 213-256JP | 8.5  | 1.25      | JP-2       | 9651110085 | A2310NP-8.5   | 9        | 120 | 15  | 8.25          |
|               | FLG        | PACKING    | 184JP     | 4.5  | 0.875     | JP-1       | 9651120045 | A2310FP-4.5   | 6.75     | 91  | 7.5 | 6.75          |
|               |            |            | 213-256JP | 8.5  | 1.25      | JP-2       | 9651120085 | A2310FP-8.5   | 9        | 113 | 7.5 | 6.75          |
|               |            |            |           |      |           |            |            |               |          |     | 10  | 7.38          |
|               |            |            | 213-256JP | 8.5  | 1.25      | JP-2       | 9651120085 | A2310FP-8.5   | 9        | 113 | 15  | 8.25          |
| A 2.5 x 3 - 6 | NPT        | MECHANICAL | 145-184JM | 4.5  | 0.875     | JM-1       | 9653210045 | A2536NM-4.5   | 6.437    | 41  | 3   | 3.69          |
|               |            |            | 213-215JM | 8.5  | 0.875     | JM-2       | 9653210085 | A2536NM-8.5   | 6.437    | 45  | 5   | 4.25          |
|               |            |            |           |      |           |            |            |               |          |     | 7.5 | 4.81          |
|               |            |            | 213-215JM | 8.5  | 0.875     | JM-2       | 9653210085 | A2536NM-8.5   | 6.437    | 45  | 7.5 | 4.81          |
|               | FLG        | MECHANICAL | 145-184JM | 4.5  | 0.875     | JM-1       | 9653220045 | A2536FM-4.5   | 6.437    | 55  | 3   | 3.69          |
|               |            |            | 213-215JM | 8.5  | 0.875     | JM-2       | 9653220085 | A2536FM-8.5   | 6.437    | 58  | 5   | 4.25          |
|               |            |            |           |      |           |            |            |               |          |     | 7.5 | 4.81          |
|               |            |            | 213-215JM | 8.5  | 0.875     | JM-2       | 9653220085 | A2536FM-8.5   | 6.437    | 58  | 7.5 | 4.81          |
|               | NPT        | PACKING    | 145-184JP | 4.5  | 0.875     | JP-1       | 9653110045 | A2536NP-4.5   | 4.813    | 49  | 3   | 3.69          |
|               |            |            | 213-254JP | 8.5  | 1.25      | JP-2       | 9653110085 | A2536NP-8.5   | 6.437    | 60  | 5   | 4.25          |
|               |            |            |           |      |           |            |            |               |          |     | 7.5 | 4.81          |
|               |            |            | 213-254JP | 8.5  | 1.25      | JP-2       | 9653110085 | A2536NP-8.5   | 6.437    | 60  | 7.5 | 4.81          |
|               | FLG        | PACKING    | 145-184JP | 4.5  | 0.875     | JP-1       | 9653120045 | A2536FP-4.5   | 4.813    | 63  | 3   | 3.69          |
|               |            |            | 213-254JP | 8.5  | 1.25      | JP-2       | 9653120085 | A2536FP-8.5   | 6.437    | 74  | 5   | 4.25          |
|               |            |            |           |      |           |            |            |               |          |     | 7.5 | 4.81          |
|               |            |            | 213-254JP | 8.5  | 1.25      | JP-2       | 9653120085 | A2536FP-8.5   | 6.437    | 74  | 7.5 | 4.81          |
| A2.5 x 4 - 10 | NPT        | MECHANICAL | 254-256JM | 8.5  | 1.25      | JM-3       | 9654211085 | A25410NM-8.5B | 8        | 119 | 10  | 5.38          |
|               |            |            | 284-324JM | 12.5 | 1.25      | JM-4       | 9654210125 | A25410NM-12.5 | 9        | 133 | 15  | 6.44          |
|               |            |            |           |      |           |            |            |               |          |     | 20  | 7.38          |
|               |            |            | 284-324JM | 12.5 | 1.25      | JM-4       | 9654210125 | A25410NM-12.5 | 9        | 133 | 25  | 8.00          |
|               | FLG        | MECHANICAL | 254-256JM | 8.5  | 1.25      | JM-4       | 9654221085 | A25410FM-8.5B | 8        | 118 | 30  | 8.38          |
|               |            |            |           |      |           |            |            |               |          |     | 40  | 9.00          |

# CENTRIFUGAL PUMPS

## CLOSE-COUPLED AG SERIES

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| PUMP END KITS |            | 3600 RPM   |           |      |           |            |            |               |          |     |     |               |
|---------------|------------|------------|-----------|------|-----------|------------|------------|---------------|----------|-----|-----|---------------|
| Series        | Connection | Seal Type  | Frame     | AK   | Shaft Dia | Motor Code | Order No   | Description   | Kit Trim | WT  | HP  | Trim Required |
| A2.5 x 4 - 10 | FLG        | MECHANICAL | 284-324JM | 12.5 | 1.25      | JM-3       | 9654220125 | A25410FM-12.5 | 9        | 131 | 30  | 8.38          |
|               |            |            |           |      |           |            |            |               |          |     | 40  | 9.00          |
|               | NPT        | PACKING    | 254-256JP | 8.5  | 1.25      | JP-2       | 9654110085 | A25410NP-8.5  | 8        | 141 | 20  | 7.38          |
|               |            |            |           |      |           |            |            |               |          |     | 25  | 8.00          |
|               |            |            | 284-326JP | 12.5 | 1.25      | JP-3       | 9654110125 | A25410NP-12.5 | 9        | 151 | 25  | 8.00          |
|               |            |            |           |      |           |            |            |               |          |     | 30  | 8.38          |
|               | FLG        | PACKING    |           |      |           |            |            |               |          |     | 40  | 9.00          |
|               |            |            | 254-256JP | 8.5  | 1.25      | JP-2       | 9654120085 | A25410FP-8.5  | 8        | 140 | 20  | 7.38          |
|               |            |            |           |      |           |            |            |               |          |     | 25  | 8.00          |
|               |            |            | 284-324JP | 12.5 | 1.25      | JP-3       | 9654120125 | A25410FP-12.5 | 9        | 149 | 25  | 8.00          |
|               |            |            |           |      |           |            |            |               |          |     | 30  | 8.38          |
|               |            |            |           |      |           |            |            |               |          |     | 40  | 9.00          |
| A3 x 4 - 6    | NPT        | MECHANICAL | 182-184JM | 4.5  | 0.875     | JM-1       | 9648210045 | A346NM-4.5    | 6.437    | 55  | 5   | 4.38          |
|               |            |            |           |      |           |            |            |               |          |     | 7.5 | 5.06          |
|               |            |            | 213-215JM | 8.5  | 0.875     | JM-2       | 9648210085 | A346NM-8.5A   | 6.437    | 58  | 7.5 | 5.06          |
|               |            |            |           |      |           |            |            |               |          |     | 10  | 5.31          |
|               |            |            |           |      |           |            |            |               |          |     | 15  | 5.94          |
|               |            |            | 254-256JM | 8.5  | 1.25      | JM-3       | 9648211085 | A346NM-8.5B   | 6.437    | 61  | 20  | 6.44          |
|               | FLG        | MECHANICAL | 184JM     | 4.5  | 0.875     | JM-1       | 9648220045 | A346FM-4.5    | 6.437    | 64  | 7.5 | 5.06          |
|               |            |            |           |      |           |            |            |               |          |     | 7.5 | 5.06          |
|               |            |            | 213-215JM | 8.5  | 0.875     | JM-2       | 9648220085 | A346FM-8.5A   | 6.437    | 67  | 10  | 5.31          |
|               |            |            |           |      |           |            |            |               |          |     | 15  | 5.94          |
|               |            |            | 254-256JM | 8.5  | 1.25      | JM-3       | 9648221085 | A346FM-8.5B   | 6.437    | 70  | 20  | 6.44          |
|               |            |            | 184JP     | 4.5  | 0.875     | JP-1       | 9648110045 | A346NP-4.5    | 6.437    | 62  | 7.5 | 6.44          |
|               | NPT        | PACKING    | 213-256JP | 8.5  | 1.25      | JP-2       | 9648110085 | A346NP-8.5    | 6.437    | 73  | 7.5 | 5.06          |
|               |            |            |           |      |           |            |            |               |          |     | 10  | 5.31          |
|               |            |            |           |      |           |            |            |               |          |     | 15  | 5.94          |
|               |            |            |           |      |           |            |            |               |          |     | 20  | 6.44          |
|               |            |            | 184JP     | 4.5  | 0.875     | JP-1       | 9648120045 | A346FP-4.5    | 6.437    | 71  | 7.5 | 5.06          |
|               |            |            |           |      |           |            |            |               |          |     | 7.5 | 5.06          |
|               | FLG        | PACKING    | 213-256JP | 8.5  | 1.25      | JP-2       | 9648120085 | A346FP-8.5    | 6.437    | 81  | 10  | 5.31          |
|               |            |            |           |      |           |            |            |               |          |     | 15  | 5.94          |
|               |            |            |           |      |           |            |            |               |          |     | 20  | 6.44          |
|               |            |            |           |      |           |            |            |               |          |     | 30  | 6.88          |
|               |            |            |           |      |           |            |            |               |          |     | 40  | 7.31          |
|               |            |            |           |      |           |            |            |               |          |     | 50  | 7.88          |
| A3 x 4 - 9    | NPT        | MECHANICAL | 284-365JM | 12.5 | 1.25      | JM-4       | 9649210125 | A349NM-12.5   | 9        | 114 | 60  | 8.56          |
|               |            |            |           |      |           |            |            |               |          |     | 75  | 9.00          |
|               |            |            |           |      |           |            |            |               |          |     | 30  | 6.88          |
|               |            |            |           |      |           |            |            |               |          |     | 40  | 7.31          |
|               |            |            |           |      |           |            |            |               |          |     | 50  | 7.88          |
|               |            |            |           |      |           |            |            |               |          |     | 60  | 8.56          |
|               | FLG        | MECHANICAL | 284-365JM | 12.5 | 1.25      | JM-4       | 9649220125 | A349FM-12.5   | 9        | 113 | 75  | 9.00          |
|               |            |            |           |      |           |            |            |               |          |     | 30  | 6.88          |
|               |            |            |           |      |           |            |            |               |          |     | 40  | 7.31          |
|               |            |            |           |      |           |            |            |               |          |     | 50  | 7.88          |
|               |            |            |           |      |           |            |            |               |          |     | 60  | 8.56          |
|               |            |            |           |      |           |            |            |               |          |     | 75  | 9.00          |
|               | NPT        | PACKING    | 284-326JP | 12.5 | 1.25      | JP-3       | 9649110125 | A349NP-12.5   | 9        | 119 | 30  | 6.88          |
|               |            |            |           |      |           |            |            |               |          |     | 40  | 7.31          |
|               |            |            |           |      |           |            |            |               |          |     | 50  | 7.88          |
|               |            |            |           |      |           |            |            |               |          |     | 60  | 8.56          |
|               |            |            |           |      |           |            |            |               |          |     | 75  | 9.00          |
|               |            |            | *364JPZ   |      |           | JPZ-2P     |            |               |          |     | 30  | 6.88          |
|               | FLG        | PACKING    | 284-326JP | 12.5 | 1.25      | JP-3       | 9649120125 | A349FP-12.5   | 9        | 118 | 40  | 7.31          |
|               |            |            |           |      |           |            |            |               |          |     | 50  | 7.88          |
|               |            |            |           |      |           |            |            |               |          |     | 60  | 8.56          |
|               |            |            |           |      |           |            |            |               |          |     | 75  | 9.00          |
|               |            |            |           |      |           |            |            |               |          |     | 30  | 6.88          |
|               |            |            | *364JPZ   |      |           | JPZ-2P     |            |               |          |     | 40  | 7.31          |

### INSTALLING MOTOR ON PUMP ENDS

\*JPZ Frame motors are Franklin specified custom shaft versions

Pump end kits are shipped with maximum diameter impeller for the largest horsepower rating within the range of motor frame sizes that pump kit is intended to fit. Any impeller trimming and re-balancing is the responsibility of the assembler.

If you purchase a pump end kit without a factory supplied motor, you are responsible for ensuring that the motor driver has a sufficient horsepower and service factor rating to adequately handle the pump horsepower load across the spectrum of the operating curve.

# CENTRIFUGAL PUMPS

## CLOSE-COUPLED AG SERIES

☰ MENU



### JM FRAME MOTOR SPECIFICATIONS

1800 RPM

| 1-Phase JM TEFC Motor |       |      |       |        |            |           |     |
|-----------------------|-------|------|-------|--------|------------|-----------|-----|
| HP                    | Frame | S.F. | Volts | S.F.A. | Motor Code | Motor #   | Wt. |
| 3.0                   | 184JM | 1.15 | 230   | 17.3   | JM-1       | 104228616 | 80  |
| 5.0                   | 215JM | 1.15 | 230   | 23     | JM-2       | 104228603 | 90  |
| 7.5                   | 215JM | 1.15 | 230   | 33.5   | JM-2       | 104228021 | 210 |
| 10                    | 215JM | 1.15 | 230   | 43     | JM-2       | 104228022 | 210 |

| 3-Phase JM TEFC Motor |       |      |             |                |            |           |     |
|-----------------------|-------|------|-------------|----------------|------------|-----------|-----|
| HP                    | Frame | S.F. | Volts       | S.F.A.         | Motor Code | Motor #   | Wt. |
| 1.0                   | 143JM | 1.15 | 208-230/460 | 3.1-3.4/1.7    | JM-1       | 104228218 | 40  |
| 1.5                   | 143JM | 1.15 | 208-230/460 | 4.5-4.8/2.4    | JM-1       | 104228217 | 44  |
| 2.0                   | 145JM | 1.15 | 208-230/460 | 6.6-6.4/3.2    | JM-1       | 104228215 | 50  |
| 3.0                   | 182JM | 1.15 | 208-230/460 | 9-9.2/4.6      | JM-1       | 104228219 | 76  |
| 5.0                   | 184JM | 1.15 | 208-230/460 | 13.6-15.3/7.7  | JM-1       | 104228220 | 70  |
| 7.5                   | 213JM | 1.15 | 208-230/460 | 20-21.6/10.8   | JM-2       | 104228205 | 134 |
| 10.0                  | 215JM | 1.15 | 208-230/460 | 25.4-27.6/13.9 | JM-2       | 104228206 | 165 |
| 15.0                  | 254JM | 1.15 | 208-230/460 | 38-41.6/20.8   | JM-3       | 104228207 | 268 |

| 3-Phase JM TEFC Motor |       |      |       |        |            |           |     |
|-----------------------|-------|------|-------|--------|------------|-----------|-----|
| HP                    | Frame | S.F. | Volts | S.F.A. | Motor Code | Motor #   | Wt. |
| 5.0                   | 184JM | 1.15 | 575   | 6      | JM-1       | 104242002 | 88  |
| 7.5                   | 213JM | 1.15 | 575   | 8.6    | JM-2       | 104242003 | 88  |
| 10.0                  | 215JM | 1.15 | 575   | 11.3   | JM-2       | 104242004 | 139 |
| 15.0                  | 254JM | 1.15 | 575   | 16.7   | JM-3       | 104242004 | 280 |



# CENTRIFUGAL PUMPS

## CLOSE-COUPLED AG SERIES

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### PUMP END KITS

1800 RPM

| Series        | Connection | Seal Type  | Frame     | AK  | Shaft Dia | Motor Code | Order No   | Description | Kit Trim | WT | HP  | Trim Required |
|---------------|------------|------------|-----------|-----|-----------|------------|------------|-------------|----------|----|-----|---------------|
| AL1 x 1.5 - 7 | NPT        | MECHANICAL | 143JM     | 4.5 | 0.875     | JM-1       | 9645210045 | A1157NM-4.5 | 7.125    | 45 | 1   | 7.125         |
| AL1.5 x 2 - 6 | NPT        | MECHANICAL | 143JM     | 4.5 | 0.875     | JM-1       | 9646210045 | A1526NM-4.5 | 6.437    | 36 | 1   | 6             |
| AL2 x 2.5 - 6 | NPT        | MECHANICAL | 143-145JM | 4.5 | 0.875     | JM-1       | 9647210045 | A2256NM-4.5 | 6.413    | 33 | 1   | 5.5           |
|               |            |            |           |     |           |            |            |             |          |    | 1.5 | 6             |
|               |            |            |           |     |           |            |            |             |          |    | 2   | 6.413         |
|               |            |            |           |     |           |            |            |             |          |    | 1   | 5.5           |
|               | FLG        | MECHANICAL | 143-145JM | 4.5 | 0.875     | JM-1       | 9647220045 | A2256FM-4.5 | 6.413    | 43 | 1.5 | 6             |
|               |            |            |           |     |           |            |            |             |          |    | 2   | 6.413         |
| AL2 x 3 - 8   | NPT        | MECHANICAL | 143-184JM | 4.5 | 0.875     | JM-1       | 9650210045 | A238NM-4.5A | 7.938    | 50 | 1   | 5.875         |
|               |            |            |           |     |           |            |            |             |          |    | 1.5 | 6.5           |
|               |            |            |           |     |           |            |            |             |          |    | 2   | 7.25          |
|               |            |            |           |     |           |            |            |             |          |    | 3   | 7.94          |
|               | FLG        | MECHANICAL | 143-184JM | 4.5 | 0.875     | JM-1       | 9650220045 | A238FM-4.5A | 7.938    | 65 | 1   | 5.875         |
|               |            |            |           |     |           |            |            |             |          |    | 1.5 | 6.5           |
| AL2 x 3 - 10  | NPT        | MECHANICAL | 143-184JM | 4.5 | 0.875     | JM-1       | 9651210045 | A2310NM-4.5 | 9.0      | 87 | 2   | 7.25          |
|               |            |            |           |     |           |            |            |             |          |    | 3   | 7.94          |
|               |            |            |           |     |           |            |            |             |          |    | 1   | 6.75          |
|               |            |            |           |     |           |            |            |             |          |    | 1.5 | 7.375         |
|               | FLG        | MECHANICAL | 143-184JM | 4.5 | 0.875     | JM-1       | 9651220045 | A2310FM-4.5 | 9.0      | 80 | 2   | 8.25          |
|               |            |            |           |     |           |            |            |             |          |    | 3   | 9             |
| AL2.5 x 3 - 6 | NPT        | MECHANICAL | 143-145JM | 4.5 | 0.875     | JM-1       | 9653210045 | A2536NM-4.5 | 6.437    | 41 | 1   | 4.813         |
|               |            |            |           |     |           |            |            |             |          |    | 1.5 | 5.375         |
|               |            |            |           |     |           |            |            |             |          |    | 2   | 6.437         |
|               |            |            |           |     |           |            |            |             |          |    | 1   | 4.813         |
|               | FLG        | MECHANICAL | 143-145JM | 4.5 | 0.875     | JM-1       | 9653220045 | A2536FM-4.5 | 6.437    | 55 | 1.5 | 5.375         |
|               |            |            |           |     |           |            |            |             |          |    | 2   | 6.437         |

