



A WILO BRAND

# MOTORPUMP™ — 1750 RPM

## 304SS, 60 Hz, 2 X 1.25 X 7.88 FLG

**322 JM**

\*Pump to be installed only in the horizontal position as shown.

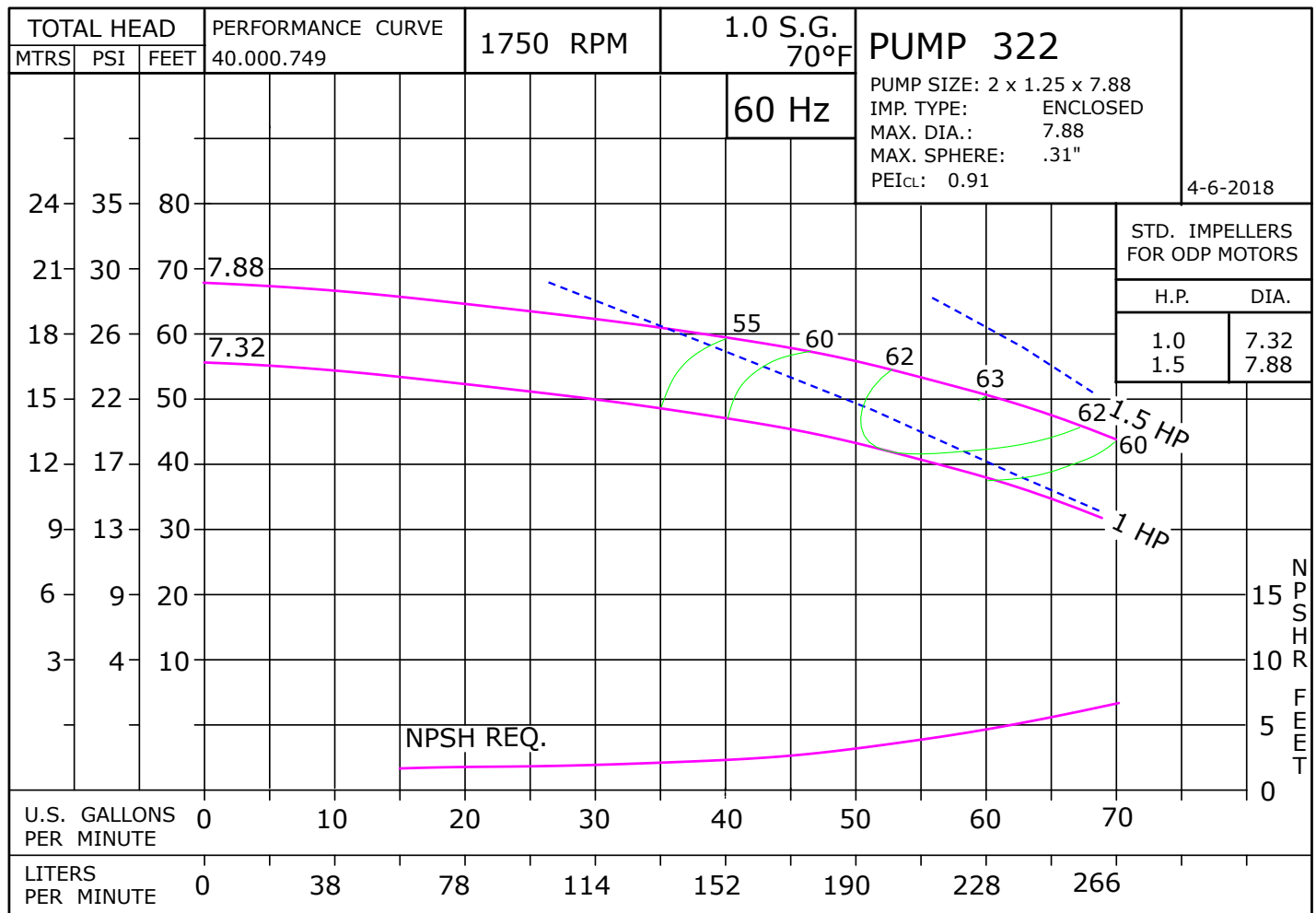
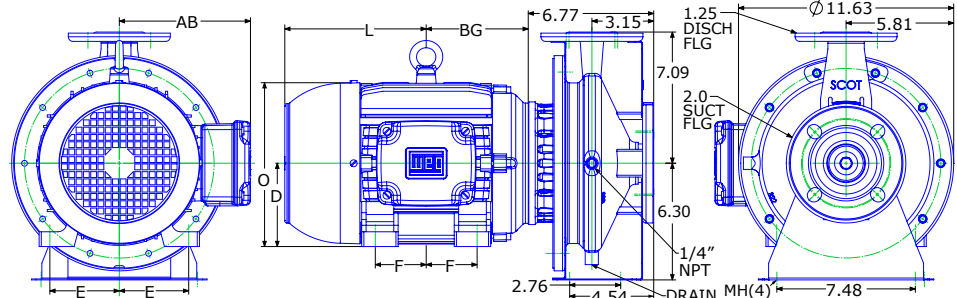


