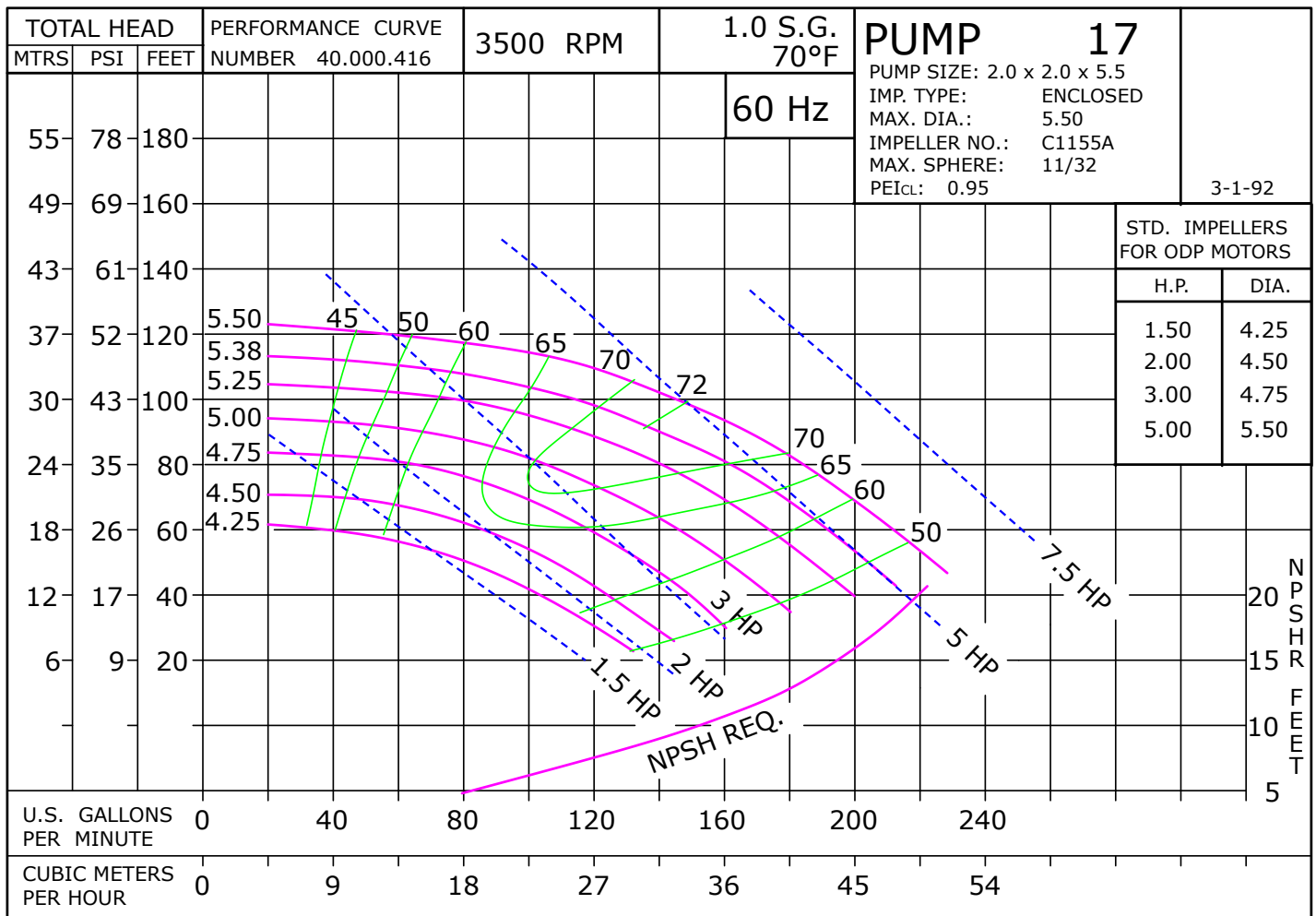
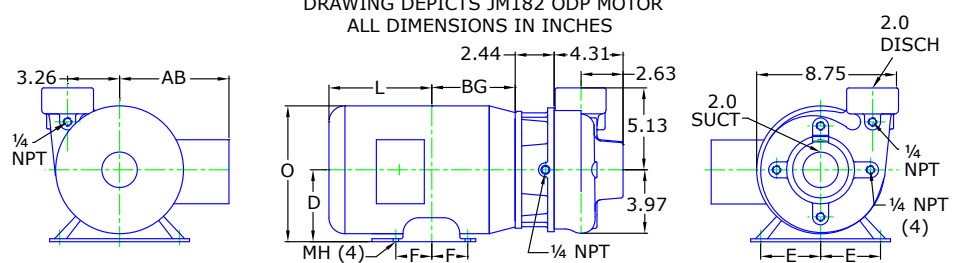


