



A WILO BRAND

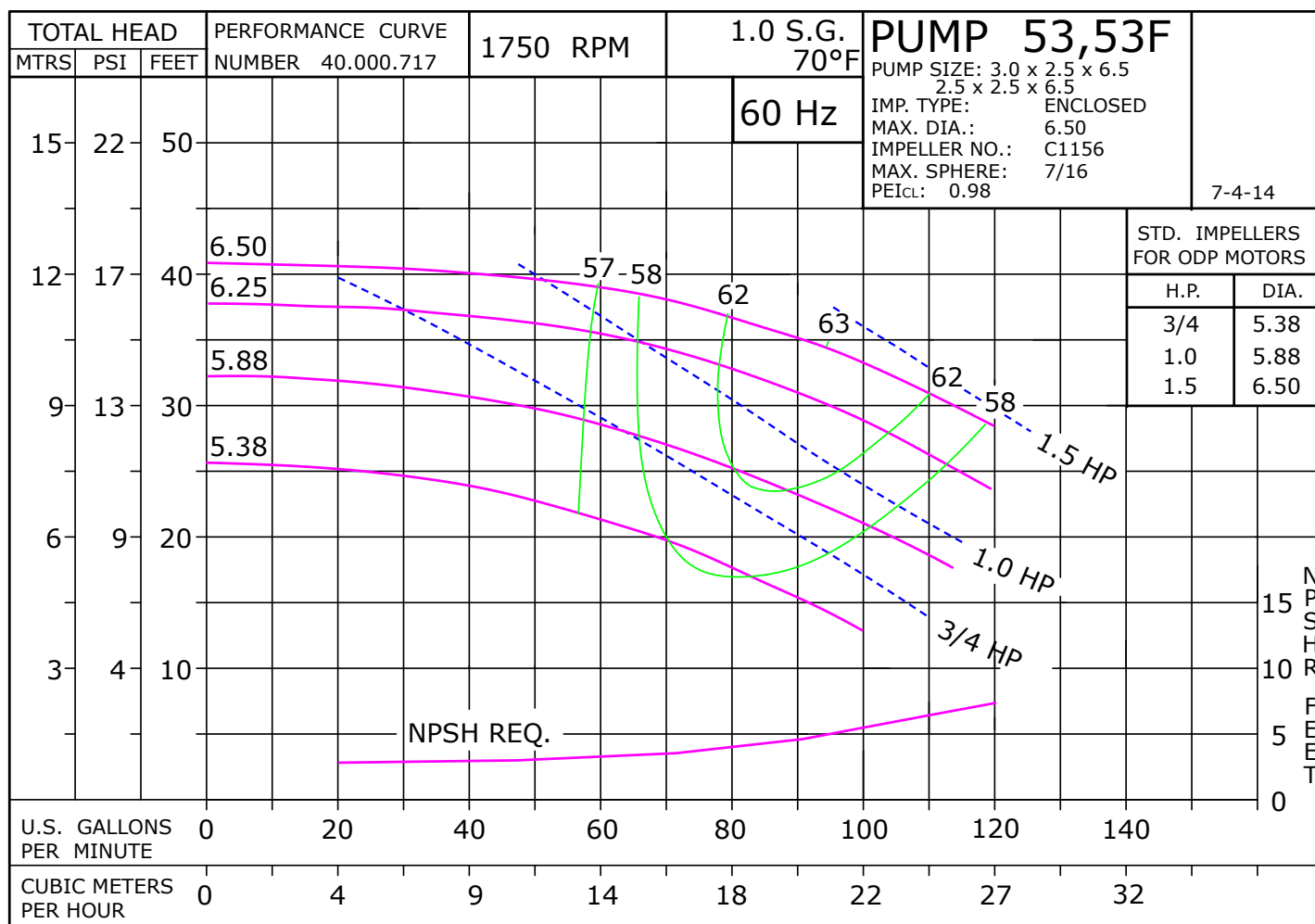
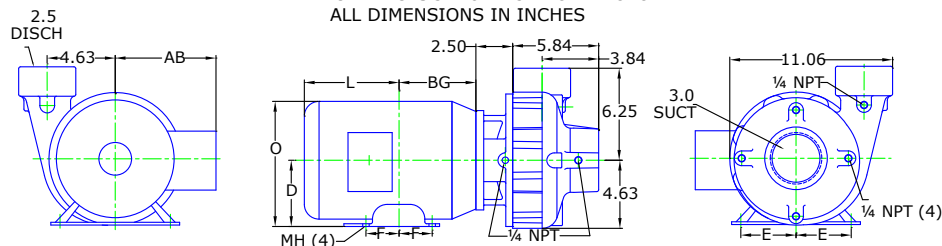
## MOTORPUMP™ — 1750 RPM

