

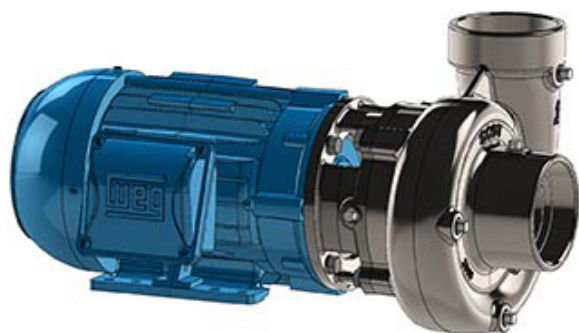


A WILO BRAND

# MOTORPUMP™ — 3500 RPM

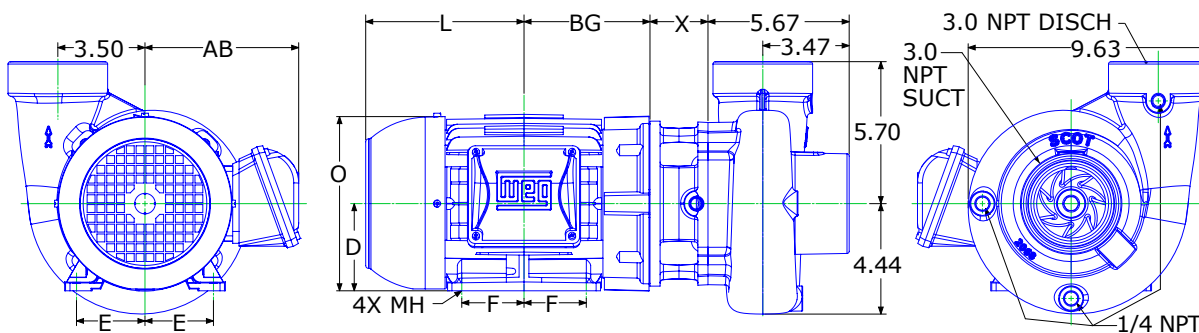
## 316SS, 60 Hz, 3 X 3 X 5.63 NPT

604S TC



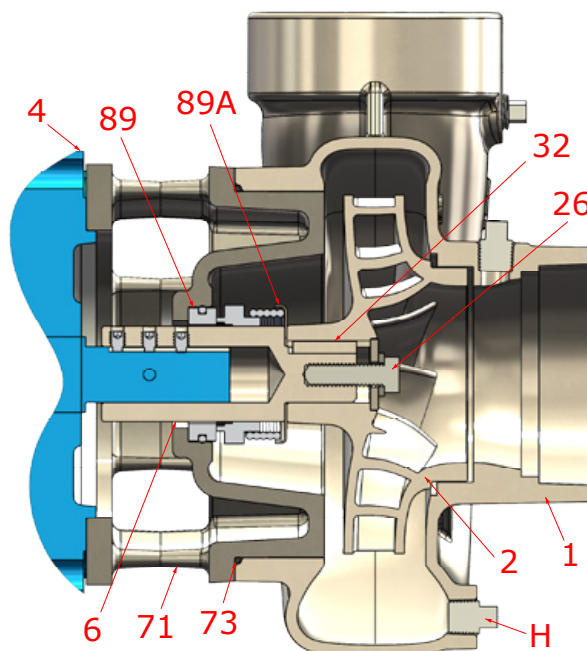
Motor Dimensions

| NEMA   | Premium Efficient | TC Frame | 3 Phase | 3500 RPM |      |      |       |      |      |      |      |      |
|--------|-------------------|----------|---------|----------|------|------|-------|------|------|------|------|------|
| HP     | TYPE              | Frame    | B       | D        | E    | F    | O     | AB   | BG   | L    | MH   | X    |
| 1.5    | TEFC              | TC143    | 3.60    | 3.50     | 2.75 | 2.00 | 7.12  | 6.18 | 4.25 | 5.81 | 0.34 | 2.33 |
| 2      | TEFC              | TC145    | 3.60    | 3.50     | 2.75 | 2.50 | 7.12  | 6.18 | 4.75 | 6.31 | 0.34 | 2.33 |
| 3      | TEFC              | TC182    | 4.25    | 4.50     | 3.75 | 2.25 | 9.34  | 7.56 | 5.00 | 6.99 | 0.41 | 2.33 |