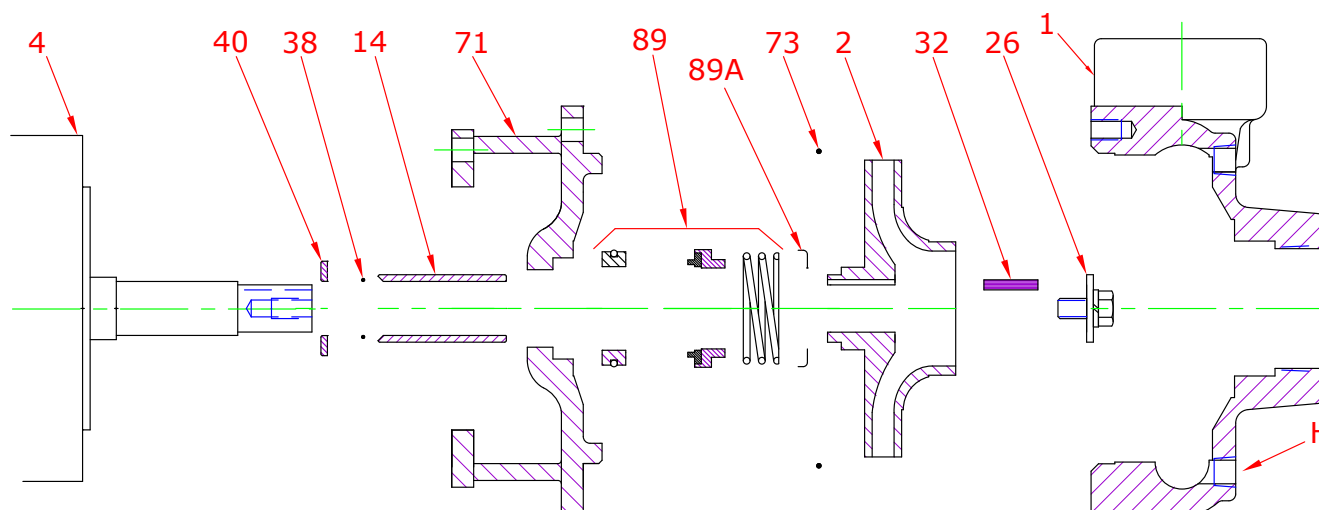


| Motor Dimensions       |      |       |          |      |         |      |          |      |      |      |
|------------------------|------|-------|----------|------|---------|------|----------|------|------|------|
| Nema Premium Efficient |      |       | Jm Frame |      | 3 Phase |      | 3500 Rpm |      |      |      |
| HP                     | Type | Frame | D        | E    | F       | O    | AB       | BG   | L    | MH   |
| 2, 3                   | ODP  | JM145 | 3.50     | 2.75 | 2.50    | 6.77 | 5.61     | 5.38 | 4.12 | 0.34 |
| 5                      | ODP  | JM182 | 4.50     | 3.75 | 2.25    | 8.44 | 6.74     | 5.75 | 5.12 | 0.41 |
| 7.5                    | ODP  | JM184 | 4.50     | 3.75 | 2.25    | 8.44 | 6.74     | 5.75 | 6.56 | 0.41 |
| 2                      | TEFC | JM145 | 3.50     | 2.75 | 2.50    | 7.00 | 6.25     | 5.06 | 6.34 | 0.34 |
| 3                      | TEFC | JM182 | 4.50     | 3.75 | 2.25    | 8.85 | 7.57     | 5.01 | 7.14 | 0.41 |
| 5, 7.5                 | TEFC | JM184 | 4.50     | 3.75 | 2.75    | 9.34 | 7.57     | 5.51 | 7.64 | 0.41 |