Drinking Water  
System Component  
NSF/ANSI 61  
ALSO CLFD IN  
ACCORDANCE WITH  
NSF/ANSI 372

**MOTOR DIMENSIONS****NEMA JM FRAME 3 PHASE 1750 RPM**

| HP  | Type | Frame | D    | E    | F    | O    | AB   | BG   | L    | MH   |
|-----|------|-------|------|------|------|------|------|------|------|------|
| 1   | ODP  | JM143 | 3.50 | 2.75 | 2.00 | 6.72 | 5.87 | 4.75 | 4.70 | 0.34 |
| 1.5 | ODP  | JM143 | 3.50 | 2.75 | 2.50 | 6.72 | 5.87 | 5.25 | 5.36 | 0.34 |
| 1   | TEFC | JM143 | 3.50 | 2.75 | 2.00 | 7.00 | 6.25 | 4.57 | 5.84 | 0.34 |
| 1.5 | TEFC | JM145 | 3.50 | 2.75 | 2.50 | 7.00 | 6.25 | 5.06 | 6.34 | 0.34 |

DRAWING DEPICTS JM184 5HP TEFC MOTOR  
ALL DIMENSIONS IN INCHES





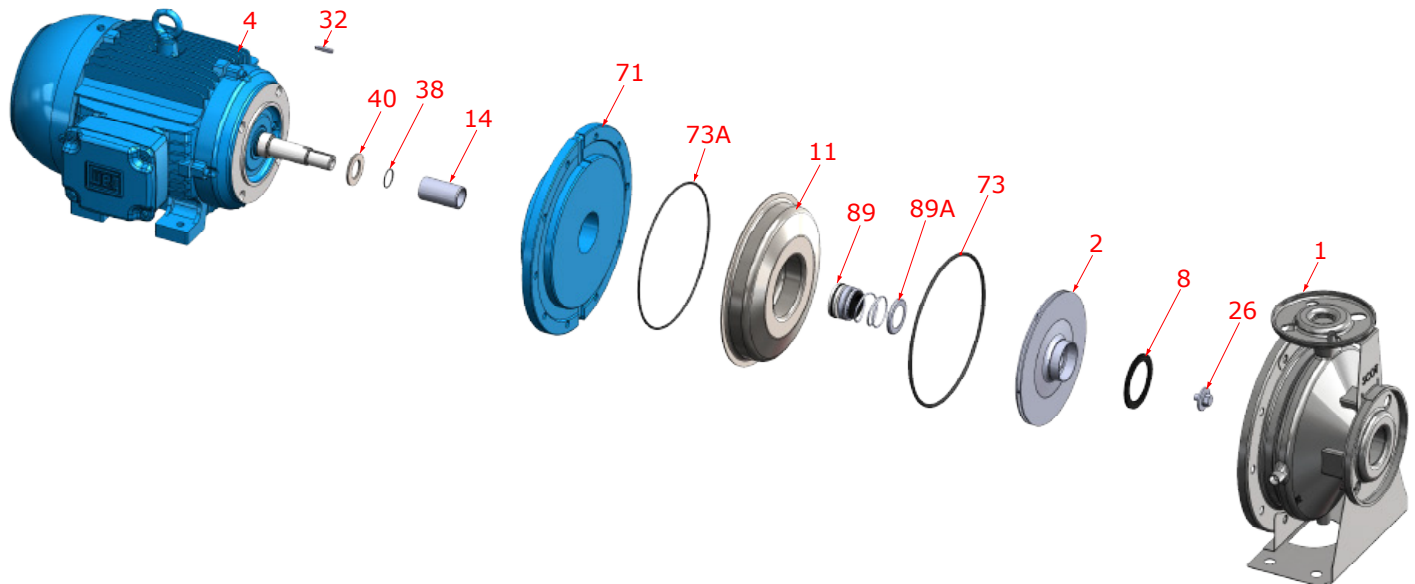
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### Parts