| 5      | TEFC              | TC184    | 4.25    | 4.50     | 3.75 | 2.75 | 9.34  | 7.56 | 5.50 | 7.49 | 0.41 | 2.33 |
| 7.5    | TEFC              | TC213    | 5.14    | 5.25     | 4.25 | 2.75 | 10.84 | 8.58 | 6.25 | 8.40 | 0.41 | 3.28 |
| 10, 15 | TEFC              | TC215    | 5.14    | 5.25     | 4.25 | 3.50 | 10.84 | 8.58 | 7.00 | 9.14 | 0.41 | 3.28 |

DRAWING DEPICTS 5HP TC184 TEFC MOTOR  
ALL DIMENSIONS IN INCHES

### Construction Options

| Key | Part Name                            | Stainless |
|-----|--------------------------------------|-----------|
| 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 Spring Retainer                 | 316SS     |
| H   | Plug, Drain                          | 316SS     |





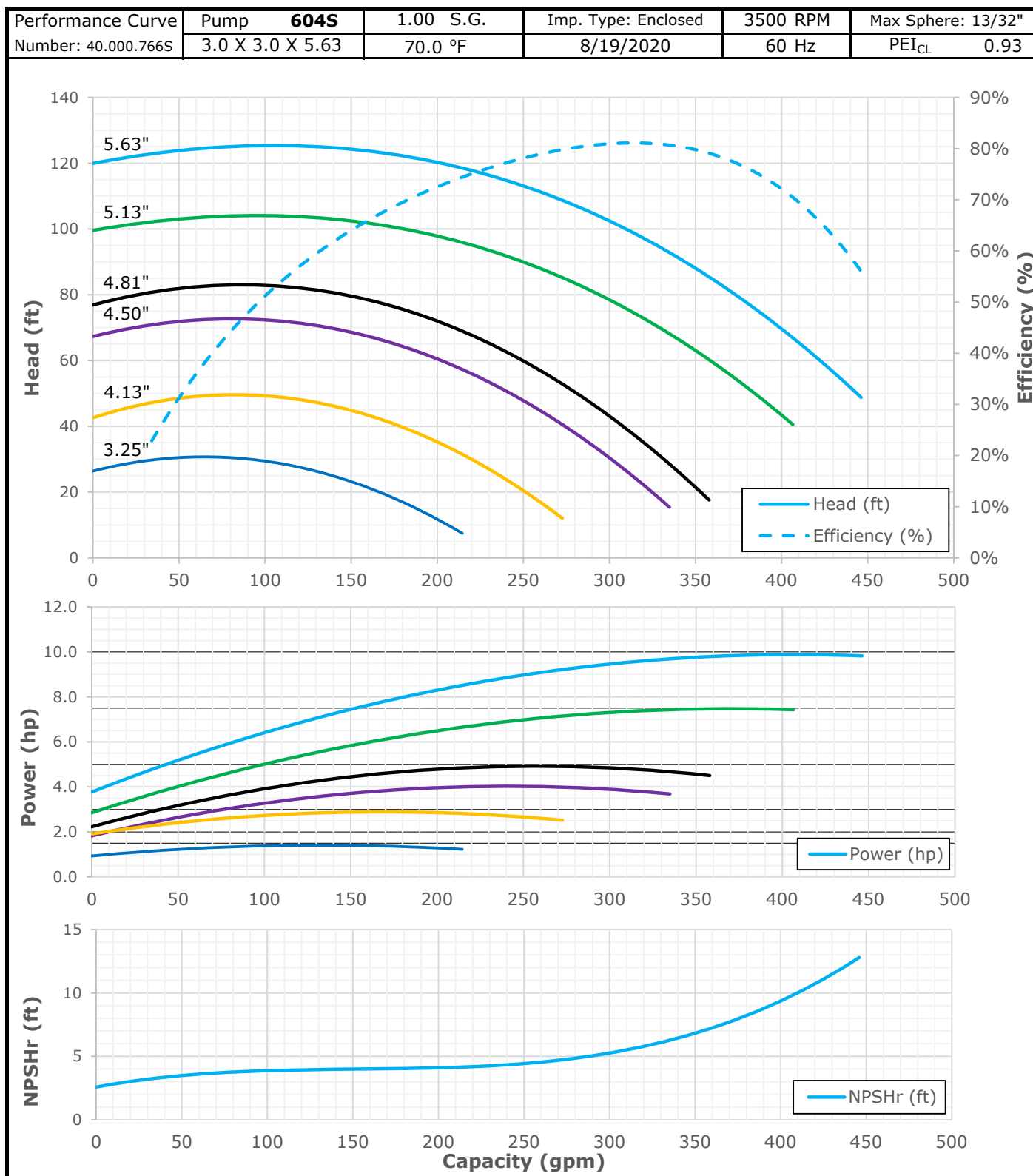
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## 316SS, 60 Hz, 3 X 3 X 5.63 NPT