#### INSTALLING MOTOR ON PUMP ENDS

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# CENTRIFUGAL PUMPS

## CLOSE-COUPLED AG SERIES

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| PUMP END KITS  |            |            | 1800 RPM  |      |           |            |            |                |          |     |     |               |
|----------------|------------|------------|-----------|------|-----------|------------|------------|----------------|----------|-----|-----|---------------|
| Series         | Connection | Seal Type  | Frame     | AK   | Shaft Dia | Motor Code | Order No   | Description    | Kit Trim | WT  | HP  | Trim Required |
| AL2.5 x 4 - 10 | NPT        | MECHANICAL | 182-184JM | 4.5  | 0.8745    | JM-1       | 9654210045 | AL25410NM-4.5  | 9.0      | 112 | 3   | 7.38          |
|                |            |            |           |      |           |            |            |                |          |     | 3   | 8             |
|                |            |            | 215JM     | 8.5  | 0.8745    | JM-2       | 9654210085 | A25410NM-8.5A  | 9.0      | 116 | 5   | 8.375         |
|                |            |            |           |      |           |            |            |                |          |     | 5   | 9             |
|                | FLG        | MECHANICAL | 182-184JM | 4.5  | 0.8745    | JM-1       | 9654220045 | AL25410-FM-4.5 | 9.0      | 110 | 3   | 7.38          |
|                |            |            |           |      |           |            |            |                |          |     | 3   | 8             |
|                |            |            | 215JM     | 8.5  | 0.8745    | JM-2       | 9654220085 | A25410-FM-8.5A | 9.0      | 114 | 5   | 8.375         |
|                |            |            |           |      |           |            |            |                |          |     | 5   | 9             |
| AL3 x 4 - 6    | NPT        | MECHANICAL | 143-184JM | 4.5  | 0.8745    | JM-1       | 9648210045 | A346NM-4.5     | 6.437    | 50  | 1   | 5.062         |
|                |            |            |           |      |           |            |            |                |          |     | 1.5 | 5.312         |
|                |            |            | 213-215JM | 8.5  | 0.8745    | JM-2       | 9648210085 | A346NM-8.5A    | 6.437    | 54  | 2   | 5.938         |
|                |            |            |           |      |           |            |            |                |          |     | 3   | 6.437         |
|                | FLG        | MECHANICAL | 143-184JM | 4.5  | 0.8745    | JM-1       | 9648220045 | A346FM-4.5     | 6.437    | 64  | 1   | 5.062         |
|                |            |            |           |      |           |            |            |                |          |     | 1.5 | 5.312         |
|                |            |            | 213-215JM | 8.5  | 0.8745    | JM-2       | 9648220085 | A346FM-8.5A    | 6.437    | 68  | 2   | 5.938         |
|                |            |            |           |      |           |            |            |                |          |     | 3   | 6.437         |
| AL3 x 4 - 9    | NPT        | MECHANICAL | 184JM     | 4.5  | 0.8745    | JM-1       | 9649210045 | AL349NM-4.5    | 9.0      | -   | 5   | 6.875         |
|                |            |            |           |      |           |            |            |                |          |     | 5   | 7.3125        |
|                |            |            | 213-215JM | 8.5  | 0.8745    | JM-2       | 9649210085 | AL349NM-8.5    | 9.0      | -   | 7.5 | 7.875         |
|                |            |            |           |      |           |            |            |                |          |     | 7.5 | 8.5625        |
|                |            |            | 254-256JM | 12.5 | 1.25      | JM-3       | 9649210125 | AL349NM-12.5   | 10.25    | -   | 10  | 9             |
|                |            |            |           |      |           |            |            |                |          |     | 10  | 10.25         |
|                | FLG        | MECHANICAL | 184JM     | 4.5  | 0.8745    | JM-1       | 9649220045 | AL349FM-4.5    | 9.0      | -   | 5   | 6.875         |
|                |            |            |           |      |           |            |            |                |          |     | 5   | 7.3125        |
|                |            |            | 213-215JM | 8.5  | 0.8745    | JM-2       | 9649220085 | AL349FM-8.5    | 9.0      | -   | 7.5 | 7.875         |
|                |            |            |           |      |           |            |            |                |          |     | 7.5 | 8.5625        |
|                |            |            | 254-256JM | 12.5 | 1.25      | JM-3       | 9649220125 | AL349FM-12.5   | 10.25    | -   | 10  | 9             |
|                |            |            |           |      |           |            |            |                |          |     | 10  | 10.25         |
| AL3 x 4 - 10   | FLG        | MECHANICAL | 184JM     | 4.5  | 0.875     | JM-1       | 9658220045 | AL3410FM-4.5   | 9.75     | 117 | 5   | 8.0           |
|                |            |            |           |      |           |            |            |                |          |     | 5   | 8.0           |
|                |            |            | 213-215JM | 8.5  | 0.875     | JM-2       | 9658220085 | A3410FM-8.5A   | 9.75     | 121 | 7.5 | 9.25          |
|                |            |            |           |      |           |            |            |                |          |     | 10  | 9.75          |
|                |            |            | 254-256JM | 12.5 | 1.25      | JM-3       | 9658220125 | A3410FM-12.5   | 10.25    | 125 | 10  | 10.25         |
|                |            |            |           |      |           |            |            |                |          |     | 15  | 10.25         |

### INSTALLING MOTOR ON PUMP ENDS

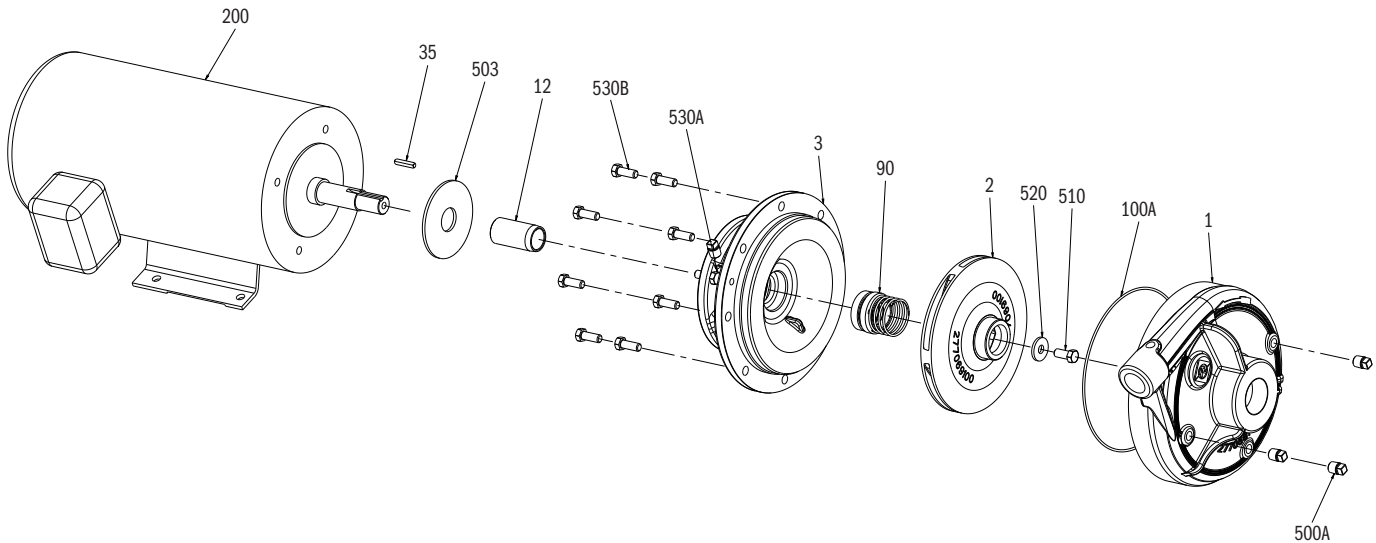
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# CENTRIFUGAL PUMPS

## CLOSE-COUPLED AG SERIES

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| Repair Parts |                                                             | A1x1.5-7 (3600 RPM)  | Mechanical Seal Construction |                                            |
|--------------|-------------------------------------------------------------|----------------------|------------------------------|--------------------------------------------|
| Figure No.   | Part Description                                            | AL1x1.5-7 (1800 RPM) | Repair No.                   | Materials of Construction                  |
| 1            | Volute Case (NPT) w/plugs                                   |                      | 305563001                    | Cast iron, ASTM-A48 CL30                   |
| 2            | Impeller, 3 hp 2-pole, 5.250" trim (.875 Bore)              |                      | 305563002                    | Cast iron, ASTM-A48 CL30                   |
| 2            | Impeller, 5 hp 2-pole, 6.125" trim (.875 Bore)              |                      | 305563003                    | Cast iron, ASTM-A48 CL30                   |
| 2            | Impeller, 7.5 hp 2-pole, 1hp 4-pole 7.125" trim (.875 Bore) |                      | 305563004                    | Cast iron, ASTM-A48 CL30                   |
| 3            | Motor Bracket                                               |                      | 305563005                    | Cast iron, ASTM-A48 CL30                   |
| 12           | Sleeve, Mechanical Seal                                     |                      | 305463227                    | 416 stainless steel                        |
| 35           | Key, Impeller Shaft                                         |                      | 305463001                    | 301 stainless steel                        |
| 90           | Mechanical Shaft Seal                                       |                      | 305463002                    | Carbon/ceramic/nitrile/316 stainless steel |
| 100A         | O-Ring, Volute Case (2-pack)                                |                      | 305463226                    | Nitrile                                    |
| 500A         | Pipe Plug (4-pack)                                          |                      | 305463020                    | Zinc-plated steel                          |
| 503          | Slinger                                                     |                      | 305450007                    | Neoprene                                   |
| 510          | Hex Cap Screw, Impeller                                     |                      | 305463006                    | 410 stainless steel                        |
| 520          | Washer, Impeller                                            |                      | 305447009                    | 300 series stainless steel                 |
| 530A         | Hex Cap Screw, Motor Bracket (12 Pack)                      |                      | 305463010                    | Zinc-plated steel                          |
| 530B         | Hex Cap Screw, Volute Case (12 Pack)                        |                      | 305463010                    | Zinc-plated steel                          |

## MOTOR FITMENT

| Figure No. | 3600      | 1800 | Frame     | AK  | Shaft Dia | Mtr Code |
|------------|-----------|------|-----------|-----|-----------|----------|
| 200        | 3 - 7.5HP | 1HP  | 143-184JM | 4.5 | 0.875     | JM-1     |

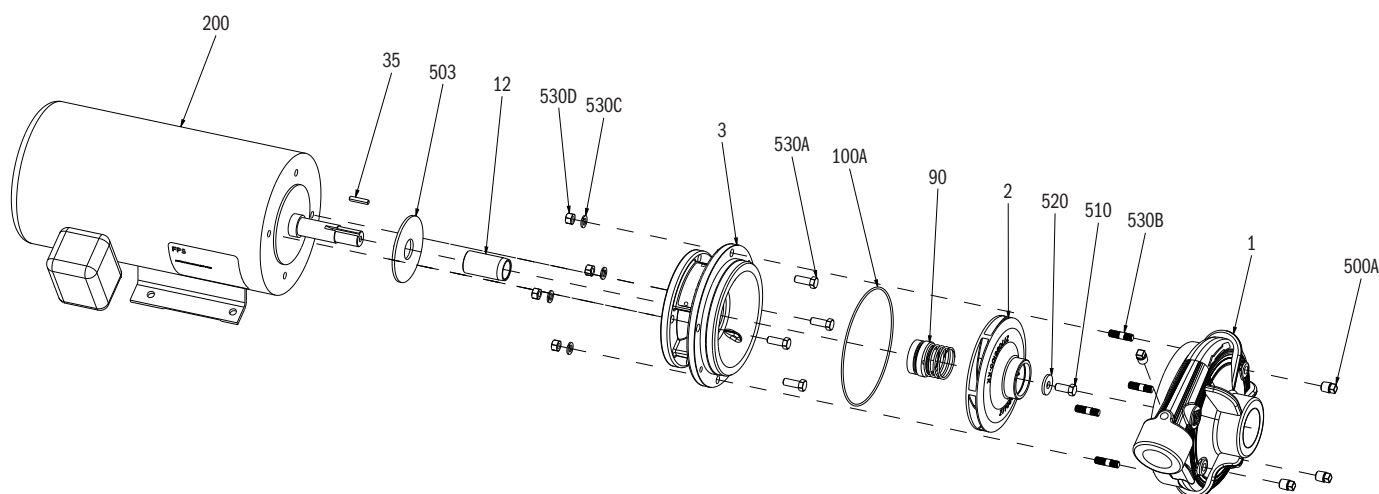
Refer to motor specifications page for replacement information

Motor Frame can be determined by the pump order number and or motor nameplate

# CENTRIFUGAL PUMPS

## CLOSE-COUPLED AG SERIES

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| Repair Parts |                                                                 | A1.5x2-6 (3600 RPM)<br>A1.5x2-6 (1800 RPM) |              | Mechanical Seal Construction               |  |
|--------------|-----------------------------------------------------------------|--------------------------------------------|--------------|--------------------------------------------|--|
|              |                                                                 | Repair No.                                 |              | Materials of Construction                  |  |
| Figure No.   | Part Description                                                | 4.5AK Models                               | 8.5AK Models |                                            |  |
| 1            | Volute Case (NPT) w/plugs                                       | 305566001                                  |              | Cast iron, ASTM-A48 CL30                   |  |
| 2            | Impeller, 5 hp 2-pole 5.438\" trim (.875 Bore)                  | 305566002                                  | N/A          | Cast iron, ASTM-A48 CL30                   |  |
| 2            | Impeller, 7.5 hp 2-pole, 1 hp 4-pole, 6.000\" trim (.875 Bore)  | 305566003                                  |              | Cast iron, ASTM-A48 CL30                   |  |
| 2            | Impeller, 10 hp 2-pole, 1.5 hp 4-pole, 6.437\" trim (.875 Bore) | N/A                                        | 305566004    | Cast iron, ASTM-A48 CL30                   |  |
| 3            | Motor Bracket                                                   | 305564005 305564008                        |              | Cast iron, ASTM-A48 CL30                   |  |
| 12           | Sleeve, Mechanical Seal                                         | 305463227                                  |              | 416 stainless steel                        |  |
| 35           | Key, Impeller Shaft                                             | 305463001                                  |              | 301 stainless steel                        |  |
| 90           | Mechanical Shaft Seal                                           | 305463002                                  |              | Carbon/ceramic/nitrile/316 stainless steel |  |
| 100A         | O-Ring, Volute Case (2-pack)                                    | 305463004                                  |              | Nitrile                                    |  |
| 500A         | Pipe Plug (4-pack)                                              | 305463020                                  |              | Zinc-plated steel                          |  |
| 503          | Slinger                                                         | 305450007                                  |              | Neoprene                                   |  |
| 510          | Hex Cap Screw, Impeller                                         | 305463006                                  |              | 410 stainless steel                        |  |
| 520          | Washer, Impeller                                                | 305463228                                  |              | 300 series stainless steel                 |  |
| 530A         | Hex Cap Screw, Motor Bracket (12 Pack)                          | 305463010                                  | 305463026    | Zinc-plated steel                          |  |
| 530B         | Studs, Volute Case (4 Pack)                                     | 305463229                                  |              | Zinc-plated steel                          |  |
| 530C         | Lockwashers, Volute Case (6 Pack)                               | 305463135                                  |              | Zinc-plated steel                          |  |
| 530D         | Nut, Volute Case                                                | 305463033                                  |              | Zinc-plated steel                          |  |

## MOTOR FITMENT

| Figure No. | 3600       | 1800      | Frame     | AK  | Shaft Dia | Mtr Code |
|------------|------------|-----------|-----------|-----|-----------|----------|
| 200        | 5 - 7.5HP  | 1 - 1.5HP | 143-184JM | 4.5 | 0.875     | JM-1     |
|            | 7.5 - 10HP | -         | 213-215JM | 8.5 | 0.875     | JM-2     |