| Key No. | Part Name                                        | Part Number   |
|---------|--------------------------------------------------|---------------|
| 1       | Case 322, Stainless, 2.00 X 1.25 FLG             | 137.002.957.1 |
| 2       | Impeller 322, Stainless, 7.32 Dia., 7/8" Key     | 137.002.916   |
|         | Impeller 322, Stainless, 7.87 Dia., 7/8" Key     | 137.002.917   |
| 4       | Motor chart, JM140/180 1750 RPM                  | See Chart     |
| 8       | Ring Impeller PPO-20                             | 137.002.906   |
| 11      | Cover, Stainless                                 | 137.002.919   |
| 14*     | Sleeve, Stainless                                | 137.002.904   |
| 26*     | Impeller retaining assembly, Stainless           | 118.000.111A  |
| 32*     | Key, Stainless                                   | 102.000.102   |
| 38*     | O-ring, Shaft, Buna                              | 116.000.117   |
| 40*     | Flinger, Stainless                               | 104.000.165   |
| 71      | Adapter, Iron, JM180 1-1/4" Seal                 | 137.002.918   |
| 73*     | O-Ring, Shaft, Buna                              | 137.002.922   |
| 73A*    | O-ring, Cover, Buna                              | 137.003.013   |
| 89*     | Seal, 1-1/4" Type 21, BN-CARB/CM                 | 137.002.949   |
|         | Seal, 1-1/4" Type 21, EPDM-CARB/SIL              | 137.002.951   |
|         | Seal, 1-1/4" Type 21, VN-CARB/CM                 | 137.002.950   |
|         | Seal, 1-1/4" Type 21, VN-CARB/SIL                | 137.002.952   |
|         | Seal, 1-1/4" Type 21, VN-SIL/SIL                 | 137.002.953   |
| 89A*    | Seal spring retainer, Stainless                  | 137.002.948   |
| KIT     | Repair Kit, 1-1/4" BN-CARB/CM Seal, BN O-ring    | 118.000.675   |
|         | Repair Kit, 1-1/4" EPDM-CARB/SIL Seal, BN O-ring | 118.000.675C  |
|         | Repair Kit, 1-1/4" VN-CARB/CM Seal, BN O-ring    | 118.000.675A  |
|         | Repair Kit, 1-1/4" VN-CARB/SIL Seal, BN O-ring   | 118.000.675D  |
|         | Repair Kit, 1-1/4" VN-SIL/SIL Seal, BN O-ring    | 118.000.675B  |

