



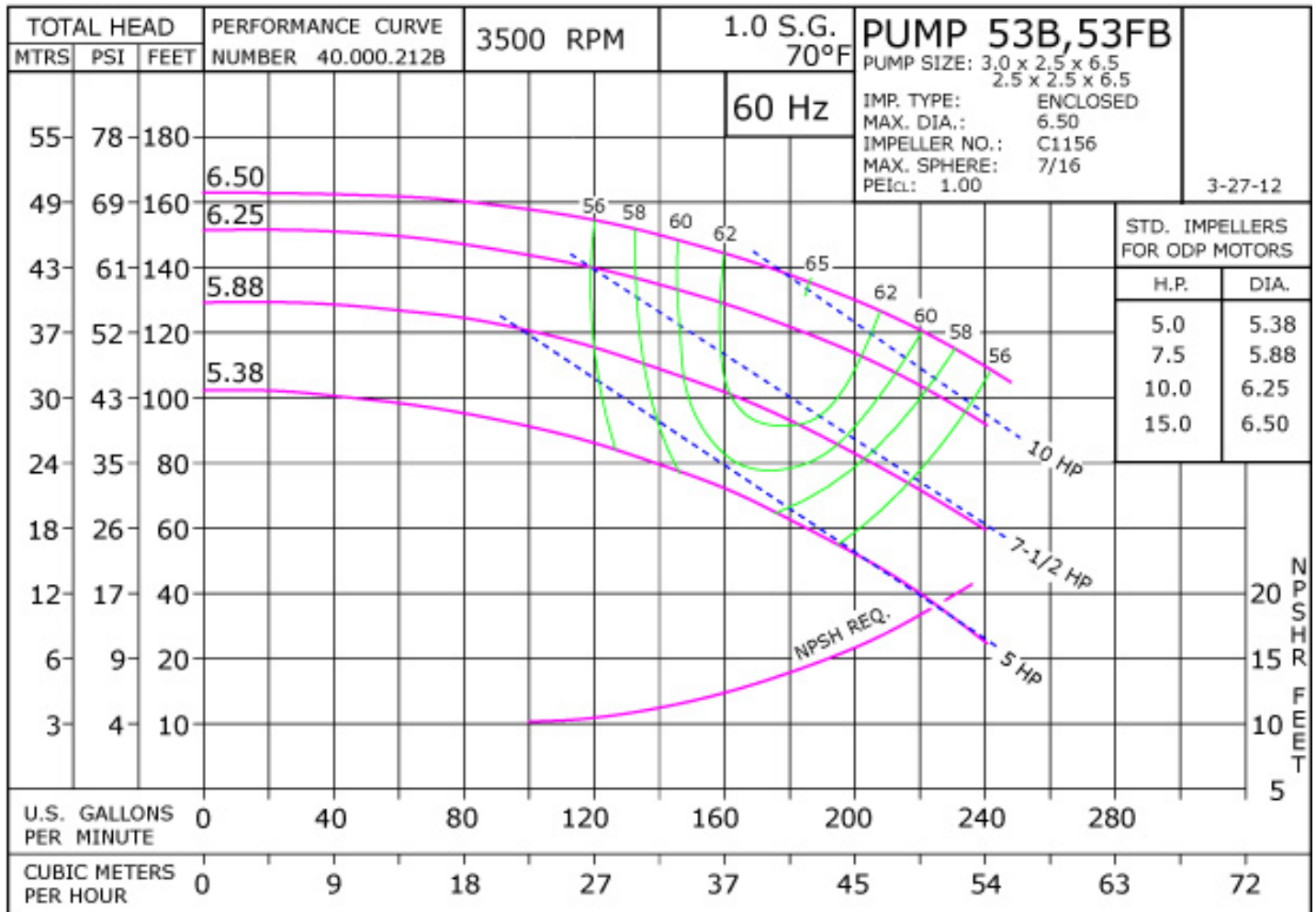
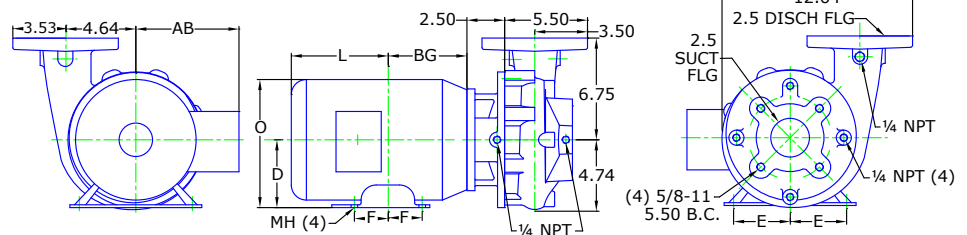
A WILO BRAND