Refer to motor specifications page for replacement information

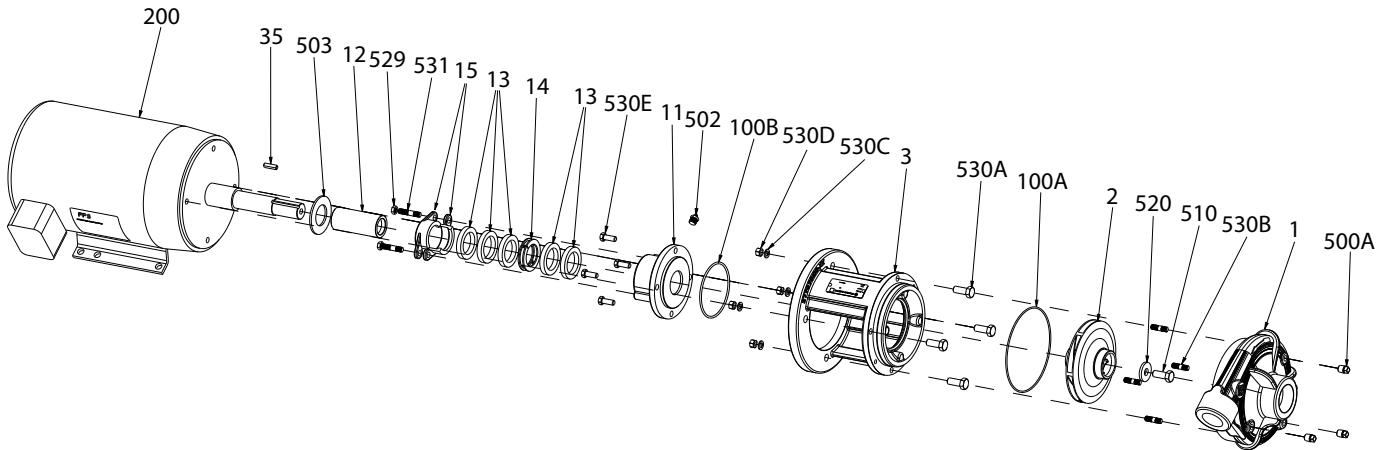
Motor Frame can be determined by the pump order number and or motor nameplate

# CENTRIFUGAL PUMPS

## CLOSE-COUPLED AG SERIES

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# FPS



| Figure No. | Repair Parts                               | A1.5x2-6 (3600 RPM) [Discontinued] |              | Packing Seal Construction                |  |
|------------|--------------------------------------------|------------------------------------|--------------|------------------------------------------|--|
|            |                                            | Repair No.                         |              | Materials of Construction                |  |
|            | Part Description                           | 4.5AK Models                       | 8.5AK Models |                                          |  |
| 1          | Volute Case (NPT) w/plugs                  | 305566001                          |              | Cast iron, ASTM-A48 CL30                 |  |
| 2          | Impeller, 5 hp 5.438" trim (.875 Bore)     | 305566002                          | N/A          | 316 stainless steel                      |  |
| 2          | Impeller, 7.5 1ph 6.000" trim (1.250 Bore) | N/A                                | 305566005    | Cast iron, ASTM-A48 CL30                 |  |
| 2          | Impeller, 7.5 3ph 6.000" trim (.875 Bore)  | 305566003                          | N/A          | Cast iron, ASTM-A48 CL30                 |  |
| 2          | Impeller, 10 hp 6.437" trim (1.250 Bore)   | N/A                                | 305566006    | Cast iron, ASTM-A48 CL30                 |  |
| 3          | Motor Bracket                              | 305564006                          | 305564009    | Cast iron, ASTM-A48 CL30                 |  |
| 11         | Packing Seal Box                           | 305447004                          | 305448005    | Cast iron, ASTM-A48 CL30                 |  |
| 12         | Sleeve, Shaft                              | 305448006                          | 305464010    | 416 stainless steel                      |  |
| 13         | Packing Ring Set                           | 305447006                          | 305448009    | Graphite/cotton                          |  |
| 14         | Lantern Ring                               | N/A                                | 305448010    | Teflon                                   |  |
| 15         | Packing Gland (2-Piece)                    | 305447007                          | 305448011    | 316 stainless steel                      |  |
| 35         | Key, Impeller Shaft                        | 305463001                          | 305448012    | 301 stainless steel                      |  |
| 100A       | O-Ring, Volute Case (2-pack)               | 305463004                          |              | Nitrile                                  |  |
| 100B       | O-Ring, Seal Box (2-pack)                  | 305463003                          | 305463013    | Nitrile                                  |  |
| 500A       | Pipe Plug (4-pack)                         | 305463020                          |              | Zinc-plated steel                        |  |
| 502        | Grease fitting                             | N/A                                | 305463015    | Zinc-plated steel                        |  |
| 503        | Slinger                                    | 305450007                          | 305447008    | Neoprene                                 |  |
| 510        | Hex Cap Screw, Impeller                    | 305463006                          | 305463024    | 410 stainless steel/17-4 stainless steel |  |
| 520        | Washer, Impeller                           | 305447009                          | 305450015    | 18-8 stainless steel                     |  |
| 529        | Nut, Packing Gland (4-pack)                | 305463007                          |              | Zinc-plated steel                        |  |
| 530A       | Hex Cap Screw, Motor Bracket (12 Pack)     | 305463010                          | 305463016    | Zinc-plated steel                        |  |
| 530B       | Stud, Volute Case (4 Pack)                 | 305463229                          |              | Zinc-plated steel                        |  |
| 530C       | Lockwashers, Volute Case (6 Pack)          | 305463135                          |              | Zinc-plated steel                        |  |
| 530D       | Nut, Volute Case                           | 305463033                          |              | Zinc-plated steel                        |  |
| 530E       | Hex Cap Screw, Seal Box (12-pack)          | 305463010                          |              | Zinc-plated steel                        |  |
| 531        | Stud, Packing Gland (4-pack)               | 305463008                          |              | Zinc-plated steel                        |  |

## MOTOR FITMENT

| Figure No. | 3600       | Frame     | AK  | Shaft Dia | Mtr Code |
|------------|------------|-----------|-----|-----------|----------|
| 200        | 5 - 7.5HP  | 145-184JP | 4.5 | 0.875     | JP-1     |
|            | 7.5 - 10HP | 213-215JP | 8.5 | 1.25      | JP-2     |

Refer to motor specifications page for replacement information

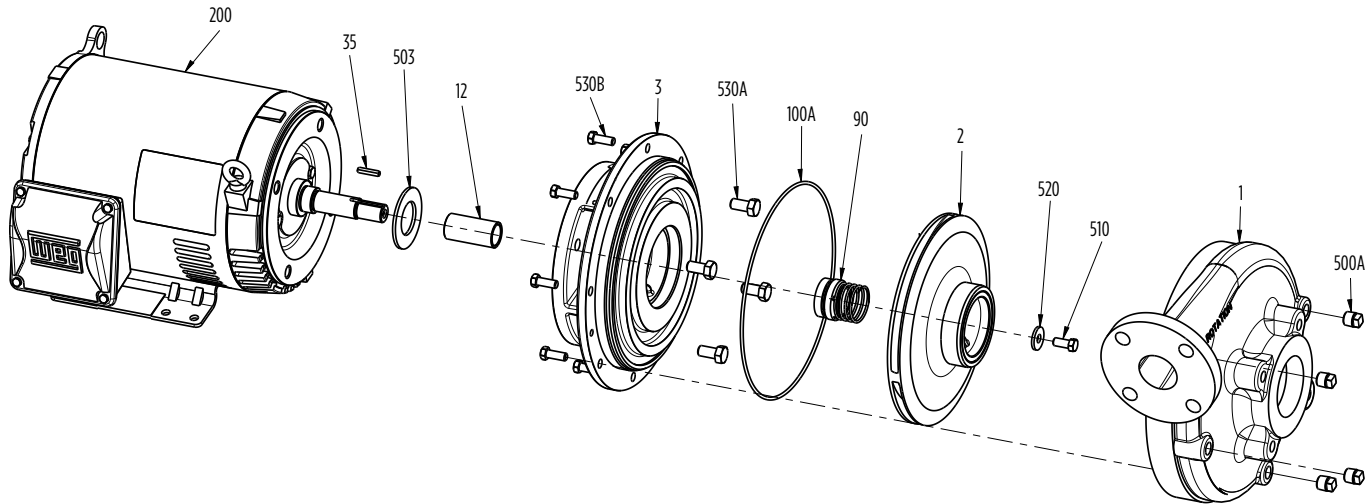
Motor Frame can be determined by the pump order number and or motor nameplate

# CENTRIFUGAL PUMPS

## CLOSE-COUPLED AG SERIES

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# FPS



| Repair Parts |            | A2X3-10 (3600 RPM) [Discontinued]                              | Mechanical Seal Construction |               |                                            |
|--------------|------------|----------------------------------------------------------------|------------------------------|---------------|--------------------------------------------|
|              |            | AL2X3-10 (1800 RPM)                                            |                              |               |                                            |
| Sealing      | Figure No. | Part Description                                               | Repair No.                   |               | Materials of Construction                  |
|              |            |                                                                | 4.5AK* Models                | 8.5AK* Models |                                            |
| Mechanical   | 1          | Volute Case, NPT w/plugs                                       | 305411923                    |               | Cast iron, ASTM-A48 CL30                   |
|              | Not Shown  | Volute Case, Flange w/plugs                                    | 305411907                    |               | Cast iron, ASTM-A48 CL30                   |
|              | 2          | Impeller, 3 hp 4-pole, 9.00" trim (.875" bore)                 | 305411953                    | N/A           | Cast iron, ASTM-A48 CL30                   |
|              | 2          | Impeller, 7.5 hp 2-pole, 1 hp 4-pole, 6.75" trim (.875" bore)  | 305411924                    |               | Cast iron, ASTM-A48 CL30                   |
|              | 2          | Impeller, 10 hp 2-pole, 1.5 hp 4-pole, 7.38" trim (.875" bore) | 305411925                    |               | Cast iron, ASTM-A48 CL30                   |
|              | 2          | Impeller, 15 hp 2-pole, 2 hp 4-pole, 8.25" trim (.875" bore)   | 305411926                    |               | Cast iron, ASTM-A48 CL30                   |
|              | 2          | Impeller, 20 hp 2-pole, 9.00" trim (1.250" bore)               | 305411927                    |               | Cast iron, ASTM-A48 CL30                   |
|              | 3          | Motor Bracket, 4.5AK                                           | 305411928                    | N/A           | Cast iron, ASTM-A48 CL30                   |
|              | 3          | Motor Bracket, 7.5-15 hp                                       | N/A                          | 305411929     | Cast iron, ASTM-A48 CL30                   |
|              | 3          | Motor Bracket, 20 hp                                           | N/A                          | 305411930     | Cast iron, ASTM-A48 CL30                   |
|              | 12         | Shaft Sleeve, 7.5-15 hp                                        | 305463248                    |               | 416 stainless steel                        |
|              | 12         | Shaft Sleeve, 20 hp                                            | N/A                          | 305463249     | 416 stainless steel                        |
|              | 35         | Key, Impeller Shaft, 7.5-15 hp                                 | 305463001                    |               | 301 stainless steel                        |
|              | 35         | Key, Impeller Shaft, 20 hp                                     | N/A                          | 305463150     | 316 stainless steel                        |
|              | 90         | Mechanical Shaft Seal, 3-15 hp                                 | 305463002                    |               | Carbon/ceramic/nitrile/316 stainless steel |
|              | 90         | Mechanical Shaft Seal, 20 hp                                   | N/A                          | 305463012     | Carbon/ceramic/nitrile/316 stainless steel |
|              | 100A       | O-ring, Volute Case, 3-10 hp (2 pack)                          | 305418925                    |               | Nitrile                                    |
|              | 500A       | Pipe Plug (4 pack)                                             | 305463175                    |               | Zinc-plated steel                          |
|              | 503        | Water Slinger                                                  | 305450007                    | 305447008     | Neoprene                                   |
|              | 503        | Water Slinger, 20 hp                                           | N/A                          | 305447008     | Neoprene                                   |
|              | 510        | Hex Cap Screw, Impeller                                        | 305463006                    |               | 410 stainless steel                        |
|              | 510        | Hex Cap Screw, Impeller, 20 hp                                 | N/A                          | 305463024     | 410 stainless steel                        |
|              | 520        | Washer, Impeller                                               | 305447009                    |               | 300 Series stainless steel                 |
|              | 520        | Washer, Impeller, 20 hp                                        | N/A                          | 305463270     | 416 Stainless steel                        |
|              | 530A       | Hex Cap Screw, Motor Bracket, 7.5-15 hp (12 pack)              | 305463053                    | 305463053     | Zinc-plated steel                          |
|              | 530A       | Hex Cap Screw, Motor Bracket, 20 hp (12 pack)                  | N/A                          | 305463016     | Zinc-plated steel                          |
|              | 530B       | Hex Cap Screw, Volute Case (4 pack)                            | 305463010                    |               | Zinc-plated steel                          |

## MOTOR FITMENT

| Figure No. | 3600       | 1800    | Frame     | AK  | Shaft Dia | Mtr Code |
|------------|------------|---------|-----------|-----|-----------|----------|
| 200        | 7.5HP      | 1 - 3HP | 143-184JM | 4.5 | 0.875     | JM-1     |
|            | 7.5 - 15HP | -       | 213-215JM | 8.5 | 0.875     | JM-2     |
|            | 20HP       | -       | 254-256JM | 8.5 | 1.25      | JM-3     |

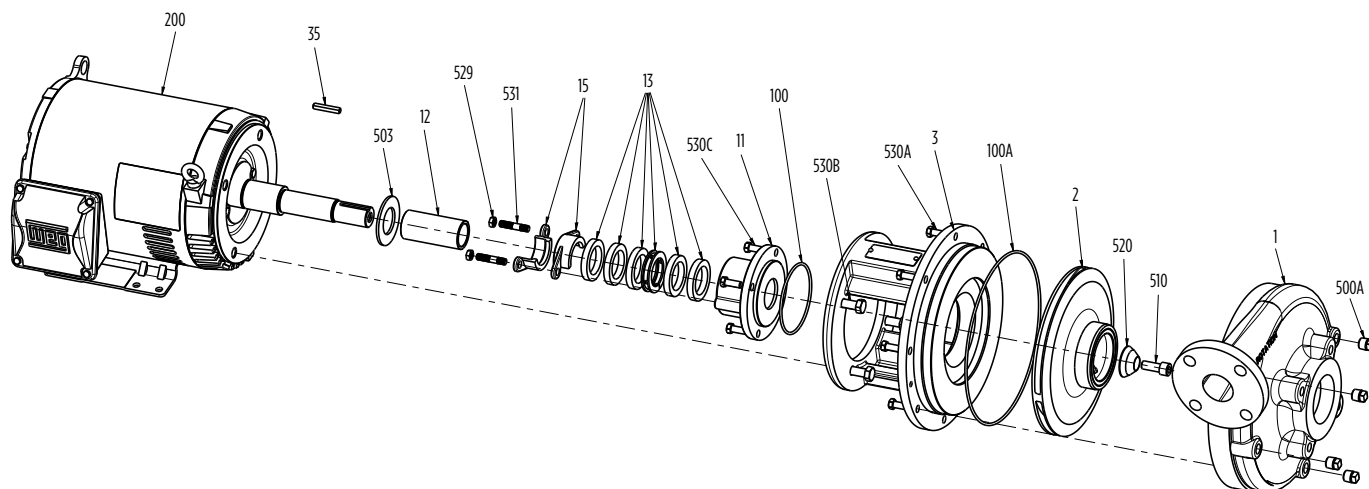
Refer to motor specifications page for replacement information

