

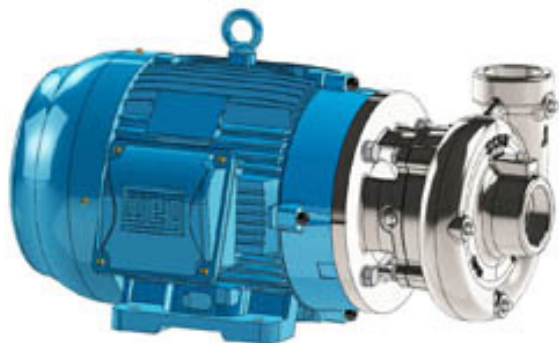


A WILO BRAND

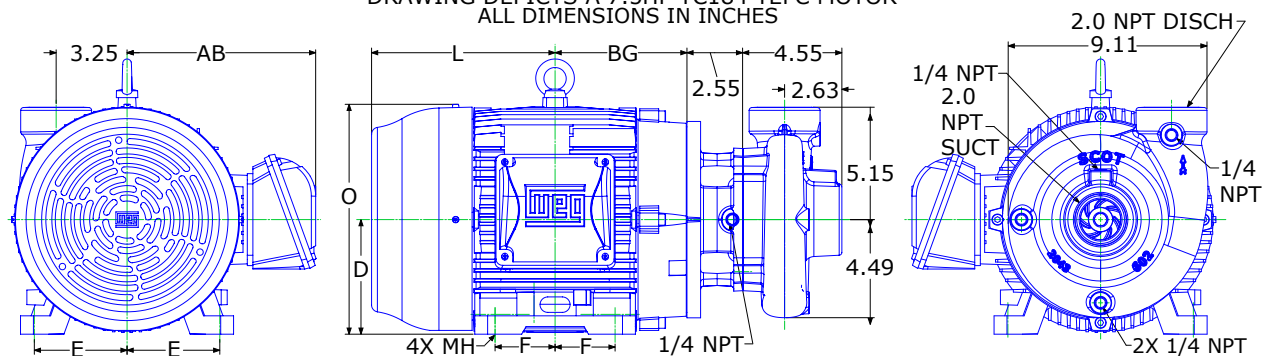
# MOTORPUMP™ — 3500 RPM

## 316SS, 60 Hz, 2 X 2 X 5.5 NPT

602S TC

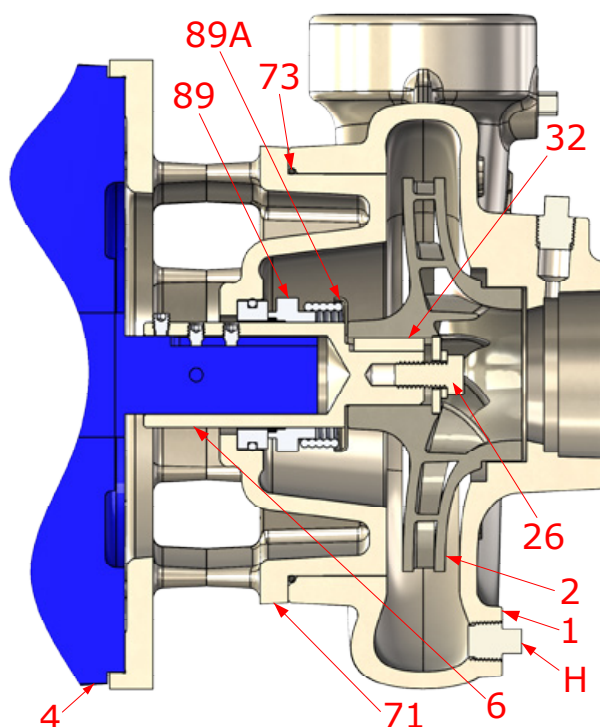


| Motor Dimensions |                   |          |         |          |      |      |      |      |      |      |      |
|------------------|-------------------|----------|---------|----------|------|------|------|------|------|------|------|
| NEMA             | Premium Efficient | TC Frame | 3 Phase | 3500 RPM |      |      |      |      |      |      |      |
| HP               | Type              | Frame    | B       | D        | E    | F    | O    | AB   | BG   | L    | MH   |
| 1.5              | TEFC              | TC143    | 3.60    | 3.50     | 2.75 | 2.00 | 7.12 | 6.18 | 4.25 | 5.81 | 0.34 |
| 2                | TEFC              | TC145    | 3.60    | 3.50     | 2.75 | 2.50 | 7.12 | 6.18 | 4.75 | 6.31 | 0.34 |
| 3                | TEFC              | TC182    | 4.25    | 4.50     | 3.75 | 2.25 | 9.34 | 7.56 | 5.00 | 6.99 | 0.41 |
| 5, 7.5           | TEFC              | TC184    | 4.25    | 4.50     | 3.75 | 2.75 | 9.34 | 7.56 | 5.50 | 7.49 | 0.41 |