**604S TC**

### Performance Curve





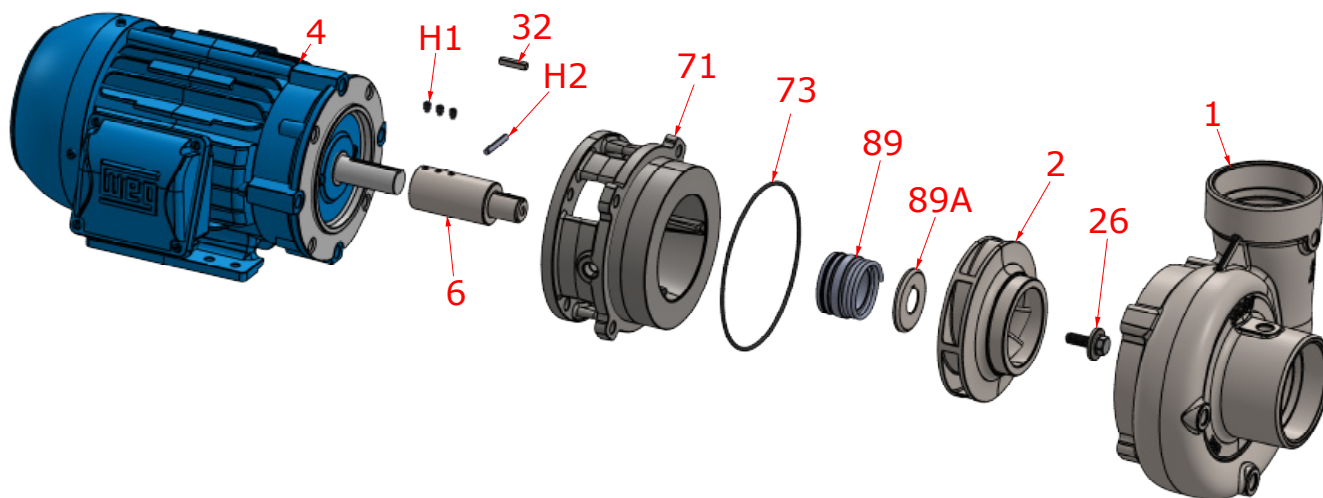
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# MOTORPUMP™ — 3500 RPM