Motor Frame can be determined by the pump order number and or motor nameplate

# CENTRIFUGAL PUMPS

## CLOSE-COUPLED AG SERIES

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| Repair Parts |                                            | A2X3-10 (3600 RPM) [Discontinued] |              | Packing Seal Construction                |  |
|--------------|--------------------------------------------|-----------------------------------|--------------|------------------------------------------|--|
| Figure No.   | Part Description                           | Repair No.                        |              | Materials of Construction                |  |
|              |                                            | 4.5AK Models                      | 8.5AK Models |                                          |  |
| 1            | Volute Case, NPT w/plugs                   | 305411923                         |              | Cast iron, ASTM-A48 CL30                 |  |
| not shown    | Volute Case, Flange w/plugs                | 305411907                         |              | Cast iron, ASTM-A48 CL30                 |  |
| 2            | Impeller, 7-1/2 hp 6.750" trim (.875 bore) | 305411924                         | 305411931    | Cast iron, ASTM-A48 CL30                 |  |
| 2            | Impeller, 10 hp 7.375" trim (1.250 bore)   | N/A                               | 305411932    | Cast iron, ASTM-A48 CL30                 |  |
| 2            | Impeller, 15 hp 8.250" trim (1.250 bore)   | N/A                               | 305411933    | Cast iron, ASTM-A48 CL30                 |  |
| 2            | Impeller, 20 hp 9.000" trim (1.250 bore)   | N/A                               | 305411927    | Cast iron, ASTM-A48 CL30                 |  |
| 3            | Motor Bracket                              | 305411934                         | 305412902    | Cast iron, ASTM-A48 CL30                 |  |
| 11           | Packing Seal Box                           | 305447004                         | 305448005    | Cast iron, ASTM-A48 CL30                 |  |
| 12           | Shaft Sleeve                               | 305448006                         | 305452010    | 416 stainless steel                      |  |
| 13           | Packing Ring Set                           | 305447006                         | 305448009    | Graphite/cotton                          |  |
| 14           | Lantern Ring                               | N/A                               | 305448010    | Teflon                                   |  |
| 15           | Packing Gland (2-Piece)                    | 305447007                         | 305448011    | 316 stainless steel                      |  |
| 21           | Packing Gland Assembly                     | 305411935                         | 305411936    | Various                                  |  |
| 35           | Key, Impeller Shaft                        | 305463001                         | 305463150    | 301 stainless steel                      |  |
| 100          | O-Ring, Packing Seal Box                   | 305463003                         | 305463013    | Nitrile                                  |  |
| 100A         | O-Ring, Volute Case (15hp-20hp) 2-pack     | 305418925                         |              | Nitrile                                  |  |
| 500A         | Pipe Plug (4-pack)                         | 305463175                         |              | Zinc-plated steel                        |  |
| 502          | Grease Fitting (2-pack)                    | N/A                               | 305463015    | Zinc-plated steel                        |  |
| 503          | Water Slinger                              | 305450007                         | 305447008    | Neoprene                                 |  |
| 510          | Hex Cap Screw, Impeller                    | 305463006                         | 305463024    | 410 stainless steel/17-4 stainless steel |  |
| 520          | Washer, Impeller                           | 305447009                         | 305463270    | 416 stainless steel                      |  |
| 529          | Nut, Packing Gland (4-pack)                | 305463007                         |              | Zinc-plated steel                        |  |
| 530A         | Hex Cap Screw, Motor Bracket               | 305463010                         | 305463016    | Zinc-plated steel                        |  |
| 530B         | Hex Cap Screw, Volute Case (12-Pack)       | 305463010                         |              | Zinc-plated steel                        |  |
| 530C         | Hex Cap Screw, Seal Box (12-Pack)          | 305463010                         |              | Zinc-plated steel                        |  |
| 531          | Stud, Packing Gland (4-pack)               | 305463008                         |              | Zinc-plated steel                        |  |

## MOTOR FITMENT

| Figure No. | 3600RPM    | Frame     | AK  | Shaft Dia | Mtr Code |
|------------|------------|-----------|-----|-----------|----------|
| 200        | 7.5HP      | 145-184JP | 4.5 | 0.875     | JP-1     |
|            | 7.5 - 20HP | 213-256JP | 8.5 | 1.25      | JP-2     |

Refer to motor specifications page for replacement information

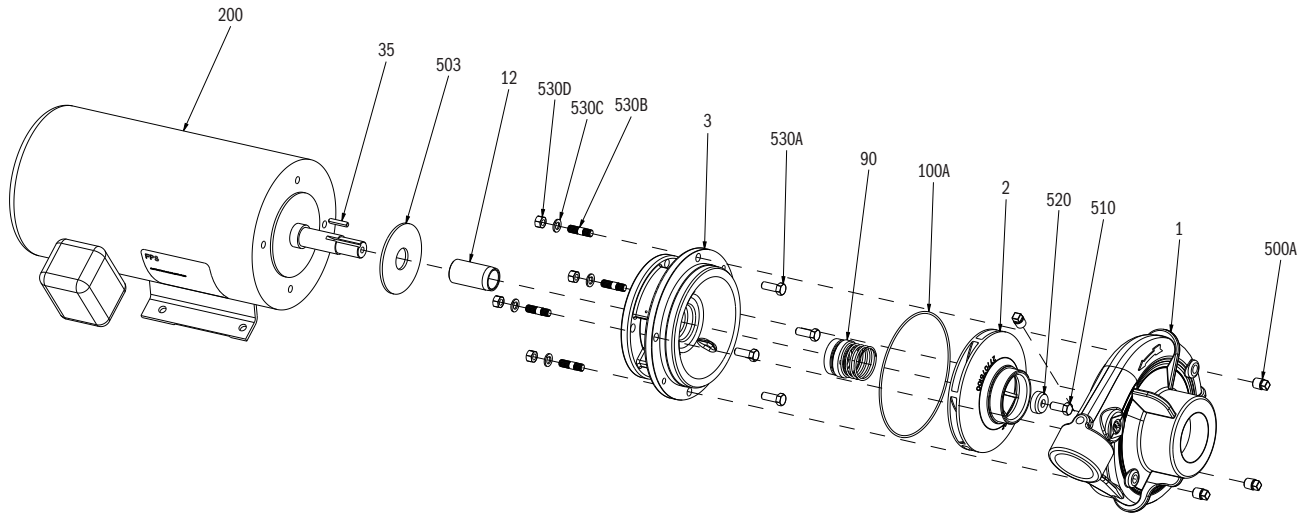
Motor Frame can be determined by the pump order number and or motor nameplate

# CENTRIFUGAL PUMPS

## CLOSE-COUPLED AG SERIES

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| Repair Parts |                                                                | AZx2.5-6 (3600 RPM)<br>AL2x2.5-6 (1800 RPM) |              | Mechanical Seal Construction               |  |
|--------------|----------------------------------------------------------------|---------------------------------------------|--------------|--------------------------------------------|--|
| Figure No.   | Part Description                                               | Repair No.                                  |              | Materials of Construction                  |  |
|              |                                                                | 4.5AK Models                                | 8.5AK Models |                                            |  |
| 1            | Volute Case (NPT) w/plugs                                      | 305564001                                   |              | Cast iron, ASTM-A48 CL30                   |  |
| Not Shown    | Volute Case (Flange) w/plugs                                   | 305564010                                   |              | Cast iron, ASTM-A48 CL30                   |  |
| 2            | Impeller, 3 hp 2-pole, 4.125" trim (.875 Bore)                 | 305564002                                   | N/A          | Cast iron, ASTM-A48 CL30                   |  |
| 2            | Impeller, 5 hp 2-pole, 4.875" trim (.875 Bore)                 | 305564003                                   | N/A          | Cast iron, ASTM-A48 CL30                   |  |
| 2            | Impeller, 7.5 hp 2-pole, 1 hp 4-pole, 5.500" trim (.875 Bore)  | 305564004                                   |              | Cast iron, ASTM-A48 CL30                   |  |
| 2            | Impeller, 10 hp 2-pole, 1.5 hp 4-pole, 6.000" trim (.875 Bore) | 305564007                                   |              | Cast iron, ASTM-A48 CL30                   |  |
| 2            | Impeller, 15 hp 2-pole, 2 hp 4-pole, 6.413" trim (.875 Bore)   | 305564013                                   |              | Cast iron, ASTM-A48 CL30                   |  |
| 3            | Motor Bracket                                                  | 305564005                                   | 305564008    | Cast iron, ASTM-A48 CL30                   |  |
| 12           | Sleeve, Mechanical Seal                                        | 305463227                                   |              | 416 stainless steel                        |  |
| 35           | Key, Impeller Shaft                                            | 305463001                                   |              | 301 stainless steel                        |  |
| 90           | Mechanical Shaft Seal                                          | 305463002                                   |              | Carbon/ceramic/nitrile/316 stainless steel |  |
| 100A         | O-Ring, Volute Case (2-pack)                                   | 305463004                                   |              | Nitrile                                    |  |
| 500A         | Pipe Plug (4-pack)                                             | 305463020                                   |              | Zinc-plated steel                          |  |
| 503          | Slinger                                                        | 305450007                                   |              | Neoprene                                   |  |
| 510          | Hex Cap Screw, Impeller                                        | 305463006                                   |              | 410 stainless steel                        |  |
| 520          | Washer, Impeller                                               | 305463228                                   |              | 300 series stainless steel                 |  |
| 530A         | Hex Cap Screw, Motor Bracket (12 Pack)                         | 305463010                                   | 305463026    | Zinc-plated steel                          |  |
| 530B         | Studs, Volute Case (4 Pack)                                    | 305463229                                   |              | Zinc-plated steel                          |  |
| 530C         | Lockwashers, Volute Case (6 Pack)                              | 305463135                                   |              | Zinc-plated steel                          |  |
| 530D         | Nut, Volute Case                                               | 305463033                                   |              | Zinc-plated steel                          |  |

## MOTOR FITMENT

| Figure No. | 3600       | 1800    | Frame     | AK  | Shaft Dia | Mtr Code |
|------------|------------|---------|-----------|-----|-----------|----------|
| 200        | 3 - 7.5HP  | 1 - 2HP | 143-184JM | 4.5 | 0.875     | JM-1     |
|            | 7.5 - 15HP | -       | 213-215JM | 8.5 | 0.875     | JM-2     |

Refer to motor specifications page for replacement information

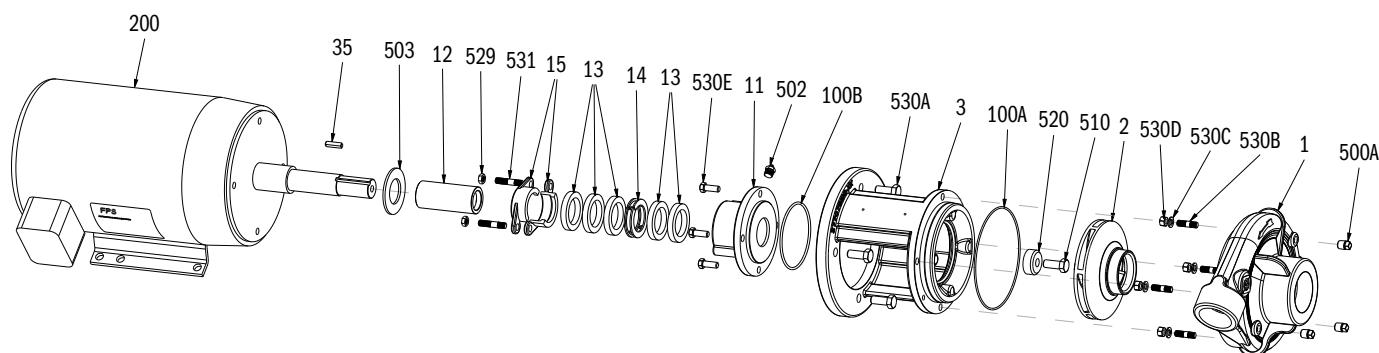
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# CENTRIFUGAL PUMPS

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| Repair Parts |                                              | A2x2.5-6 (3600 RPM) [Discontinued] |              | Packing Seal Construction                |  |
|--------------|----------------------------------------------|------------------------------------|--------------|------------------------------------------|--|
| Figure No.   | Part Description                             | Repair No.                         |              | Materials of Construction                |  |
|              |                                              | 4.5AK Models                       | 8.5AK Models |                                          |  |
| 1            | Volute Case (NPT) w/plugs                    | 305564001                          |              | Cast iron, ASTM-A48 CL30                 |  |
| Not Shown    | Volute Case (Flange) w/plugs                 | 305564010                          |              | Cast iron, ASTM-A48 CL30                 |  |
| 2            | Impeller, 3 hp 4.125" trim (.875 Bore)       | 305564002                          | N/A          | Cast iron, ASTM-A48 CL30                 |  |
| 2            | Impeller, 5 hp 4.750" trim (.875 Bore)       | 305564003                          | N/A          | Cast iron, ASTM-A48 CL30                 |  |
| 2            | Impeller 7.5 hp 1ph 5.500" trim (.875 Bore)  | 305564004                          | N/A          | Cast iron, ASTM-A48 CL30                 |  |
| 2            | Impeller 7.5 hp 3ph 5.500" trim (1.250 Bore) | N/A                                | 305564011    | Cast iron, ASTM-A48 CL30                 |  |
| 2            | Impeller 10 hp 6.000" trim (1.250 Bore)      | N/A                                | 305564014    | Cast iron, ASTM-A48 CL30                 |  |
| 2            | Impeller 15 hp 6.413" trim (1.250 Bore)      | N/A                                | 305564012    | Cast iron, ASTM-A48 CL30                 |  |
| 3            | Motor Bracket                                | 305564006                          | 305564009    | Cast iron, ASTM-A48 CL30                 |  |
| 11           | Packing Seal Box                             | 305447004                          | 305448005    | Cast iron, ASTM-A48 CL30                 |  |
| 12           | Sleeve, Shaft                                | 305448006                          | 305464010    | 416 stainless steel                      |  |
| 13           | Packing Ring Set                             | 305447006                          | 305448009    | Graphite/cotton                          |  |
| 14           | Lantern Ring                                 | N/A                                | 305448010    | Teflon                                   |  |
| 15           | Packing Gland (2-Piece)                      | 305447007                          | 305448011    | 316 stainless steel                      |  |
| 35           | Key, Impeller Shaft                          | 305463001                          | 305448012    | 301 stainless steel                      |  |
| 100A         | O-Ring, Volute Case (2-pack)                 | 305463004                          |              | Nitrile                                  |  |
| 100B         | O-Ring, Seal Box (2-pack)                    | 305463003                          | 305463013    | Nitrile                                  |  |
| 500A         | Pipe Plug (4-pack)                           | 305463020                          |              | Zinc-plated steel                        |  |
| 502          | Grease fitting                               | N/A                                | 305463015    | Zinc-plated steel                        |  |
| 503          | Slinger                                      | 305450007                          | 305447008    | Neoprene                                 |  |
| 510          | Hex Cap Screw, Impeller                      | 305463006                          | 305463024    | 410 stainless steel/17-4 stainless steel |  |
| 520          | Washer, Impeller                             | 305463228                          | 305463230    | 300 series stainless steel               |  |
| 529          | Nut, Packing Gland (4-pack)                  | 305463007                          |              | Zinc-plated steel                        |  |
| 530A         | Hex Cap Screw, Motor Bracket (12 Pack)       | 305463010                          | 305463016    | Zinc-plated steel                        |  |
| 530B         | Stud, Volute Case (4 Pack)                   | 305463229                          |              | Zinc-plated steel                        |  |
| 530C         | Lockwashers, Volute Case (6 Pack)            | 305463135                          |              | Zinc-plated steel                        |  |
| 530D         | Nut, Volute Case                             | 305463033                          |              | Zinc-plated steel                        |  |
| 530E         | Hex Cap Screw, Seal Box (12-pack)            | 305463010                          |              | Zinc-plated steel                        |  |
| 531          | Stud, Packing Gland (4-pack)                 | 305463008                          |              | Zinc-plated steel                        |  |

## MOTOR FITMENT

| Figure No. | 3600       | Frame     | AK  | Shaft Dia | Mtr Code |
|------------|------------|-----------|-----|-----------|----------|
| 200        | 3 - 7.5HP  | 145-184JP | 4.5 | 0.875     | JP-1     |
|            | 7.5 - 15HP | 213-215JP | 8.5 | 1.25      | JP-2     |

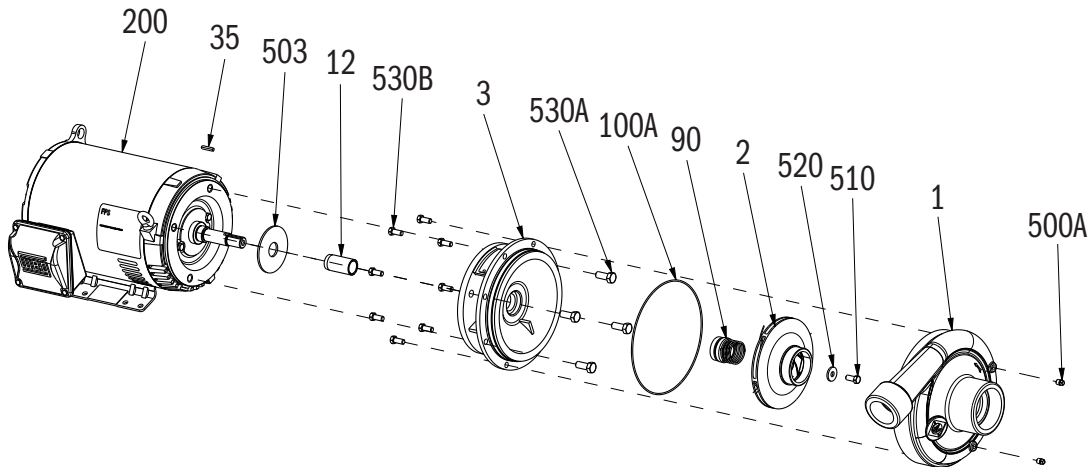
Refer to motor specifications page for replacement information