DRAWING DEPICTS A 7.5HP TC184 TEFC MOTOR  
ALL DIMENSIONS IN INCHES

### Construction Options

| Key | Part Name                            | Stainless Fitted |
|-----|--------------------------------------|------------------|
| 1   | Case                                 | 316SS            |
| 2   | Impeller                             | 316SS            |
| 6   | Stub Shaft                           | 316SS            |
| 26  | Impeller Retaining Assembly          | 316SS            |
| 32  | Key                                  | 316SS            |
| 71  | Adapter                              | 316SS            |
| 73  | Gasket, Case                         | Viton            |
| 89  | Mechanical Seal, Type 21, VN-SIL/SIL | Standard         |
| 89A | Seal Retainer                        | 316SS            |
| H   | Plug, Drain                          | 316SS            |





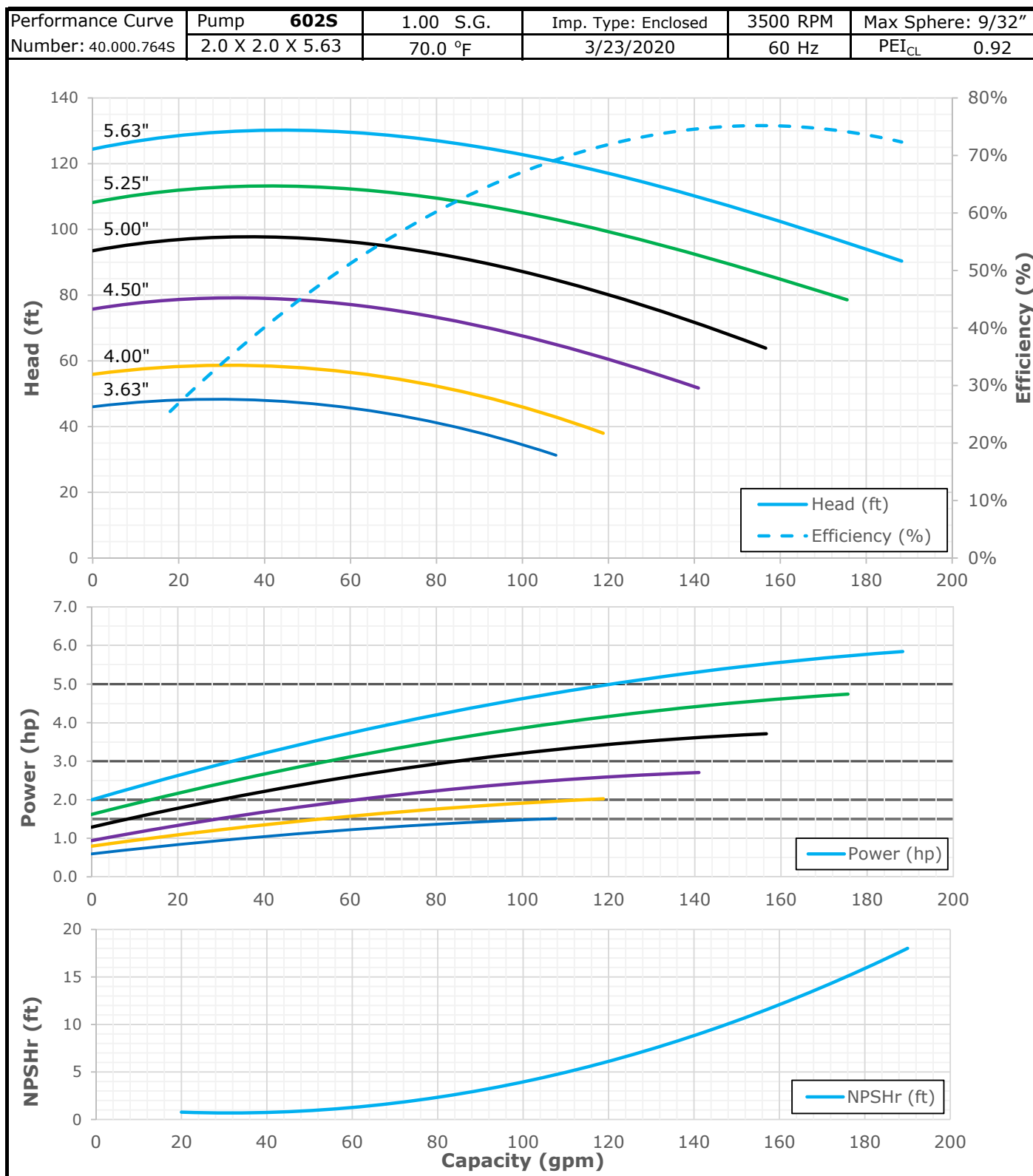
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**602S TC**