## 316SS, 60 Hz, 3 X 3 X 5.63 NPT

604S TC

### Parts



| Key  | Part Name                                                                                | Part Number  |              |              |
|------|------------------------------------------------------------------------------------------|--------------|--------------|--------------|
|      |                                                                                          | 1.5-3 HP     | 5-7.5 HP     | 10-15 HP     |
| 1    | Case 604S, 316SS, 3.00 X 3.00 NPT, Stn plugs                                             | 3301188X     | 3301188X     | 3301188X     |
| 2    | Impeller 604S, 316SS, Specify Dia., 5.63 Max 7/8" Key                                    | 3301190      | 3301190      | 3301190      |
| 4    | Motor chart, TC140                                                                       | See Chart    | --           | --           |
|      | Motor chart, TC180                                                                       | --           | See Chart    | --           |
|      | Motor chart, TC210                                                                       | --           | --           | See Chart    |
| 6*   | Stub shaft assembly, 316SS, .88 Bore<br>Includes pin (Key# H2) and set screws (Key# H1)  | 137.003.151X | --           | --           |
|      | Stub shaft assembly, 316SS, 1.13 Bore<br>Includes pin (Key# H2) and set screws (Key# H1) | --           | 137.003.148X | --           |
|      | Stub shaft assembly, 316SS, 1.38 Bore<br>Includes pin (Key# H2) and set screws (Key# H1) | --           | --           | 3301271X     |
| 26*  | Impeller retaining assembly, 316SS                                                       | 3301380      | 3301380      | 3301380      |
| 32*  | Key, Stainless, 316SS                                                                    | 102.000.218  | 102.000.218  | 102.000.218  |
| 71   | Adapter, 316SS, 1-1/2" Seal, with plug                                                   | 3301125X     | 3301129X     | --           |
|      | Adapter, 316SS, 1-3/4" Seal, with plug                                                   | --           | --           | 3301269X     |
| 73*  | Gasket, Case, Viton                                                                      | 116.000.150  | 116.000.150  | 116.000.150  |
|      | Gasket, Case, EPDM                                                                       | 116.000.146A | 116.000.146A | 116.000.146A |
| H1   | Set Screw, 303SS (3)                                                                     | 105.000.313  | 105.000.313  | 3301275      |
| H2   | Pin, 303SS                                                                               | 105.000.354  | 105.000.354  | 3301274      |
| 89*  | Seal, 1-1/2", 316SS, Type 21, VN-SIL/SIL                                                 | 137.003.147  | 137.003.147  | --           |
|      | Seal, 1-3/4", 316SS, Type 21, VN-SIL/SIL                                                 | --           | --           | 3301272      |
|      | Seal, 1-1/2", 316SS, Type 21, EPDM-SIL/SIL                                               | 101.000.204A | 101.000.204A | --           |
|      | Seal, 1-3/4", 316SS, Type 21, EPDM-SIL/SIL                                               | --           | --           | 137.001.555  |
| 89A* | Seal spring retainer, Stainless                                                          | 137.003.146  | 137.003.146  | 3301270      |
| KIT  | Repair Kit, .88 Stub, 1-1/2" VN-SIL/SIL Seal, VN O-ring                                  | 3301392      | --           | --           |
|      | Repair Kit, 1.13 Stub, 1-1/2" VN-SIL/SIL Seal, VN O-ring                                 | --           | 3301390      | --           |
|      | Repair Kit, 1.38 Stub, 1-3/4" VN-SIL/SIL Seal, VN O-ring                                 | --           | --           | 3301391      |
|      | Repair Kit, .88 Stub, 1-1/2" EPDM-SIL/SIL Seal, EPDM O-ring                              | 3301452      | --           | --           |
|      | Repair Kit, 1.13 Stub, 1-1/2" EPDM-SIL/SIL Seal, EPDM O-ring                             | --           | 3301453      | --           |
|      | Repair Kit, 1.38 Stub, 1-3/4" EPDM-SIL/SIL Seal, EPDM O-ring                             | --           | --           | 3301449      |

\* Denotes components included in repair kit.