Motor Frame can be determined by the pump order number and or motor nameplate

# CENTRIFUGAL PUMPS

## CLOSE-COUPLED AG SERIES

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| Repair Parts |                                                                | Mechanical Seal Construction |              |                                            |
|--------------|----------------------------------------------------------------|------------------------------|--------------|--------------------------------------------|
|              |                                                                | Repair No.                   |              | Materials of Construction                  |
| Figure No.   | Part Description                                               | 4.5AK Models                 | 8.5AK Models |                                            |
| 1            | Volute Case, NPT w/plugs                                       | 305450002                    |              | Cast iron, ASTM-A48 CL30                   |
|              | Volute Case, Flange w/plugs                                    | 305450028                    |              | Cast iron, ASTM-A48 CL30                   |
| 2            | Impeller, 7.5 hp 2-pole, 1 hp 4-pole, 5.875" trim (.875 bore)  | 305450033                    |              | Cast iron, ASTM-A48 CL30                   |
| 2            | Impeller, 10 hp 2-pole, 1.5 hp 4-pole, 6.500" trim (.875 bore) | 305450034                    |              | Cast iron, ASTM-A48 CL30                   |
| 2            | Impeller, 15 hp 2-pole, 2 hp 4-pole, 7.250" trim (.875 bore)   | 305450029                    |              | Cast iron, ASTM-A48 CL30                   |
| 2            | Impeller, 3 hp 4-pole, 7.938" trim (.875 bore)                 | 305450039                    | N/A          | Cast iron, ASTM-A48 CL30                   |
| 2            | Impeller, 20 hp 2-pole, 7.938" trim (1.250 bore)               | N/A                          | 305450030    | Cast iron, ASTM-A48 CL30                   |
| 3            | Motor Bracket                                                  | 305449016                    | 305449017    | Cast iron, ASTM-A48 CL30                   |
| 3            | Motor Bracket 20 hp                                            | N/A                          | 305450025    | Cast iron, ASTM-A48 CL30                   |
| 12           | Shaft Sleeve                                                   | 305463240                    |              | 416 stainless steel                        |
| 12           | Shaft Sleeve 20 hp                                             | N/A                          | 305463241    | 416 stainless steel                        |
| 35           | Key, Impeller Shaft                                            | 305463001                    |              | 301 stainless steel                        |
| 35           | Key, Impeller Shaft 20 hp                                      | N/A                          | 305450006    | 316 stainless steel                        |
| 90           | Mechanical Shaft Seal                                          | 305463002                    |              | Carbon/ceramic/nitrile/316 stainless steel |
| 90           | Mechanical Shaft Seal 20 hp                                    | N/A                          | 305463204    | Carbon/ceramic/nitrile/316 stainless steel |
| 100A         | O-Ring, Volute Case (2-Pack)                                   | 305463018                    |              | Nitrile                                    |
| 500A         | Pipe Plug (4-pack)                                             | 305463009                    |              | Zinc-plated steel                          |
| 503          | Water Slinger                                                  | 305450007                    |              | Neoprene                                   |
| 503          | Water Slinger, 20 hp                                           | N/A                          | 305447008    | Neoprene                                   |
| 510          | Hex Cap Screw, Impeller                                        | 305463006                    |              | 410 stainless steel                        |
| 510          | Hex Cap Screw, Impeller 20 hp                                  | N/A                          | 305463185    | 17-4 stainless steel                       |
| 520          | Washer, Impeller                                               | 305447009                    |              | 300 series stainless steel                 |
| 520          | Washer, Impeller 20 hp                                         | N/A                          | 305450015    | 18-8 stainless steel                       |
| 530A         | Hex Cap Screw, Motor Bracket (12-Pack)                         | 305463010                    | 305463016    | Zinc-plated steel                          |
| 530A         | Hex Cap Screw, Motor Bracket 20hp (12-Pack)                    | N/A                          | 305463207    | Zinc-plated steel                          |
| 530B         | Hex Cap Screw, Volute Case (4-Pack)                            | 305463010                    | 305463064    | Zinc-plated steel                          |
| 530B         | Hex Cap Screw, Volute Case 20hp (4-Pack)                       | N/A                          | 305463030    | Zinc-plated steel                          |

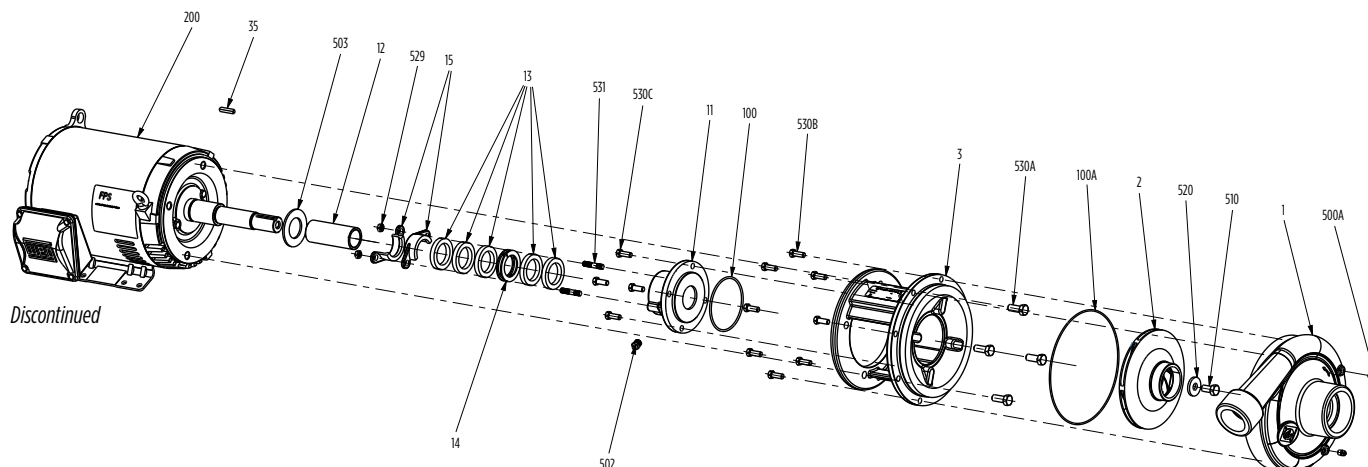
## MOTOR FITMENT

| Figure No. | 3600       | 1800    | Frame     | AK  | Shaft Dia | Mtr Code |
|------------|------------|---------|-----------|-----|-----------|----------|
| 200        | 7.5HP      | 1 - 3HP | 143-184JM | 4.5 | 0.875     | JM-1     |
|            | 7.5 - 15HP | -       | 213-215JM | 8.5 | 0.875     | JM-2     |
|            | 20HP       | -       | 254-256JM | 8.5 | 1.25      | JM-3     |

Refer to motor specifications page for replacement information

Motor Frame can be determined by the pump order number and or motor nameplate

## CLOSE-COUPLED AG SERIES



| Repair Parts |                                               | A2x3-8 (3600 RPM) [Discontinued] |              | Packing Seal Construction                |  |
|--------------|-----------------------------------------------|----------------------------------|--------------|------------------------------------------|--|
| Figure No.   | Part Description                              | Repair No.                       |              | Materials of Construction                |  |
|              |                                               | 4.5AK Models                     | 8.5AK Models |                                          |  |
| 1            | Volute Case, NPT w/plugs                      | 305450002                        |              | Cast iron, ASTM-A48 CL30                 |  |
| not shown    | Volute Case, Flange w/plugs                   | 305450028                        |              | Cast iron, ASTM-A48 CL30                 |  |
| 2            | Impeller, 7.5 hp 3ph 5.875" trim (.875 bore)  | 305450033                        | N/A          | Cast iron, ASTM-A48 CL30                 |  |
| 2            | Impeller, 7.5 hp 1ph 5.875" trim (1.250 bore) | N/A                              | 305450035    | Cast iron, ASTM-A48 CL30                 |  |
| 2            | Impeller, 10 hp 6.500" trim (1.250 bore)      | N/A                              | 305450036    | Cast iron, ASTM-A48 CL30                 |  |
| 2            | Impeller, 15 hp 7.250" trim (1.250 bore)      | N/A                              | 305450031    | Cast iron, ASTM-A48 CL30                 |  |
| 2            | Impeller, 20 hp 7.938" trim (1.250 bore)      | N/A                              | 305450032    | Cast iron, ASTM-A48 CL30                 |  |
| 3            | Motor Bracket                                 | 305449002                        | 305449003    | Cast iron, ASTM-A48 CL30                 |  |
| 11           | Packing Seal Box                              | 305447004                        | 305448005    | Cast iron, ASTM-A48 CL30                 |  |
| 12           | Shaft Sleeve                                  | 305448006                        | 305449005    | 416 stainless steel                      |  |
| 13           | Packing Ring Set                              | 305447006                        | 305448009    | Graphite/cotton                          |  |
| 14           | Lantern Ring                                  | N/A                              | 305448010    | Teflon                                   |  |
| 15           | Packing Gland (2-Piece)                       | 305447007                        | 305448011    | 316 stainless steel                      |  |
| 35           | Key, Impeller Shaft                           | 305463001                        | 305450006    | 316 stainless steel                      |  |
| 100          | O-Ring , Packing Seal Box                     | 305463003                        | 305463013    | Nitrile                                  |  |
| 100A         | O-Ring, Volute Case (2-pack)                  | 305463018                        |              | Nitrile                                  |  |
| 500A         | Pipe Plug (4-pack)                            | 305463009                        |              | Zinc-plated steel                        |  |
| 502          | Grease Fitting (2-pack)                       | N/A                              | 305463015    | Zinc-plated steel                        |  |
| 503          | Water Slinger                                 | 305450007                        | 305447008    | Neoprene                                 |  |
| 510          | Hex Cap Screw, Impeller                       | 305463006                        | 305463019    | 410 stainless steel/17-4 stainless steel |  |
| 520          | Washer, Impeller                              | 305447009                        | 305450015    | 18-8 stainless steel                     |  |
| 529          | Nut, Packing Gland (4-pack)                   | 305463007                        |              | Zinc-plated steel                        |  |
| 530A         | Hex Cap Screw, Motor Bracket                  | 305463010                        | 305463016    | Zinc-plated steel                        |  |
| 530B         | Hex Cap Screw, Volute Case (12-Pack)          | 305463010                        |              | Zinc-plated steel                        |  |
| 530C         | Hex Cap Screw, Seal Box (12-Pack)             | 305463010                        |              | Zinc-plated steel                        |  |
| 531          | Stud, Packing Gland (4-pack)                  | 305463008                        |              | Zinc-plated steel                        |  |

## MOTOR FITMENT

| Figure No. | 3600       | 1800    | Frame     | AK  | Shaft Dia | Mtr Code |
|------------|------------|---------|-----------|-----|-----------|----------|
| 200        | 7.5HP      | 1 - 3HP | 143-184JM | 4.5 | 0.875     | JM-1     |
|            | 7.5 - 15HP | -       | 213-215JM | 8.5 | 0.875     | JM-2     |
|            | 20HP       | -       | 254-256JM | 8.5 | 1.25      | JM-3     |

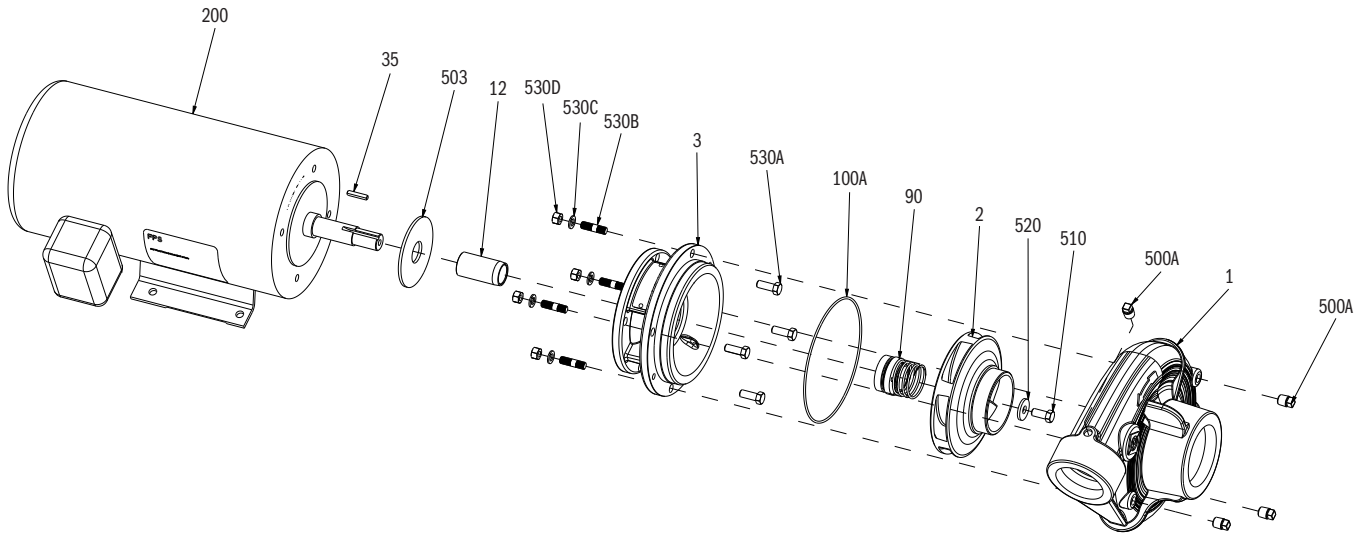
*Refer to motor specifications page for replacement information*  
*Motor Frame can be determined by the pump order number and or motor nameplate*

# CENTRIFUGAL PUMPS

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# FPS



| Repair Parts |                                                                | A2.5x3-6 (3600 RPM)<br>AL2.5x3-6 (1800 RPM) |              | Mechanical Seal Construction               |  |
|--------------|----------------------------------------------------------------|---------------------------------------------|--------------|--------------------------------------------|--|
| Figure No.   | Part Description                                               | Repair No.                                  |              | Materials of Construction                  |  |
|              |                                                                | 4.5AK Models                                | 8.5AK Models |                                            |  |
| 1            | Volute Case (NPT) w/plugs                                      | 305576001                                   |              | Cast iron, ASTM-A48 CL30                   |  |
| Not Shown    | Volute Case (Flange) w/plugs                                   | 305576002                                   |              | Cast iron, ASTM-A48 CL30                   |  |
| 2            | Impeller, 3 hp 2-pole, 3.688" trim (.875 Bore)                 | 305576003                                   | n/a          | CA6NM stainless steel                      |  |
| 2            | Impeller, 5 hp 2-pole, 4.250" trim (.875 Bore)                 | 305576004                                   | n/a          | CA6NM stainless steel                      |  |
| 2            | Impeller, 7.5 hp 2-pole, 1 hp 4-pole, 4.813" trim (.875 Bore)  | 305576005                                   |              | CA6NM stainless steel                      |  |
| 2            | Impeller, 10 hp 2-pole, 1.5 hp 4-pole, 5.375" trim (.875 Bore) | 305576006                                   |              | CA6NM stainless steel                      |  |
| 2            | Impeller, 15 hp 2-pole, 2 hp 4-pole, 6.438" trim (.875 Bore)   | 305576007                                   |              | CA6NM stainless steel                      |  |
| 3            | Motor Bracket                                                  | 305564005                                   | 305564008    | Cast iron, ASTM-A48 CL30                   |  |
| 12           | Sleeve, Mechanical Seal                                        | 305463227                                   |              | 416 stainless steel                        |  |
| 35           | Key, Impeller Shaft                                            | 305463001                                   |              | 301 stainless steel                        |  |
| 90           | Mechanical Shaft Seal                                          | 305463002                                   |              | Carbon/ceramic/nitrile/316 stainless steel |  |
| 100A         | O-Ring, Volute Case (2-pack)                                   | 305463004                                   |              | Nitrile                                    |  |
| 500A         | Pipe Plug (4-pack)                                             | 305463020                                   |              | Zinc-plated steel                          |  |
| 503          | Slinger                                                        | 305450007                                   |              | Neoprene                                   |  |
| 510          | Hex Cap Screw, Impeller                                        | 305463006                                   |              | 410 stainless steel                        |  |
| 520          | Washer, Impeller                                               | 305447009                                   |              | 300 series stainless steel                 |  |
| 530A         | Hex Cap Screw, Motor Bracket (12 Pack)                         | 305463010                                   | 305463026    | Zinc-plated steel                          |  |
| 530B         | Studs, Volute Case (4 Pack)                                    | 305463229                                   |              | Zinc-plated steel                          |  |
| 530C         | Lockwashers, Volute Case (6 Pack)                              | 305463135                                   |              | Zinc-plated steel                          |  |
| 530D         | Nut, Volute Case                                               | 305463033                                   |              | Zinc-plated steel                          |  |

## MOTOR FITMENT

| Figure No. | 3600       | 1800    | Frame     | AK  | Shaft Dia | Mtr Code |
|------------|------------|---------|-----------|-----|-----------|----------|
| 200        | 3 - 7.5HP  | 1 - 2HP | 143-184JM | 4.5 | 0.875     | JM-1     |
|            | 7.5 - 15HP | -       | 213-215JM | 8.5 | 0.875     | JM-2     |

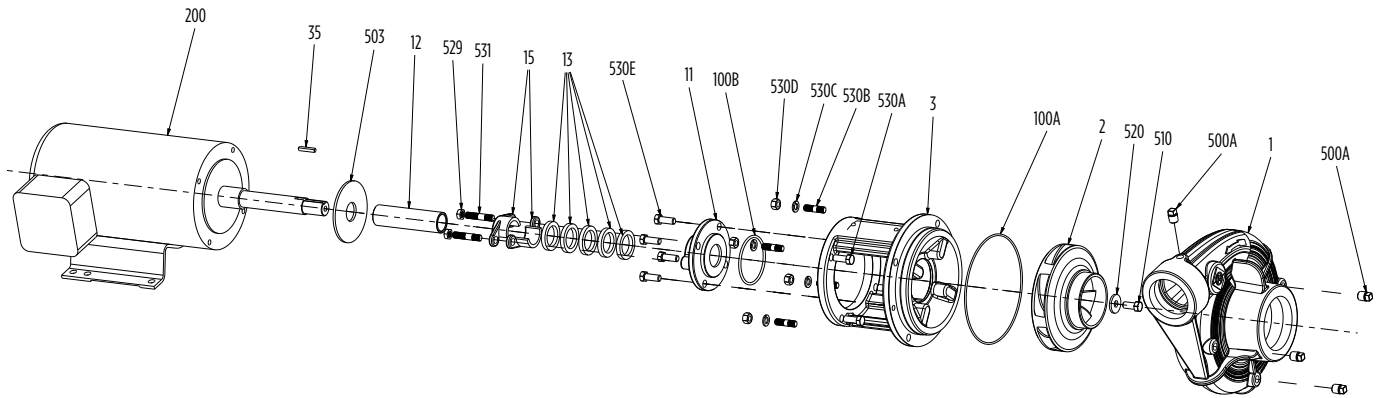
Refer to motor specifications page for replacement information