# MOTORPUMP™ — 3500 RPM

## Bronze, 60 Hz, 2.5 X 2.5 X 6.5 FLG

**53FB JM**

| Motor Dimensions |           |                         |      |      |      |       |      |      |      |      |
|------------------|-----------|-------------------------|------|------|------|-------|------|------|------|------|
| HP               | NEMA Type | Premium Efficient Frame | D    | E    | F    | O     | AB   | BG   | L    | MH   |
| 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 |
| 10               | ODP       | JM213                   | 5.25 | 4.25 | 2.75 | 10.03 | 7.92 | 7.00 | 6.94 | 0.43 |
| 15               | ODP       | JM215                   | 5.25 | 4.25 | 3.50 | 10.03 | 7.92 | 7.75 | 6.19 | 0.43 |
| 5, 7.5           | TEFC      | JM184                   | 4.50 | 3.75 | 2.75 | 9.34  | 7.57 | 5.51 | 7.64 | 0.41 |
| 10, 15           | TEFC      | JM215                   | 5.25 | 4.25 | 3.50 | 10.37 | 8.19 | 6.77 | 9.16 | 0.41 |

DRAWING DEPICTS JM184 7.5HP ODP MOTOR  
ALL DIMENSIONS IN INCHES



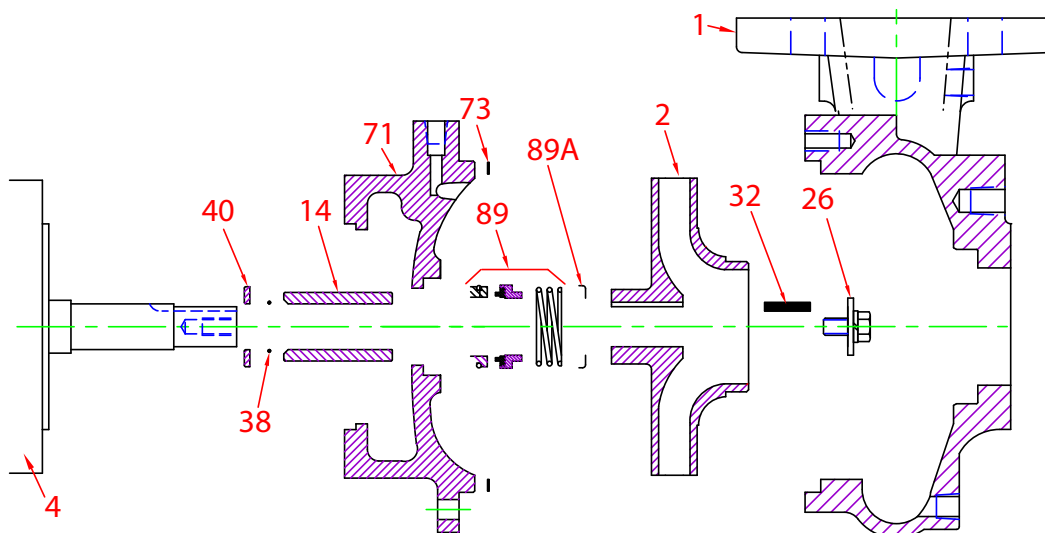
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### Parts