### Performance Curve





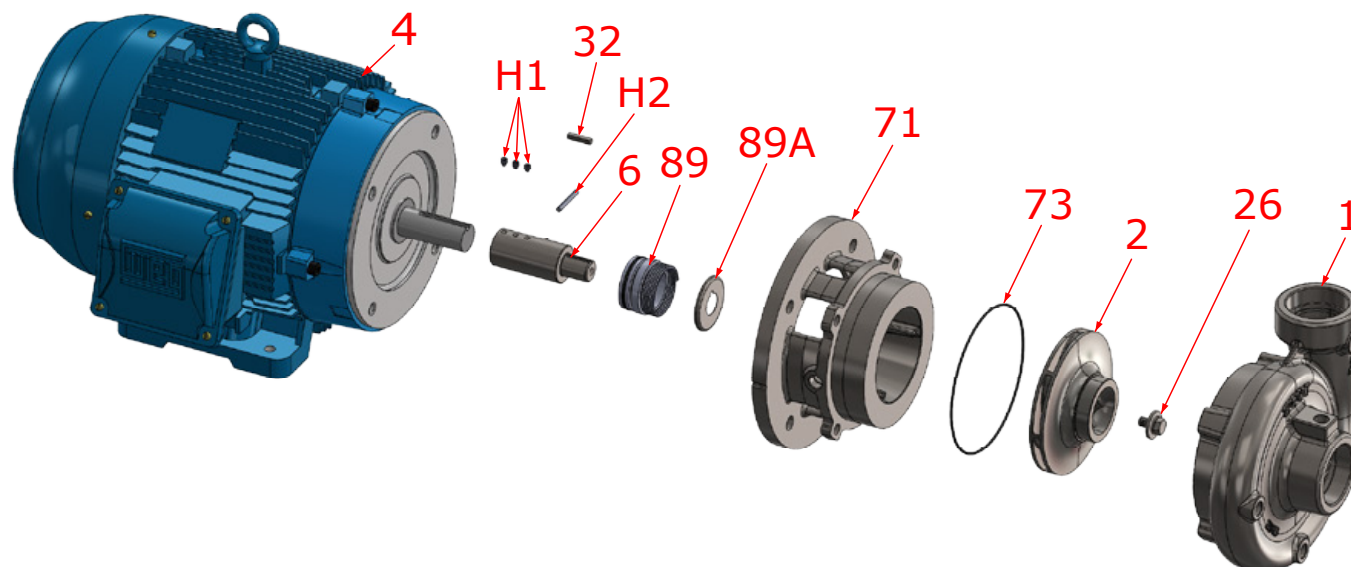
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# MOTORPUMP™ — 3500 RPM

## 316SS, 60 Hz, 2 X 2 X 5.5 NPT

**602S TC**

### Parts



| Key  | Part Name                                                                     | Part Number  |              |
|------|-------------------------------------------------------------------------------|--------------|--------------|
|      |                                                                               | 1.5-3 HP     | 5-7.5 HP     |
| 1    | Case 602S, 316SS, 2.00 X 2.00 NPT, Stn plugs                                  | 3301127X     | 3301127X     |
| 2    | Impeller 602S, 316SS, Specify Dia., 5.63 Max 7/8" Key                         | 3301136      | 3301136      |
| 4    | Motor chart, TC140                                                            | See Chart    | --           |
|      | Motor chart, TC180                                                            | --           | See Chart    |
| 6*   | Stub shaft assembly, 316SS<br>Includes pin (Key# H2) and set screws (Key# H1) | 137.003.151X | 137.003.148X |
| 26*  | Impeller retaining assembly, Stainless                                        | 118.000.691  | 118.000.691  |
| 32*  | Key, Stainless, 316SS                                                         | 102.000.218  | 102.000.218  |
| 71   | Adapter, 316SS, 1-1/2" Seal, with plug                                        | 3301125X     | 3301129X     |
| 73*  | Gasket, Case, Viton                                                           | 116.000.150  | 116.000.150  |
|      | Gasket, Case, EPDM                                                            | 116.000.146A | 116.000.146A |
| H1   | Set Screw, 303SS (3)                                                          | 105.000.313  | 105.000.313  |
| H2   | Pin, 303SS                                                                    | 105.000.354  | 105.000.354  |
| 89*  | Seal, 1-1/2", 316SS, Type 21, VN-SIL/SIL                                      | 137.003.147  | 137.003.147  |
|      | Seal, 1-1/2", 316SS, Type 21, EPDM-SIL/SIL                                    | 101.000.204A | 101.000.204A |
| 89A* | Seal spring retainer, Stainless                                               | 137.003.146  | 137.003.146  |
| KIT  | Repair Kit, 1-1/2" VN-SIL/SIL Seal, Stn sleeve, VN O-ring                     | 118.000.692  | 118.000.690  |
|      | Repair Kit, 1-1/2" EPDM-SIL/SIL Seal, Stn sleeve, EPDM O-ring                 | 3301450      | 3301451      |

\* Denotes components included in repair kit.