Motor Frame can be determined by the pump order number and or motor nameplate

# CENTRIFUGAL PUMPS

## CLOSE-COUPLED AG SERIES

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| Repair Parts |                                               | A2.5x3-6 (3600 RPM) [Discontinued] | Packing Seal Construction |                                          |
|--------------|-----------------------------------------------|------------------------------------|---------------------------|------------------------------------------|
| Figure No.   | Part Description                              | Repair No.                         |                           | Materials of Construction                |
|              |                                               | 4.5AK Models                       | 8.5AK Models              |                                          |
| 1            | Volute Case (NPT) w/plugs                     | 305576001                          |                           | Cast iron, ASTM-A48 CL30                 |
| Not Shown    | Volute Case (Flange) w/plugs                  | 305576002                          |                           | Cast iron, ASTM-A48 CL30                 |
| 2            | Impeller, 3 hp 3.688" trim (.875 Bore)        | 305576003                          | N/A                       | CA6NM stainless steel                    |
| 2            | Impeller, 5 hp 4.250" trim (.875 Bore)        | 305576004                          | N/A                       | CA6NM stainless steel                    |
| 2            | Impeller, 7.5 hp 1ph 4.812" trim (.875 Bore)  | 305576005                          | N/A                       | CA6NM stainless steel                    |
| 2            | Impeller, 7.5 hp 3ph 4.812" trim (1.250 Bore) | N/A                                | 305576009                 | CA6NM stainless steel                    |
| 2            | Impeller, 10 hp 6.000" trim (1.250 Bore)      | N/A                                | 305576010                 | CA6NM stainless steel                    |
| 2            | Impeller, 15 hp 6.438" trim (1.250 Bore)      | N/A                                | 305576011                 | CA6NM stainless steel                    |
| 3            | Motor Bracket                                 | 305564006                          | 305564009                 | Cast iron, ASTM-A48 CL30                 |
| 11           | Packing Seal Box                              | 305447004                          | 305448005                 | Cast iron, ASTM-A48 CL30                 |
| 12           | Sleeve, Shaft                                 | 305448006                          | 305450004                 | 416 stainless steel                      |
| 13           | Packing Ring Set                              | 305447006                          | 305448009                 | Graphite/cotton                          |
| 14           | Lantern Ring                                  | N/A                                | 305448010                 | Teflon                                   |
| 15           | Packing Gland (2-Piece)                       | 305447007                          | 305448011                 | 316 stainless steel                      |
| 35           | Key, Impeller Shaft                           | 305463001                          | 305448012                 | 301 stainless steel                      |
| 100A         | O-Ring, Volute Case (2-pack)                  | 305463004                          |                           | Nitrile                                  |
| 100B         | O-Ring, Seal Box (2-pack)                     | 305463003                          | 305463013                 | Nitrile                                  |
| 500A         | Pipe Plug (4-pack)                            | 305463020                          |                           | Zinc-plated steel                        |
| 502          | Grease fitting                                | N/A                                | 305463015                 | Zinc-plated steel                        |
| 503          | Slinger                                       | 305450007                          | 305447008                 | Neoprene                                 |
| 510          | Hex Cap Screw, Impeller                       | 305463006                          | 305463024                 | 410 stainless steel/17-4 stainless steel |
| 520          | Washer, Impeller                              | 305447009                          | 305463263                 | 300 series stainless steel               |
| 529          | Nut, Packing Gland (4-pack)                   | 305463007                          |                           | Zinc-plated steel                        |
| 530A         | Hex Cap Screw, Motor Bracket (12 Pack)        | 305463010                          | 305463016                 | Zinc-plated steel                        |
| 530B         | Stud, Volute Case (4 Pack)                    | 305463229                          |                           | Zinc-plated steel                        |
| 530C         | Lockwashers, Volute Case (6 Pack)             | 305463135                          |                           | Zinc-plated steel                        |
| 530D         | Nut, Volute Case                              | 305463033                          |                           | Zinc-plated steel                        |
| 530E         | Hex Cap Screw, Seal Box (12-pack)             | 305463010                          |                           | Zinc-plated steel                        |
| 531          | Stud, Packing Gland (4-pack)                  | 305463008                          |                           | Zinc-plated steel                        |

## MOTOR FITMENT

| Figure No. | 3600       | 1800    | Frame     | AK  | Shaft Dia | Mtr Code |
|------------|------------|---------|-----------|-----|-----------|----------|
| 200        | 7.5HP      | 1 - 3HP | 143-184JM | 4.5 | 0.875     | JM-1     |
|            | 7.5 - 15HP | -       | 213-215JM | 8.5 | 0.875     | JM-2     |
|            | 20HP       | -       | 254-256JM | 8.5 | 1.25      | JM-3     |

Refer to motor specifications page for replacement information

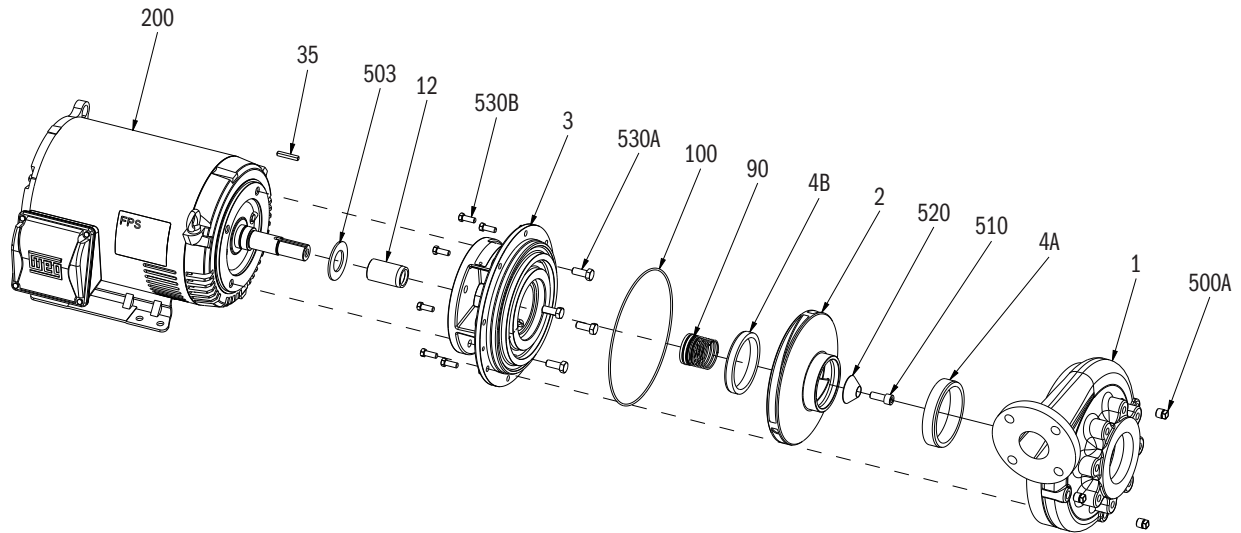
Motor Frame can be determined by the pump order number and or motor nameplate

# CENTRIFUGAL PUMPS

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| Repair Parts |                                                  | A2.4x4-10 (3600 RPM) |              | AL2.5x4-10 (1800 RPM) |               | Mechanical Seal Construction               |  |  |  |
|--------------|--------------------------------------------------|----------------------|--------------|-----------------------|---------------|--------------------------------------------|--|--|--|
| Figure No.   | Part Description                                 | Repair No.           |              |                       |               | Materials of Construction                  |  |  |  |
|              |                                                  | 4.5AK Models         | 8.5AK Models |                       | 12.5AK Models |                                            |  |  |  |
|              |                                                  |                      | 213-215JM    | 254-256 Frame         |               |                                            |  |  |  |
| 1            | Volute Case, Flange w/plugs                      | 305411908            |              |                       |               | Cast iron, ASTM-A48 CL30                   |  |  |  |
| not shown    | Volute Case, NPT w/plugs                         | 305411940            |              |                       |               | Cast iron, ASTM-A48 CL30                   |  |  |  |
| 2            | Impeller, 3 hp 4-pole, 8.000" trim (.875" bore)  | 305410985            | N/A          | N/A                   | N/A           | CA6NM stainless steel                      |  |  |  |
| 2            | Impeller, 5 hp 4-pole, 9.000" trim (.875" bore)  | 305410986            |              | N/A                   | N/A           | CA6NM stainless steel                      |  |  |  |
| 2            | Impeller, 20 hp 2-pole, 7.375" trim (1.250 bore) | N/A                  | N/A          | 305410941             | N/A           | CA6NM stainless steel                      |  |  |  |
| 2            | Impeller, 25 hp 2-pole, 8.000" trim (1.250 bore) | N/A                  | N/A          | 305410938             | N/A           | CA6NM stainless steel                      |  |  |  |
| 2            | Impeller, 30 hp 2-pole, 8.375" trim (1.250 bore) | N/A                  | N/A          | N/A                   | 305410942     | CA6NM stainless steel                      |  |  |  |
| 2            | Impeller, 40 hp 2-pole, 9.000" trim (1.250 bore) | N/A                  | N/A          | N/A                   | 305410939     | CA6NM stainless steel                      |  |  |  |
| 3            | Motor Bracket                                    | 305411954            | 305411941    | 305411942             | 305411943     | Cast iron, ASTM-A48 CL30                   |  |  |  |
| 4A           | Wear Ring, Volute                                | 305417905            |              |                       |               | SAE 660 Bronze                             |  |  |  |
| 4B           | Wear Ring, Bracket                               | 305417924            |              |                       |               | SAE 660 Bronze                             |  |  |  |
| 12           | Shaft Sleeve                                     | 305463248            |              | 305463249             |               | 416 stainless steel                        |  |  |  |
| 35           | Key, Impeller Shaft                              | 305463001            |              | 305463150             |               | 316 stainless steel                        |  |  |  |
| 90           | Mechanical Shaft Seal                            | 305463002            |              | 305463012             |               | Carbon/ceramic/nitrile/316 stainless steel |  |  |  |
| 100A         | O-Ring , Volute Case (2-Pack)                    | 305418925            |              |                       |               | Nitrile                                    |  |  |  |
| 500A         | Pipe Plug (4-pack)                               | 305463175            |              |                       |               | Zinc-plated steel                          |  |  |  |
| 503          | Water Slinger                                    | 305450007            |              | 305447008             |               | Neoprene                                   |  |  |  |
| 510          | Hex Cap Screw, Impeller                          | 305463250            |              | 305463024             |               | 410 stainless steel/17-4 stainless steel   |  |  |  |
| 520          | Washer , Impeller                                | 305447009            |              | 305463269             |               | 416 stainless steel                        |  |  |  |
| 530A         | Hex Cap Screw, Motor Bracket (12-Pack)           | 305463053            | 305463016    |                       | 305418918     | Zinc-plated steel                          |  |  |  |
| 530B         | Hex Cap Screw, Volute Case (4-Pack)              | 305463010            |              |                       |               | Zinc-plated steel                          |  |  |  |

## MOTOR FITMENT

| Figure No. | 3600      | 1800    | Frame     | AK   | Shaft Dia | Mtr Code |
|------------|-----------|---------|-----------|------|-----------|----------|
| 200        | -         | 3 - 5HP | 143-184JM | 4.5  | 0.875     | JM-1     |
|            | -         | 5HP     | 213-215JM | 8.5  | 0.875     | JM-2     |
|            | 20 - 25HP | -       | 254-256JM | 8.5  | 1.25      | JM-3     |
|            | 25 - 40HP | -       | 284-326JM | 12.5 | 1.25      | JM-4     |

Refer to motor specifications page for replacement information

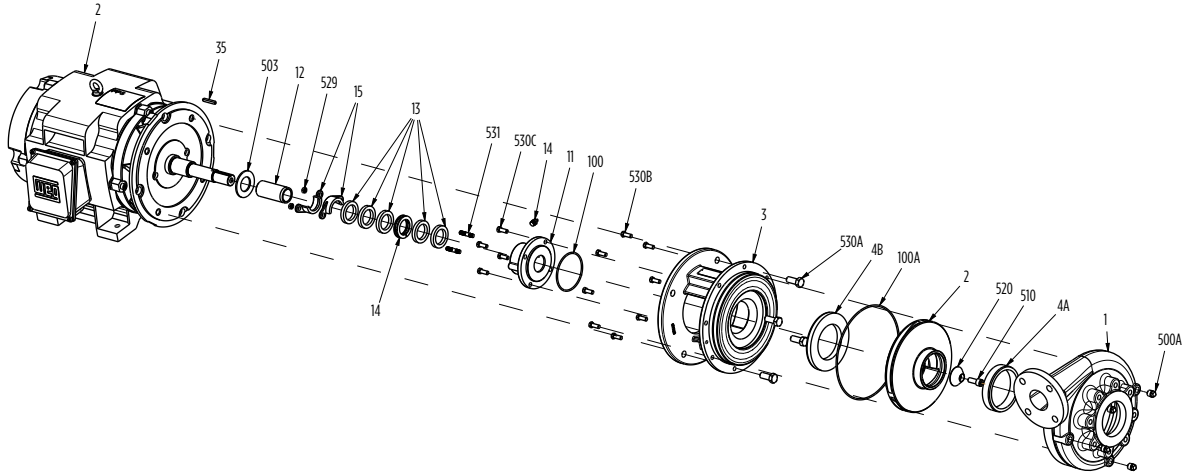
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# CENTRIFUGAL PUMPS

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| Repair Parts |                                         | A2.5x4-10 (3600 RPM) [Discontinued] |               |                            |
|--------------|-----------------------------------------|-------------------------------------|---------------|----------------------------|
| Figure No.   | Part Description                        | Repair No.                          |               | Materials of Construction  |
|              |                                         | 8.5AK Models                        | 12.5AK Models |                            |
| not shown    | Volute Case, Flange w/plugs             | 305411908                           |               | Cast iron, ASTM-A48 CL30   |
| 1            | Volute Case, NPT w/plugs                | 305411940                           |               | Cast iron, ASTM-A48 CL30   |
| 2            | Impeller, 15 hp 7.00" trim (1.250 bore) | 305410937                           | n/a           | CA6NM stainless steel      |
| 2            | Impeller, 20 hp 7.38" trim (1.250 bore) | 305410941                           | n/a           | CA6NM stainless steel      |
| 2            | Impeller, 25 hp 8.00" trim (1.250 bore) | 305410938                           |               | CA6NM stainless steel      |
| 2            | Impeller, 30 hp 8.38" trim (1.250 bore) | n/a                                 | 305410942     | CA6NM stainless steel      |
| 2            | Impeller, 40 hp 9.00" trim (1.250 bore) | n/a                                 | 305410939     | CA6NM stainless steel      |
| 3            | Motor Bracket                           | 305412902                           | 305412906     | Cast iron, ASTM-A48 CL30   |
| 4A           | Wear Ring                               | 305417905                           |               | SAE 660 Bronze             |
| 4B           | Wear Ring                               | 305417923                           |               | SAE 660 Bronze             |
| 11           | Packing Seal Box                        | 305448005                           |               | Cast iron, ASTM-A48 CL30   |
| 12           | Shaft Sleeve                            | 305448006                           |               | 416 stainless steel        |
| 13           | Packing Ring Set                        | 305448009                           |               | Graphite/cotton            |
| 14           | Lantern Ring                            | 305448010                           |               | Teflon                     |
| 15           | Packing Gland (2-Piece)                 | 305448011                           |               | 316 stainless steel        |
| 21           | Packing Gland Assembly                  | 305411936                           |               | Various                    |
| 35           | Key, Impeller Shaft                     | 305463150                           |               | 301 stainless steel        |
| 100          | O-Ring, Packing Seal Box                | 305463013                           |               | Nitrile                    |
| 100A         | O-Ring, Volute Case 2-pack              | 305418925                           |               | Nitrile                    |
| 500A         | Pipe Plug (4-pack)                      | 305463175                           |               | Zinc-plated steel          |
| 502          | Grease Fitting (2-pack)                 | 305463015                           |               | Zinc-plated steel          |
| 503          | Water Slinger                           | 305447008                           |               | Neoprene                   |
| 510          | Hex Cap Screw, Impeller                 | 305463024                           |               | 17-4 stainless steel       |
| 520          | Washer, Impeller                        | 305463269                           |               | 300 series stainless steel |
| 529          | Nut, Packing Gland (4-pack)             | 305463007                           |               | Zinc-plated steel          |
| 530A         | Hex Cap Screw, Motor Bracket            | 305463016                           | 305418918     | Zinc-plated steel          |
| 530B         | Hex Cap Screw, Volute Case (12-Pack)    | 305463010                           |               | Zinc-plated steel          |
| 530C         | Hex Cap Screw, Seal Box (12-Pack)       | 305463010                           |               | Zinc-plated steel          |
| 531          | Stud, Packing Gland (4-pack)            | 305463008                           |               | Zinc-plated steel          |