\* Denotes components included in repair kit

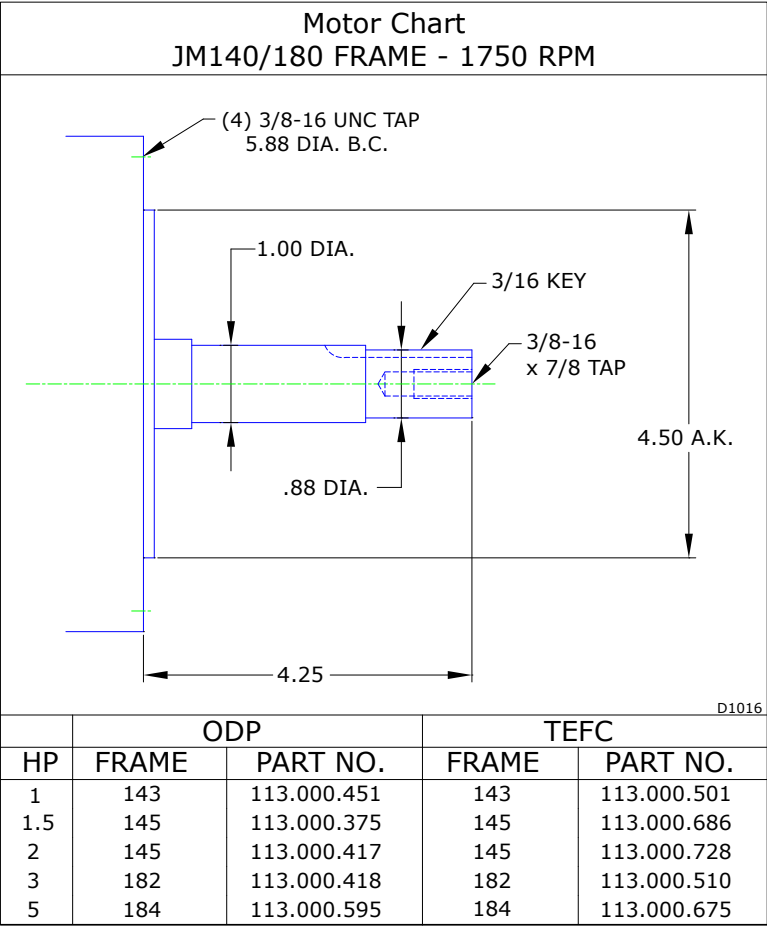


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Motor Charts





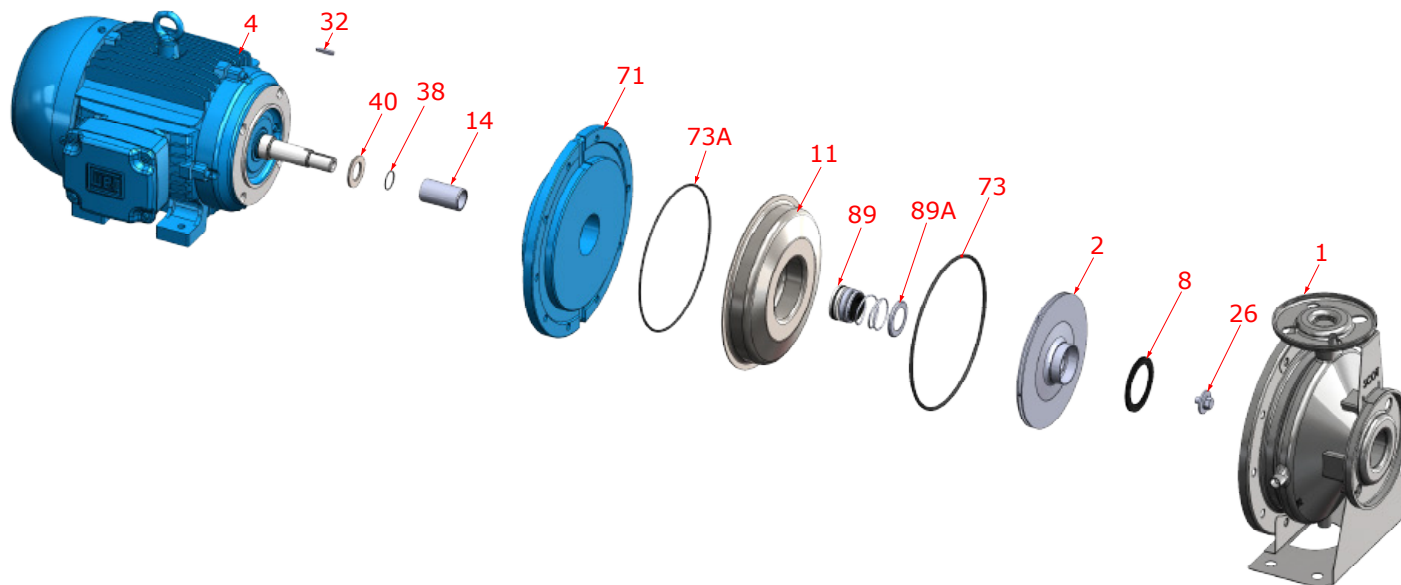
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## Construction Options



| Construction Options |                             |                 |
|----------------------|-----------------------------|-----------------|
| Key No.              | Part Name                   | Standard Fitted |
| 1                    | Case                        | 304SS           |
| 2                    | Impeller                    | 304SS           |
| 8                    | Impeller Ring               | PPO-20          |
| 11                   | Cover                       | 304SS           |
| 14                   | Sleeve                      | 304SS           |
| 26                   | Impeller Retaining Assembly | 304SS           |
| 32                   | Key                         | 303SS           |
| 38                   | Gasket Shaft                | Buna            |
| 40                   | Flinger                     | 304SS           |
| 71                   | Motor Disc                  | Iron            |
| 73                   | Gasket, Case                | Buna            |
| 73A                  | Gasket, Cover               | Buna            |
| 89                   | Seal Assembly BN-CARB/CM    | Standard        |
| 89A                  | Seal Spring Retainer        | 304SS           |