| Key No. | Part Name                                                    | Part Number  |
|---------|--------------------------------------------------------------|--------------|
| 1       | Case 53/54FB, Bronze, 2.50 X 2.50 FLG Brass plugs            | 130.000.220X |
| 2       | Impeller 53, Bronze, Specify Dia 6.50 Max 7/8" Key           | 137.000.205  |
| 4       | Motor chart, JM140/180                                       | See Chart    |
|         | Motor chart, JM210                                           | See Chart    |
| 14*     | Shaft sleeve, Bronze                                         | 110.000.178  |
|         | Shaft sleeve, Stainless                                      | 110.000.192  |
| 26*     | Impeller retaining assembly, Stainless                       | 118.000.163A |
| 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, Bronze, JM140/180 1-1/2" Seal, with Brass plug      | 132.000.228X |
|         | Adapter, Bronze, JM210 1-1/2" Seal, with Brass plug          | 132.000.223X |
| 73*     | Gasket, Case, Fiber                                          | 116.000.157  |
| 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                              | 104.000.174  |
| KIT     | Repair Kit, 1-1/2" BN-CARB/CM Seal, Brz sleeve, BN O-ring    | 118.000.344  |
|         | Repair Kit, 1-1/2" EPDM-CARB/SIL Seal, Brz sleeve, BN O-ring | 118.000.344C |
|         | Repair Kit, 1-1/2" EPDM-SIL/SIL Seal, Brz sleeve, BN O-ring  | 118.000.344D |
|         | Repair Kit, 1-1/2" VN-CARB/CM Seal, Brz sleeve, BN O-ring    | 118.000.344K |
|         | Repair Kit, 1-1/2" VN-CARB/CM Seal, Stn sleeve, VN O-ring    | 118.000.344A |
|         | Repair Kit, 1-1/2" VN-CARB/SIL Seal, Brz sleeve, BN O-ring   | 118.000.344B |
|         | Repair Kit, 1-1/2" VN-SIL/SIL Seal, Stn sleeve, VN O-ring    | 118.000.344F |

\* Denotes components included in repair kit.



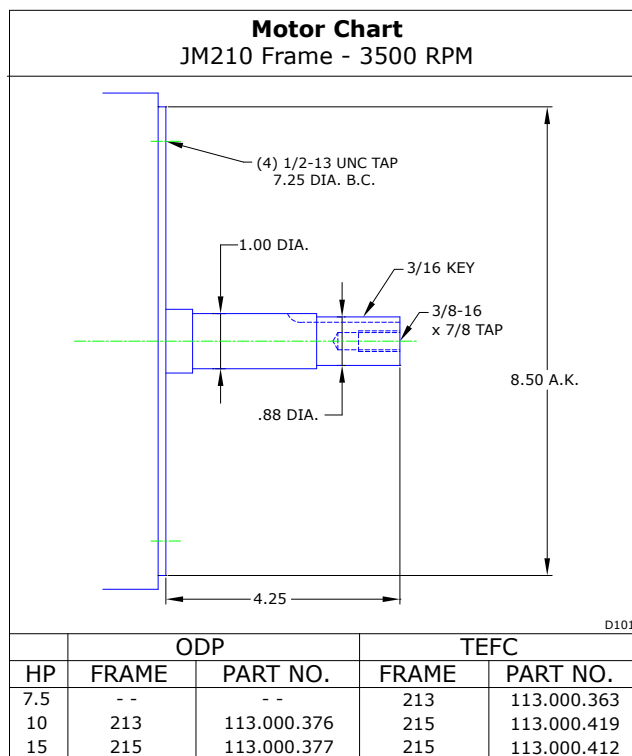
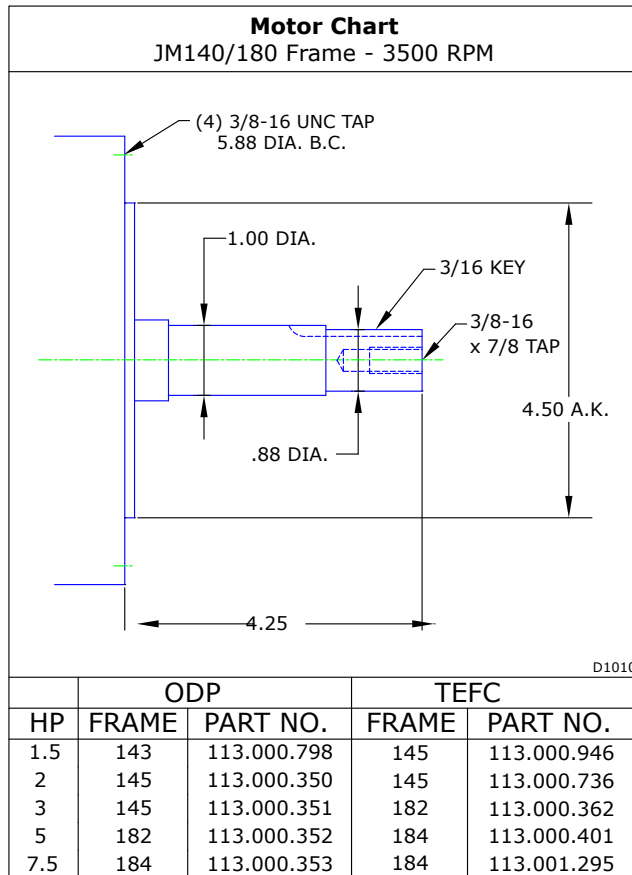
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Bronze, 60 Hz, 2.5 X 2.5 X 6.5 FLG