DRAWING DEPICTS JM182 ODP MOTOR  
ALL DIMENSIONS IN INCHES



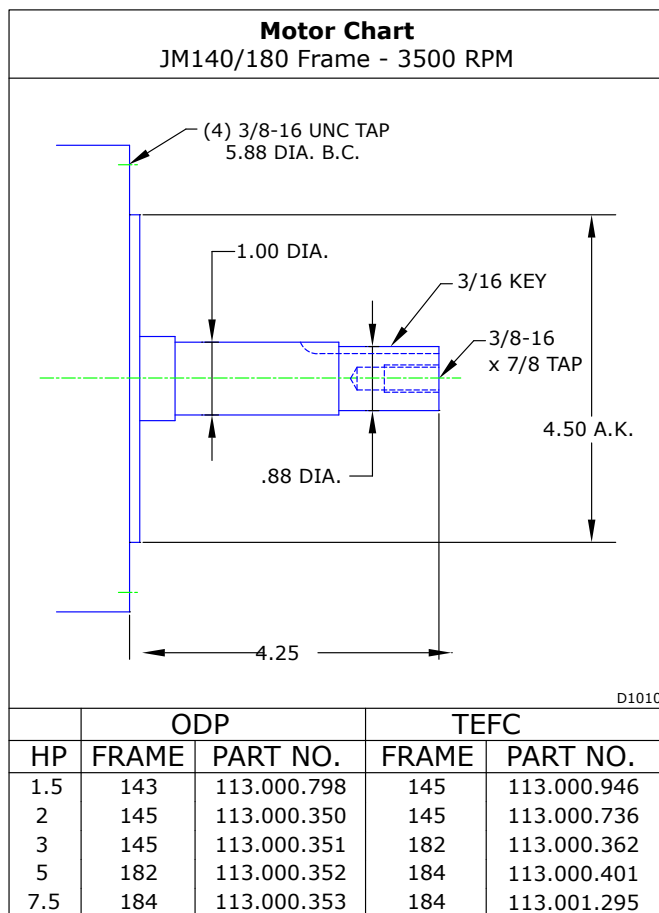
**Parts**



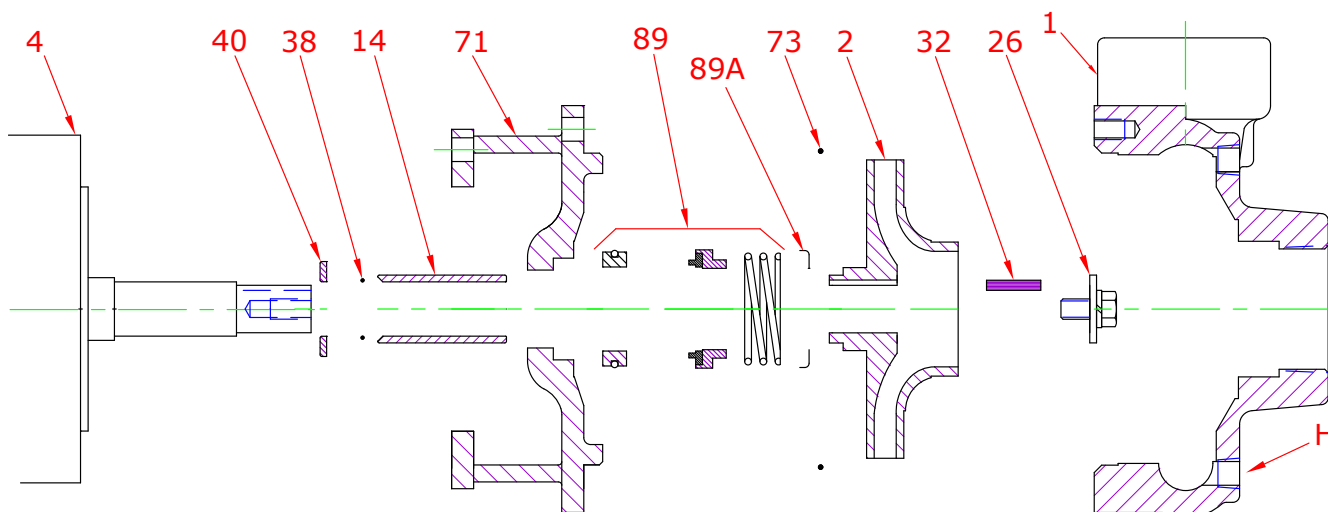
| Key No. | Part Name                                                    | Part Number  |
|---------|--------------------------------------------------------------|--------------|
| 1       | Case 17, Iron, 2.00 X 2.00 NPT Brass plugs                   | 130.000.168X |
| 2       | Impeller 17/27, Bronze, Specify Dia., 5.50 Max 7/8" Key      | 131.000.806  |
|         | Impeller 17/27, CIBF Specify Dia., 5.50 Max 7/8" Key         | 131.000.823  |
|         | Impeller 17/27, Iron, Specify Dia., 5.50 Max 7/8" Key        | 137.000.128  |
| 4       | Motor chart, JM140/180                                       | See Chart    |
| 14*     | Shaft sleeve, Bronze                                         | 110.000.178  |
|         | Shaft sleeve, Stainless                                      | 110.000.192  |
| 26*     | Impeller retaining assembly, Stainless                       | 118.000.111A |
| 32*     | Key, Stainless                                               | 102.000.102  |
| 38*     | O-ring, Shaft, Buna                                          | 116.000.117  |
|         | O-ring, Shaft, Viton                                         | 116.000.105  |
| 40*     | Flinger, Stainless                                           | 104.000.165  |
| 71      | Adapter, Iron, JM140/180 1-1/2" Seal, Brass plug             | 132.000.194X |
| 73*     | Gasket, Case, Buna                                           | 116.000.146  |
| 89*     | Seal, 1-1/2", Type 21, BN-CARB/CM                            | 101.000.168  |
|         | Seal, 1-1/2", Type 21, EPDM-CARB/SIL                         | 101.000.175B |
|         | Seal, 1-1/2", Type 21, EPDM-SIL/SIL                          | 101.000.204A |
|         | Seal, 1-1/2", Type 21, VN-CARB/CM                            | 101.000.191  |
|         | Seal, 1-1/2", Type 21, VN-CARB/SIL                           | 101.000.175  |
|         | Seal, 1-1/2", Type 21, VN-SIL/SIL                            | 101.000.204  |
| 89A*    | Seal spring retainer, Stainless                              | 104.000.175  |
| KIT     | Repair Kit, 1-1/2" BN-CARB/CM Seal, Brz sleeve, BN O-ring    | 118.000.343  |