## MOTOR FITMENT

| Figure No. | 3600      | Frame     | AK   | Shaft Dia | Mtr Code |
|------------|-----------|-----------|------|-----------|----------|
| 200        | 20 - 25HP | 254-256JP | 8.5  | 1.25      | JP-2     |
|            | 25 - 40HP | 284-326JP | 12.5 | 1.25      | JP-3     |

Refer to motor specifications page for replacement information

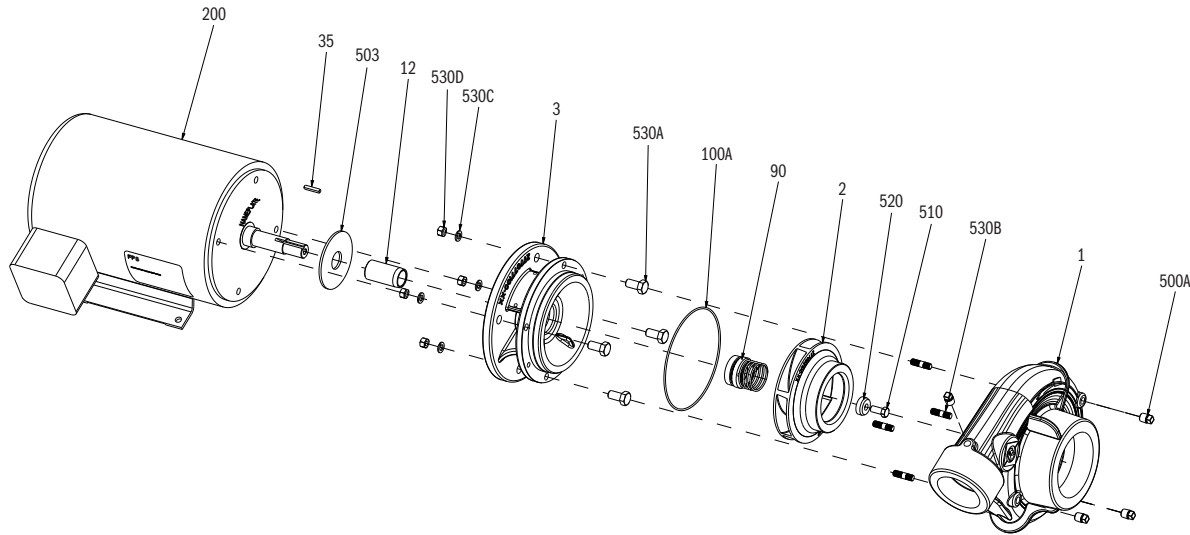
Motor Frame can be determined by the pump order number and or motor nameplate

# CENTRIFUGAL PUMPS

## CLOSE-COUPLED AG SERIES

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| Repair Parts |                                                                | A3x4-6 (3600 RPM)  |              | Mechanical Seal Construction               |  |
|--------------|----------------------------------------------------------------|--------------------|--------------|--------------------------------------------|--|
|              |                                                                | AL3x4-6 (1800 RPM) |              |                                            |  |
| Figure No.   | Part Description                                               | Repair No.         |              | Materials of Construction                  |  |
|              |                                                                | 4.5AK Models       | 8.5AK Models |                                            |  |
| 1            | Volute Case (NPT) w/plugs                                      | 305567001          |              | Cast iron, ASTM-A48 CL30                   |  |
| Not Shown    | Volute Case (Flange) w/plugs                                   | 305567002          |              | Cast iron, ASTM-A48 CL30                   |  |
| 2            | Impeller, 3 hp 4-pole, 6.438" trim (.875 bore)                 | 305567011          | N/A          | CA6NM stainless steel                      |  |
| 2            | Impeller, 5 hp 2-pole, 4.38" trim (.875 bore)                  | 305567013          | N/A          | CA6NM stainless steel                      |  |
| 2            | Impeller, 7.5 hp 2-pole 1 hp 4-pole, 5.063" trim (.875 bore)   | 305567003          |              | CA6NM stainless steel                      |  |
| 2            | Impeller, 10 hp 2-pole, 1.5 hp 4-pole, 5.312" trim (.875 bore) | 305567004          |              | CA6NM stainless steel                      |  |
| 2            | Impeller, 15 hp 2-pole, 2 hp 4-pole, 5.938" trim (.875 bore)   | 305567005          |              | CA6NM stainless steel                      |  |
| 2            | Impeller, 20 hp 2-pole 6.438" trim (1.250 bore)                | N/A                | 305567006    | CA6NM stainless steel                      |  |
| 3            | Motor Bracket                                                  | 305564005          | 305564008    | Cast iron, ASTM-A48 CL30                   |  |
| 3            | Motor Bracket, 20 hp                                           | N/A                | 305567007    | Cast iron, ASTM-A48 CL30                   |  |
|              | Sleeve, Mechanical Seal                                        | 305463227          |              | 416 stainless steel                        |  |
| 12           | Sleeve, Mechanical Seal, 20 hp                                 | N/A                | 305463233    | 416 stainless steel                        |  |
| 35           | Key, Impeller Shaft                                            | 305463001          |              | 301 stainless steel                        |  |
| 90           | Mechanical Shaft Seal                                          | 305463002          |              | Carbon/ceramic/nitrile/316 stainless steel |  |
| 90           | Mechanical Shaft Seal, 20 hp                                   | N/A                | 305463012    | Carbon/ceramic/nitrile/316 stainless steel |  |
| 100A         | O-Ring, Volute Case (2-pack)                                   | 305463004          |              | Nitrile                                    |  |
| 500A         | Pipe Plug (4-pack)                                             | 305463020          |              | Zinc-plated steel                          |  |
| 503          | Slinger                                                        | 305450007          |              | Neoprene                                   |  |
| 503          | Slinger, 20 hp                                                 | N/A                | 305463204    | Neoprene                                   |  |
| 510          | Hex Cap Screw, Impeller                                        | 305463006          |              | 410 stainless steel                        |  |
| 510          | Hex Cap Screw, Impeller, 20 hp                                 | N/A                | 305463024    | 17-4 stainless steel                       |  |
| 520          | Washer, Impeller                                               | 305463228          |              | 300 series stainless steel                 |  |
| 520          | Washer, impeller, 20 hp                                        | N/A                | 305463234    | 300 series stainless steel                 |  |
| 530A         | Hex Cap Screw, Motor Bracket (12 Pack)                         | 305463010          | 305463026    | Zinc-plated steel                          |  |
| 530B         | Studs, Volute Case (4 Pack)                                    | 305463229          |              | Zinc-plated steel                          |  |
| 530C         | Lockwashers, Volute Case (6 Pack)                              | 305463135          |              | Zinc-plated steel                          |  |
| 530D         | Nut, Volute Case                                               | 305463033          |              | Zinc-plated steel                          |  |

## MOTOR FITMENT

| Figure No. | 3600    | 1800  | Frame     | AK  | Shaft Dia | Mtr Code |
|------------|---------|-------|-----------|-----|-----------|----------|
| 200        | 5-7.5HP | 1-3HP | 143-184JM | 4.5 | 0.875     | JM-1     |
|            | 5-10 HP | -     | 213-215JM | 8.5 | 0.875     | JM-2     |
|            | 20HP    | -     | 254-256JM | 8.5 | 1.25      | JM-3     |

Refer to motor specifications page for replacement information

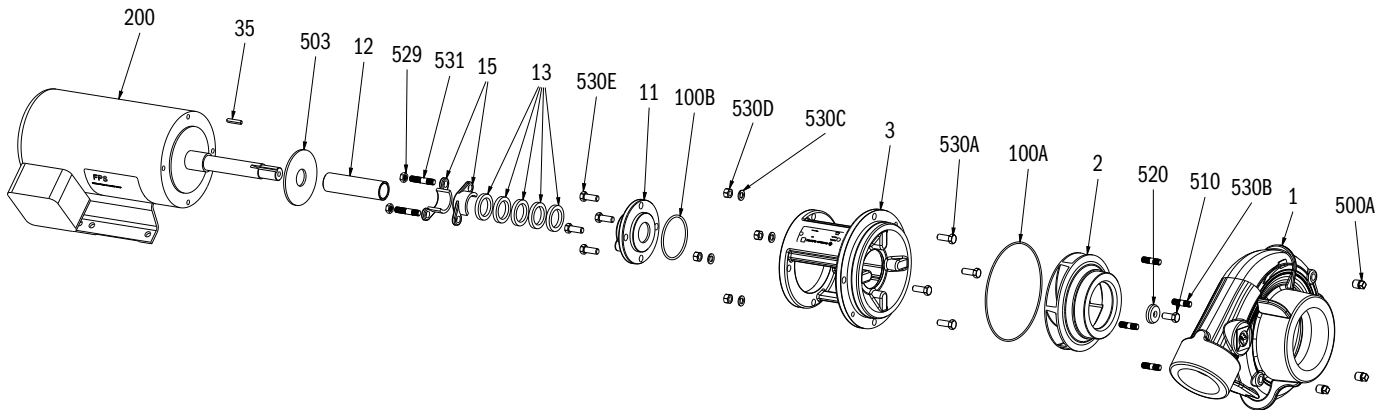
Motor Frame can be determined by the pump order number and or motor nameplate



# CENTRIFUGAL PUMPS

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| Repair Parts |                                               | A3x4-6 (3600 RPM) |              | Packing Seal Construction                |  |
|--------------|-----------------------------------------------|-------------------|--------------|------------------------------------------|--|
| Figure No.   | Part Description                              | Repair No.        |              | Materials of Construction                |  |
|              |                                               | 4.5AK Models      | 8.5AK Models |                                          |  |
| 1            | Volute Case (NPT) w/plugs                     | 305567001         |              | Cast iron, ASTM-A48 CL30                 |  |
| Not Shown    | Volute Case (Flange) w/plugs                  | 305567002         |              | Cast iron, ASTM-A48 CL30                 |  |
| 2            | Impeller, 7.5 hp 3ph 5.063" trim (.875 Bore)  | 305567003         | n/a          | CA6NM stainless steel                    |  |
| 2            | Impeller, 7.5 hp 1ph 5.063" trim (1.250 Bore) | n/a               | 305567008    | CA6NM stainless steel                    |  |
| 2            | Impeller, 10 hp 5.312" trim (1.250 Bore)      | n/a               | 305567009    | CA6NM stainless steel                    |  |
| 2            | Impeller, 15 hp 5.938" trim (1.250 Bore)      | n/a               | 305567010    | CA6NM stainless steel                    |  |
| 2            | Impeller, 20 hp 6.438" trim (1.250 Bore)      | n/a               | 305567006    | CA6NM stainless steel                    |  |
| 3            | Motor Bracket                                 | 305564006         | 305564009    | Cast iron, ASTM-A48 CL30                 |  |
| 11           | Packing Seal Box                              | 305447004         | 305448005    | Cast iron, ASTM-A48 CL30                 |  |
| 12           | Sleeve, Shaft                                 | 305448006         | 305464010    | 416 stainless steel                      |  |
| 13           | Packing Ring Set                              | 305447006         | 305448009    | Graphite/cotton                          |  |
| 14           | Lantern Ring                                  | n/a               | 305448010    | Teflon                                   |  |
| 15           | Packing Gland (2-Piece)                       | 305447007         | 305448011    | 316 stainless steel                      |  |
| 35           | Key, Impeller Shaft                           | 305463001         | 305450006    | 301 stainless steel                      |  |
| 100A         | O-Ring, Volute Case (2-pack)                  | 305463004         |              | Nitrile                                  |  |
| 100B         | O-Ring, Seal Box (2-pack)                     | 305463003         | 305463013    | Nitrile                                  |  |
| 500A         | Pipe Plug (4-pack)                            | 305463020         |              | Zinc-plated steel                        |  |
| 502          | Grease fitting                                | n/a               | 305463015    | Zinc-plated steel                        |  |
| 503          | Slinger                                       | 305450007         | 305447008    | Neoprene                                 |  |
| 510          | Hex Cap Screw, Impeller                       | 305463006         | 305463024    | 410 stainless steel/17-4 stainless steel |  |
| 520          | Washer, Impeller                              | 305463228         | 305463230    | 300 series stainless steel               |  |
| 529          | Nut, Packing Gland (4-pack)                   | 305463007         |              | Zinc-plated steel                        |  |
| 530A         | Hex Cap Screw, Motor Bracket (12 Pack)        | 305463010         | 305463016    | Zinc-plated steel                        |  |
| 530B         | Stud, Volute Case (4 Pack)                    | 305463229         |              | Zinc-plated steel                        |  |
| 530C         | Lockwashers, Volute Case (6 Pack)             | 305463135         |              | Zinc-plated steel                        |  |
| 530D         | Nut, Volute Case                              | 305463033         |              | Zinc-plated steel                        |  |
| 530E         | Hex Cap Screw, Seal Box (12-pack)             | 305463010         |              | Zinc-plated steel                        |  |
| 531          | Stud, Packing Gland (4-pack)                  | 305463008         |              | Zinc-plated steel                        |  |

## MOTOR FITMENT

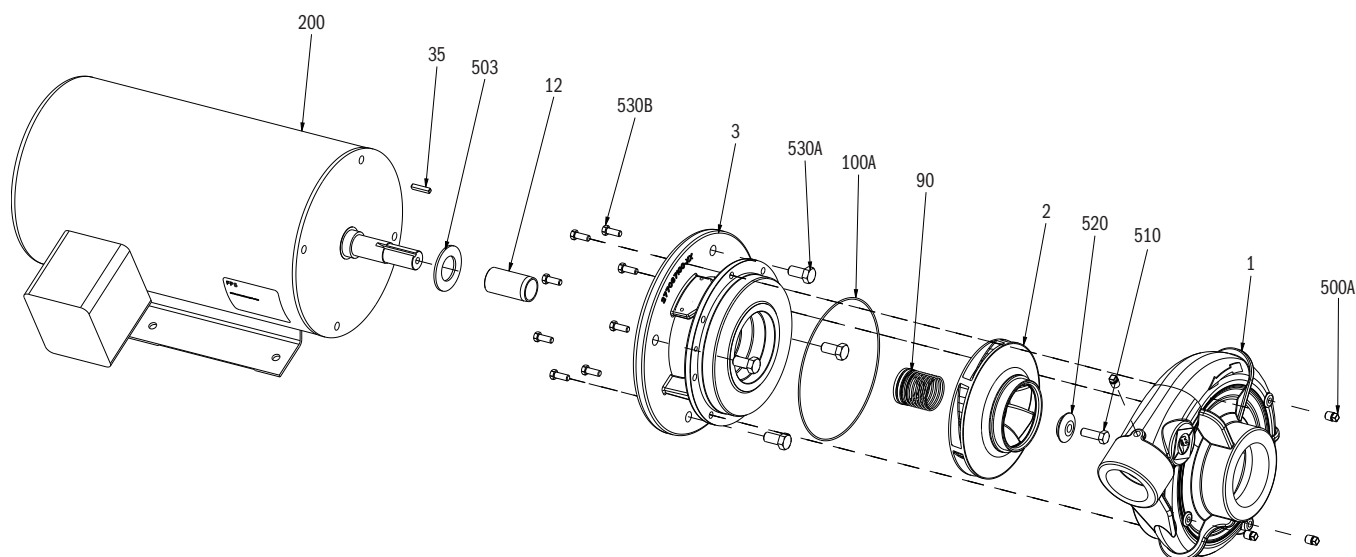
| Figure No. | 3600       | Frame     | AK  | Shaft Dia | Mtr Code |
|------------|------------|-----------|-----|-----------|----------|
| 200        | 7.5HP      | 145-184JP | 4.5 | 0.875     | JP-1     |
|            | 7.5 - 20HP | 213-256JP | 8.5 | 1.25      | JP-2     |

Refer to motor specifications page for replacement information  
Motor Frame can be determined by the pump order number and or motor nameplate