53FB JM

## Motor Charts

D1010  
D1011  
K19Scot Pump, A Wilo Brand  
+1-262-377-7000  
scot.sales@wilo.com



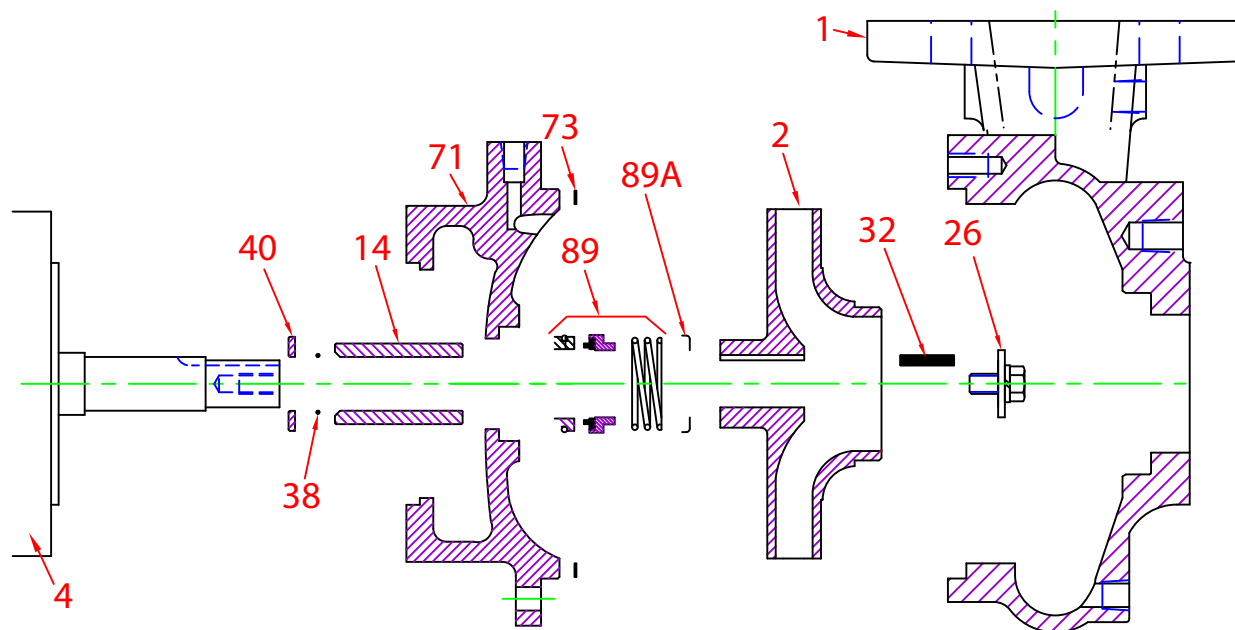
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**53FB JM**

## Construction Options



| Construction Options |                                      |            |
|----------------------|--------------------------------------|------------|
| Key No.              | Part Name                            | All Bronze |
| 1                    | Case                                 | Bronze     |
| 2                    | Impeller                             | Bronze     |
| 14                   | Shaft Sleeve                         | Bronze     |
| 26                   | Impeller Retaining Assy              | Stainless  |
| 32                   | Key                                  | Stainless  |
| 38                   | Shaft O-Ring                         | Buna       |
| 40                   | Flinger                              | Stainless  |
| 71                   | Adapter                              | Bronze     |
| 73                   | Gasket, Case                         | Fiber      |
| 89                   | Mechanical Seal, Type 21, BN-CARB/CM | Standard   |
| 89A                  | Seal Spring Retainer                 | Stainless  |
| H                    | Plug, Drain                          | Brass      |