|         | Repair Kit, 1-1/2" EPDM-CARB/SIL Seal, Brz sleeve, BN O-ring | 118.000.343D |
|         | Repair Kit, 1-1/2" EPDM-SIL/SIL Seal, Brz sleeve, BN O-ring  | 118.000.343J |
|         | Repair Kit, 1-1/2" VN-CARB/CM Seal, Brz sleeve, BN O-ring    | 118.000.343M |
|         | Repair Kit, 1-1/2" VN-CARB/CM Seal, Stn sleeve, VN O-ring    | 118.000.343A |
|         | Repair Kit, 1-1/2" VN-CARB/SIL Seal, Brz sleeve, BN O-ring   | 118.000.343B |
|         | Repair Kit, 1-1/2" VN-SIL/SIL Seal, Stn sleeve, VN O-ring    | 118.000.343F |

\* Denotes components included in repair kit.

**Motor Charts**



## Construction Options



| Construction Options |                                |                 |               |              |
|----------------------|--------------------------------|-----------------|---------------|--------------|
| Key                  | Part Name                      | Standard Fitted | Bronze Fitted | All Iron     |
| 1                    | Case                           | Iron            | Iron          | Iron         |
| 2                    | Impeller                       | CIBR            | Bronze        | Iron         |
| 14                   | Shaft Sleeve                   | Bronze          | Bronze        | Stainless    |
| 26                   | Impeller Retaining Assembly    | Stainless       | Stainless     | Stainless    |
| 32                   | Key                            | Stainless       | Stainless     | Stainless    |
| 38                   | O-Ring, Shaft                  | Buna            | Buna          | Buna         |
| 40                   | Flinger                        | Stainless       | Stainless     | Stainless    |
| 71                   | Adapter                        | Iron            | Iron          | Iron         |
| 73                   | Gasket, Case                   | Buna            | Buna          | Buna         |
| 89                   | Mechanical Seal, Type 21 BN-CM | Standard        | Standard      | Standard     |
| 89A                  | Seal Retainer                  | Stainless       | Stainless     | Stainless    |
| H                    | Plug, Drain                    | Brass           | Brass         | Plated Steel |

CIBR: Cast iron with brass wear ring