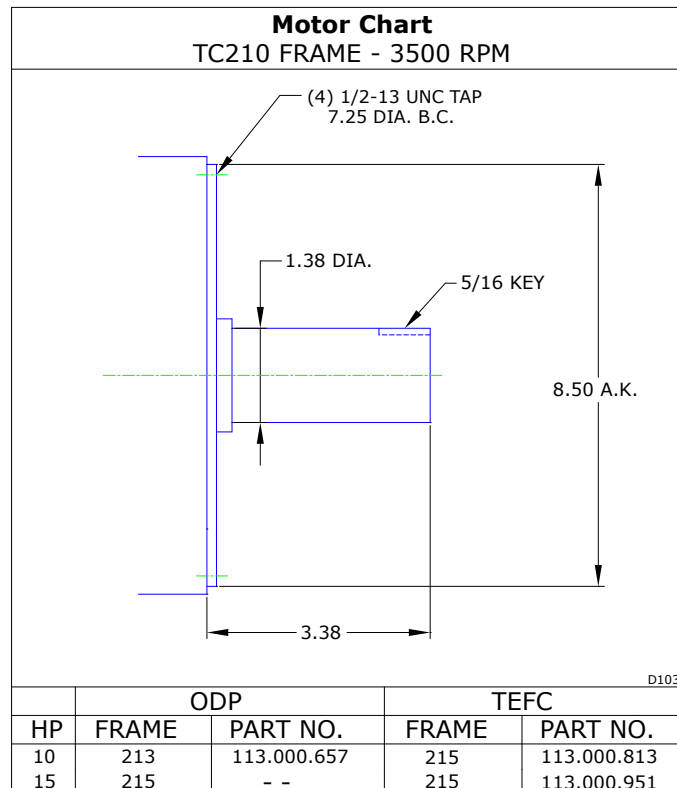
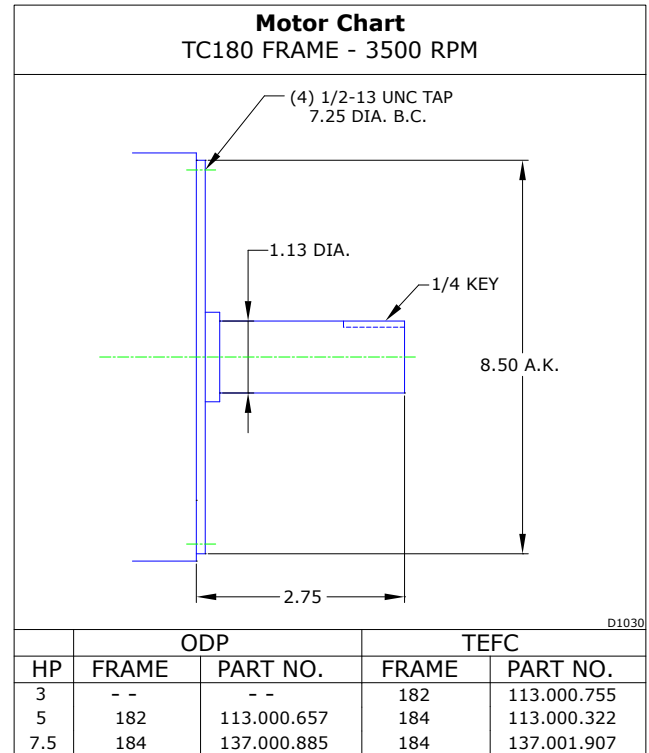
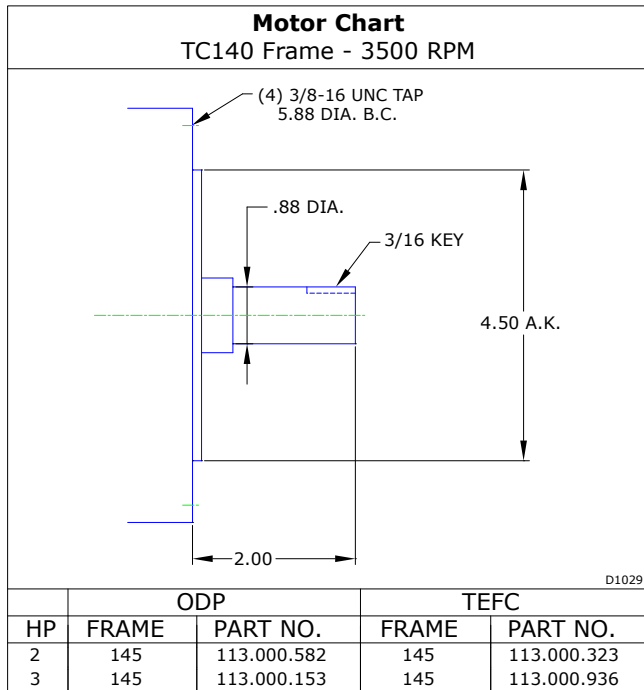
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604S TC

### Motor Charts

D1029  
D1030  
D1031  
0821Scot Pump, A Wilo Brand  
+1-262-204-6600  
scot.sales@wilo.com