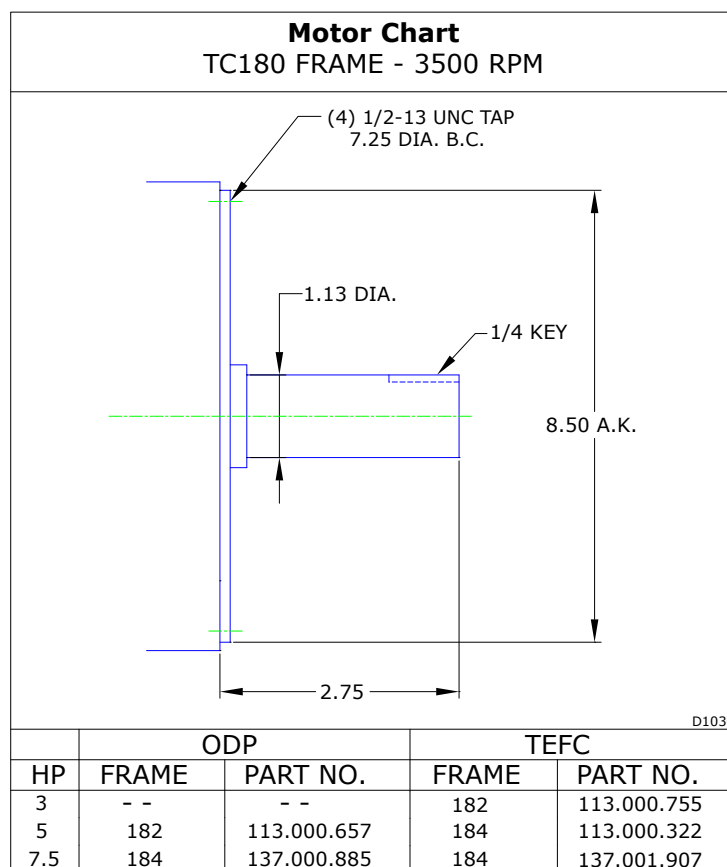
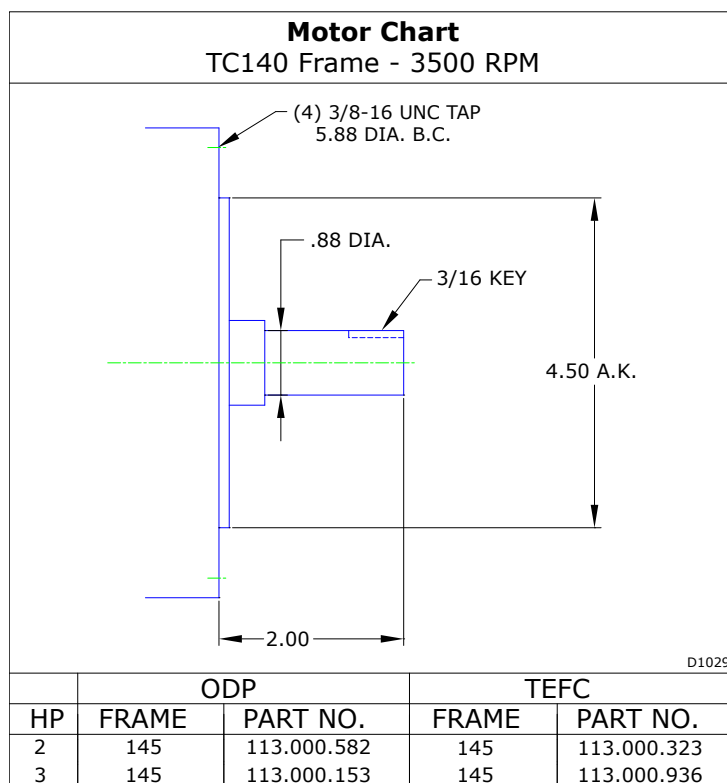
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**602S TC**

### Motor Charts

D1029  
D1030  
M22Scot Pump, A Wilo Brand  
+1-262-204-6600  
scot.sales@wilo.com