# CENTRIFUGAL PUMPS

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| Repair Parts |                                                   | Mechanical Seal Construction |           |                    |                                            |
|--------------|---------------------------------------------------|------------------------------|-----------|--------------------|--------------------------------------------|
|              |                                                   | A3X4-9 (3600 RPM)            |           | AL3X4-9 (1800 RPM) |                                            |
| Figure No.   | Part Description                                  | Repair No.                   |           |                    | Materials of Construction                  |
|              |                                                   | 4.5AK                        | 8.5AK     | 12.5AK             |                                            |
| 1            | Volute Case (NPT) w/plugs                         | 305565001                    |           |                    | Cast iron, ASTM-A48 CL30                   |
| Not Shown    | Volute Case (Flange) w/plugs                      | 305565002                    |           |                    | Cast iron, ASTM-A48 CL30                   |
| 2            | Impeller, 5 hp 4-pole, 6.875" trim (0.875 bore)   | 305565015                    | N/A       | N/A                | Cast iron, ASTM-A48 CL30                   |
| 2            | Impeller, 5 hp 4-pole, 7.312" trim (0.875 bore)   | 305565010                    | N/A       | N/A                | Cast iron, ASTM-A48 CL30                   |
| 2            | Impeller, 7.5 hp 4-pole, 7.875" trim (0.875 bore) | N/A                          | 305565016 | N/A                | Cast iron, ASTM-A48 CL30                   |
| 2            | Impeller, 7.5 hp 4-pole, 8.562" trim (0.875 bore) | N/A                          | 305565011 | N/A                | Cast iron, ASTM-A48 CL30                   |
| 2            | Impeller, 10 hp 4-pole, 9.00" trim (0.875 bore)   | N/A                          | 305565012 | N/A                | Cast iron, ASTM-A48 CL30                   |
| 2            | Impeller, 30 hp 2-pole, 6.875" trim (1.250 bore)  | N/A                          | N/A       | 305565003          | Cast iron, ASTM-A48 CL30                   |
| 2            | Impeller, 40 hp 2-pole, 7.312" trim (1.250 bore)  | N/A                          | N/A       | 305565004          | Cast iron, ASTM-A48 CL30                   |
| 2            | Impeller, 50 hp 2-pole, 7.875" trim (1.250 bore)  | N/A                          | N/A       | 305565005          | Cast iron, ASTM-A48 CL30                   |
| 2            | Impeller, 60 hp 2-pole, 8.562" trim (1.250 bore)  | N/A                          | N/A       | 305565006          | Cast iron, ASTM-A48 CL30                   |
| 2            | Impeller, 75 hp 2-pole, 9.000" trim (1.250 bore)  | N/A                          | N/A       | 305565009          | Cast iron, ASTM-A48 CL30                   |
| 3            | Bracket, Motor                                    | 305565013                    | 305565014 | 305565007          | Cast iron, ASTM-A48 CL30                   |
| 12           | Sleeve, Mechanical Seal                           | 305463227                    |           | 305463231          | 416 stainless steel                        |
| 35           | Key, Impeller Shaft                               | 305453028                    |           | 305450006          | 301 stainless steel                        |
| 90           | Mechanical Shaft Seal                             | 305463002                    |           | 305463017          | Carbon/ceramic/nitrile/316 stainless steel |
| 100A         | O-Ring, Volute Case (2-pack)                      | 305463232                    |           |                    | Nitrile                                    |
| 500A         | Pipe Plug (4-pack)                                | 305463020                    |           |                    | Zinc-plated steel                          |
| 503          | Slinger                                           | 305450007                    |           | 305447008          | Neoprene                                   |
| 510          | Hex Cap Screw, Impeller                           | 305463006                    |           | 305463185          | 410 stainless steel/17-4 stainless steel   |
| 520          | Washer, Impeller                                  | 305447009                    |           | 305463255          | 300 series stainless steel                 |
| 530A         | Hex Cap Screw, Motor Bracket (12 Pack)            | 305463010                    | 305463016 | 305463208          | Zinc-plated steel                          |
| 530B         | Hex Cap Screw, Volute Case (12 Pack)              | 305463010                    |           |                    | Zinc-plated steel                          |

## MOTOR FITMENT

| Figure No. | 3600      | 1800      | Frame     | AK   | Shaft Dia | Mtr Code |
|------------|-----------|-----------|-----------|------|-----------|----------|
| 200        | -         | 5HP       | 143-184JM | 4.5  | 0.875     | JM-1     |
|            | -         | 5 - 7.5HP | 213-215JM | 8.5  | 0.875     | JM-2     |
|            | 30 - 75HP | -         | 284-365JM | 12.5 | 1.25      | JM-4     |

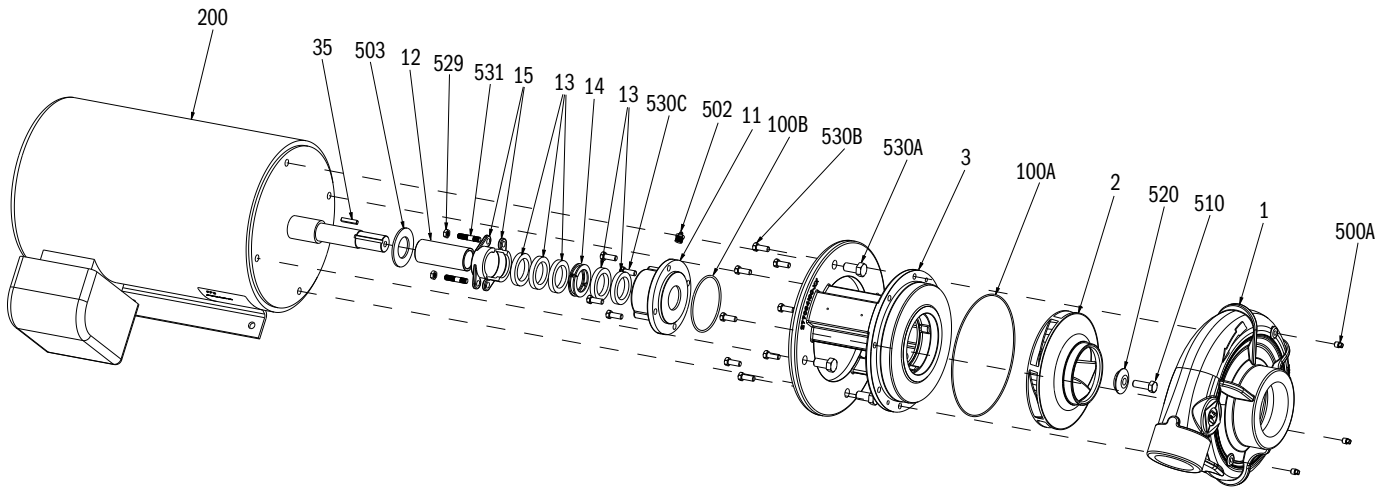
Refer to motor specifications page for replacement information

Motor Frame can be determined by the pump order number and or motor nameplate

# CENTRIFUGAL PUMPS

## CLOSE-COUPLED AG SERIES

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| Repair Parts |                                        | A3X4-9 (3600 RPM) | Packing Seal Construction  |  |
|--------------|----------------------------------------|-------------------|----------------------------|--|
| Figure No.   | Part Description                       | Repair No.        | Materials of Construction  |  |
| 1            | Volute Case (NPT) w/plugs              | 305565001         | Cast iron, ASTM-A48 CL30   |  |
| Not Shown    | Volute Case (Flange) w/plugs           | 305565002         | Cast iron, ASTM-A48 CL30   |  |
| 2            | Impeller, 30 hp 2-pole, 6.875" trim    | 305565003         | Cast iron, ASTM-A48 CL30   |  |
| 2            | Impeller, 40 hp 2-pole, 7.312" trim    | 305565004         | Cast iron, ASTM-A48 CL30   |  |
| 2            | Impeller, 50 hp 2-pole, 7.875" trim    | 305565005         | Cast iron, ASTM-A48 CL30   |  |
| 2            | Impeller, 60 hp 2-pole, 8.562" trim    | 305565006         | Cast iron, ASTM-A48 CL30   |  |
| 2            | Impeller, 75 hp 2-pole, 9.000" trim    | 305565009         | Cast iron, ASTM-A48 CL30   |  |
| 3            | Bracket, Motor                         | 305565008         | Cast iron, ASTM-A48 CL30   |  |
| 11           | Packing Seal Box                       | 305448005         | Cast iron, ASTM-A48 CL30   |  |
| 12           | Sleeve, Shaft                          | 305449005         | 416 stainless steel        |  |
| 13           | Packing Ring Set                       | 305448009         | Graphite/cotton            |  |
| 14           | Lantern Ring                           | 305448010         | Teflon                     |  |
| 15           | Packing Gland (2-Piece)                | 305448011         | 316 stainless steel        |  |
| 35           | Key, Impeller Shaft                    | 305450006         | 301 stainless steel        |  |
| 100A         | O-Ring, Volute Case (2-pack)           | 305463232         | Nitrile                    |  |
| 100B         | O-Ring, Seal Box (2-pack)              | 305463013         | Nitrile                    |  |
| 500A         | Pipe Plug (4-pack)                     | 305463020         | Zinc-plated steel          |  |
| 502          | Grease fitting                         | 305463015         | Zinc-plated steel          |  |
| 503          | Slinger                                | 305447008         | Neoprene                   |  |
| 510          | Hex Cap Screw, Impeller                | 305463185         | 17-4 stainless steel       |  |
| 520          | Washer, Impeller                       | 305463255         | 300 series stainless steel |  |
| 529          | Nut, Packing Gland (4-pack)            | 305463007         | Zinc-plated steel          |  |
| 530A         | Hex Cap Screw, Motor Bracket (12 Pack) | 305463208         | Zinc-plated steel          |  |
| 530B         | Hex Cap Screw, Volute Case (12 Pack)   | 305463010         | Zinc-plated steel          |  |
| 530C         | Hex Cap Screw, Seal Box (12 pack)      | 305463010         | Zinc-plated steel          |  |
| 531          | Stud, Packing Gland (4-pack)           | 305463008         | Zinc-plated steel          |  |

## MOTOR FITMENT

A3 X 4 - 9

| Figure No. | 3600      | Frame          | AK   | Shaft Dia | Mtr Code |
|------------|-----------|----------------|------|-----------|----------|
| 200        | 30 - 60HP | 284-326JP      | 12.5 | 1.25      | JP-3     |
|            | 60 - 75HP | 364-365JPZ/TCZ | 12.5 | 1.25      | JPZ-2P   |

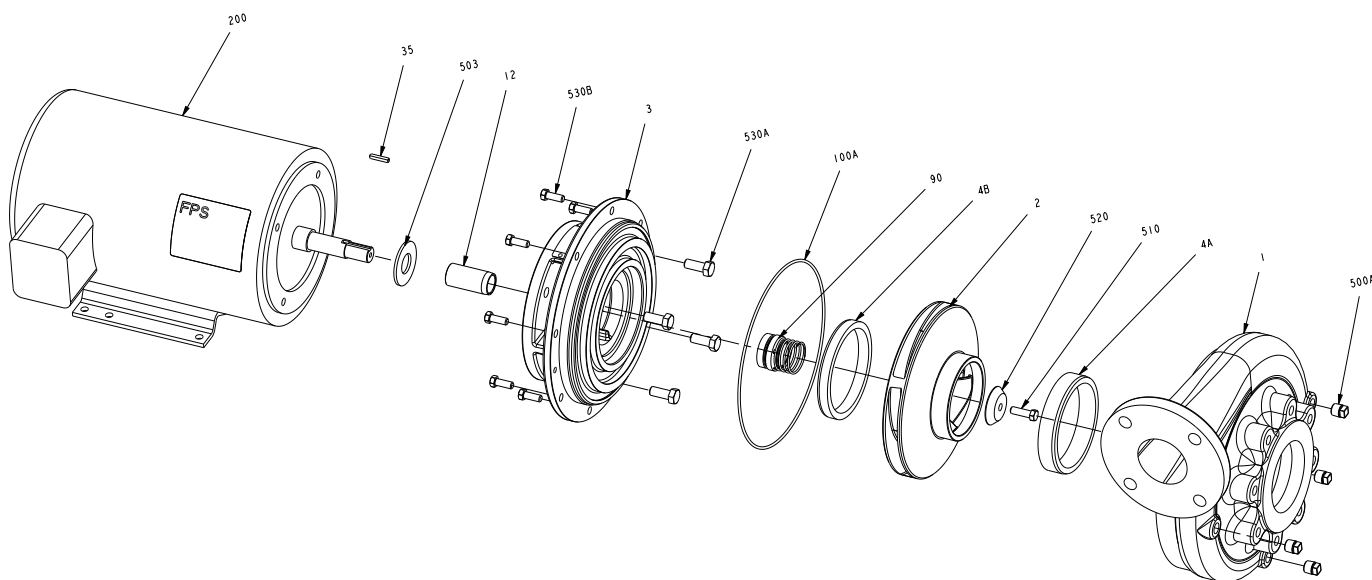
Refer to motor specifications page for replacement information

Motor Frame can be determined by the pump order number and or motor nameplate

# CENTRIFUGAL PUMPS

## CLOSE-COUPLED AG SERIES

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| Repair Parts |                                                   | AL3 x4 -10   | Mechanical Seal Construction |                               |                                            |
|--------------|---------------------------------------------------|--------------|------------------------------|-------------------------------|--------------------------------------------|
| Figure No.   | Part Description                                  | Repair No.   |                              |                               | Materials of Construction                  |
|              |                                                   | 4.5AK Models | 8.5AK Models                 | 8.5AK Models<br>254/256 Frame |                                            |
| 1            | Volute Case, Flange w/plugs                       | 305411909    |                              |                               | Cast iron, ASTM-A48 CL30                   |
| 2            | Impeller, 5 hp 4-pole, 8.000" trim (.875" bore)   | 305410987    |                              | N/A                           | CA6NM stainless steel                      |
| 2            | Impeller, 7.5 hp 4-pole, 9.250" trim (.875" bore) | N/A          | 305410988                    | N/A                           | CA6NM stainless steel                      |
| 2            | Impeller, 10 hp 4-pole, 9.750" trim (.875" bore)  | N/A          | N/A                          | 305410989                     | CA6NM stainless steel                      |
| 2            | Impeller, 15 hp 4-pole, 10.250" trim (1.250 bore) | N/A          | N/A                          | 305410947                     | CA6NM stainless steel                      |
| 3            | Motor Bracket                                     | 305411955    | 305411956                    | 305411957                     | Cast iron, ASTM-A48 CL30                   |
| 4A           | Wear Ring Suction                                 | 305417906    |                              |                               | SAE 660 Bronze                             |
| 4B           | Wear Ring, Hub                                    | 305417925    |                              |                               | SAE 660 Bronze                             |
| 12           | Shaft Sleeve                                      | 305463248    |                              | 305463249                     | 416 stainless steel                        |
| 35           | Key, Impeller Shaft                               | 305463001    |                              | 305463150                     | 316 stainless steel                        |
| 90           | Mechanical Shaft Seal                             | 305463002    |                              | 305463012                     | Carbon/ceramic/nitrile/316 stainless steel |
| 100A         | O-Ring , Volute Case (2-Pack)                     | 305418925    |                              |                               | Nitrile                                    |
| 500A         | Pipe Plug (4-pack)                                | 305463175    |                              |                               | Zinc-plated steel                          |
| 503          | Water Slinger                                     | 305450007    |                              | 305447008                     | Neoprene                                   |
| 510          | Hex Cap Screw, Impeller                           | 305463274    |                              | 305463024                     | 410 stainless steel                        |
| 520          | Washer , Impeller                                 | 305419908    |                              | 305463269                     | 416 stainless steel                        |
| 530A         | Hex Cap Screw, Motor Bracket (8-Pack) (12-Pack)   | 305463053    | 305463016                    |                               | Zinc-plated steel                          |
| 530B         | Hex Cap Screw, Volute Case (12-Pack)              | 305463010    |                              |                               | Zinc-plated steel                          |

### MOTOR FITMENT

AL3 X 4 - 10

| Figure No. | 1800     | Frame     | AK  | Shaft Dia | Mtr Code |
|------------|----------|-----------|-----|-----------|----------|
| 200        | 5HP      | 184JM     | 4.5 | 0.875     | JM-1     |
|            | 5 - 10HP | 213 215JM | 8.5 | 0.875     | JM-2     |
|            | 15HP     | 254JM     | 8.5 | 1.25      | JM-3     |

Refer to motor specifications page for replacement information

Motor Frame can be determined by the pump order number and or motor nameplate

# CENTRIFUGAL PUMPS

## CLOSE-COUPLED AG SERIES

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### ALTERNATE REPLACEMENT MECHANICAL SEALS

| Shaft Sleeve O.D. | Stationary Socket Diameter | Stationary Socket Depth | Seal Working Height | HP Range  | Motor Frame Sizes | AG Series Where Used                          | Materials of Construction |                             | Replacement Part |
|-------------------|----------------------------|-------------------------|---------------------|-----------|-------------------|-----------------------------------------------|---------------------------|-----------------------------|------------------|
| 1-1/4"            | 1-7/8"                     | 7/16"                   | 1-5/8"              | 3 - 15HP  | 143-215JM         | A1157, A1526, A2310, A2256, A238, A2536, A346 | Standard                  | Carbonx CeramicxEPDMx18-8SS | 305463002        |
|                   |                            |                         |                     |           |                   |                                               | Alt. 1                    | SiCxCxEPDMx18-8SS           | 305613903        |
|                   |                            |                         |                     |           |                   |                                               | Alt. 2                    | SiCxCxFKMx18-8SS            | 305613904        |
| 1-5/8"            | 2-3/8"                     | 1/2"                    | 1-5/8"              | 20 - 50HP | 254-326JM         | A2310, A25410, A346                           | Standard                  | Carbonx CeramicxEPDMx18-8SS | 305463012        |
|                   |                            |                         |                     |           |                   |                                               | Alt. 1                    | SiCxCxEPDMx18-8SS           | 305613907        |
|                   |                            |                         |                     |           |                   |                                               | Alt. 2                    | SiCxCxFKMx18-8SS            | 305613908        |
| 1-5/8"            | 2-3/8"                     | 1/2"                    | 2"                  | 30 - 75HP | 254-365JM         | A349                                          | Standard                  | Carbonx CeramicxEPDMx18-8SS | 305463017        |
|                   |                            |                         |                     |           |                   |                                               | Alt. 1                    | SiCxCxEPDMx18-8SS           | 305613909        |
|                   |                            |                         |                     |           |                   |                                               | Alt. 2                    | SiCxCxFKMx18-8SS            | 305613910        |
| 1-3/4"            | 2-1/2"                     | 1/2"                    | 2"                  | 20HP      | 254-256JM         | A238                                          | Standard                  | Carbonx CeramicxEPDMx18-8SS | 305463204        |
|                   |                            |                         |                     |           |                   |                                               | Alt. 1                    | SiCxCxEPDMx18-8SS           | 305613906        |
|                   |                            |                         |                     |           |                   |                                               | Alt. 2                    | SiCxCxFKMx18-8SS            | 305613905        |

# NOTES

CLOSE-COUPLED AG SERIES



# NOTES

CLOSE-COUPLED AG SERIES