53 JM



| Motor Dimensions |      |                   |          |         |          |       |      |      |      |      |
|------------------|------|-------------------|----------|---------|----------|-------|------|------|------|------|
|                  | NEMA | Premium Efficient | JM Frame | 3 Phase | 3500 RPM |       |      |      |      |      |
| HP               | Type | 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





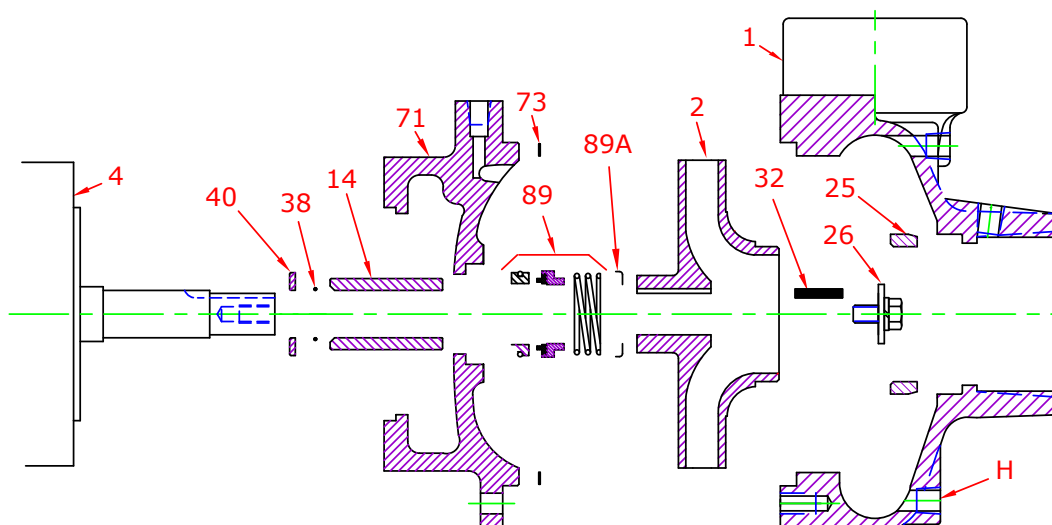
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# MOTORPUMP™ — 1750 RPM

Iron, 60 Hz, 3 X 2.5 X 6.5 NPT

**53 JM**

## Parts



| Key No. | Part Name                                                    | Part Number  |
|---------|--------------------------------------------------------------|--------------|
| 1+      | Case 53/54, Iron, 3 X 2.5 NPT Bronze Wear Ring and plugs     | 130.000.249X |
| 2       | Impeller 53, Bronze, Specify Dia 6.50 Max 7/8" Key           | 137.000.205  |
|         | Impeller 53, Iron, Specify Dia 6.50 X 7/8" Key               | 137.000.206  |
| 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  |
| 25      | Wear ring, Bronze                                            | 103.000.137  |
|         | Wear ring, Steel                                             | 103.000.153  |
| 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, Iron, JM140/180 1-1/2" Seal, with Brass plug        | 132.000.202X |
|         | Adapter, Iron, JM210 1-1/2" Seal, with Brass plug            | 132.000.213X |
| 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.

+ Includes bronze wear ring. For steel, replace suffix "X" with "X1".



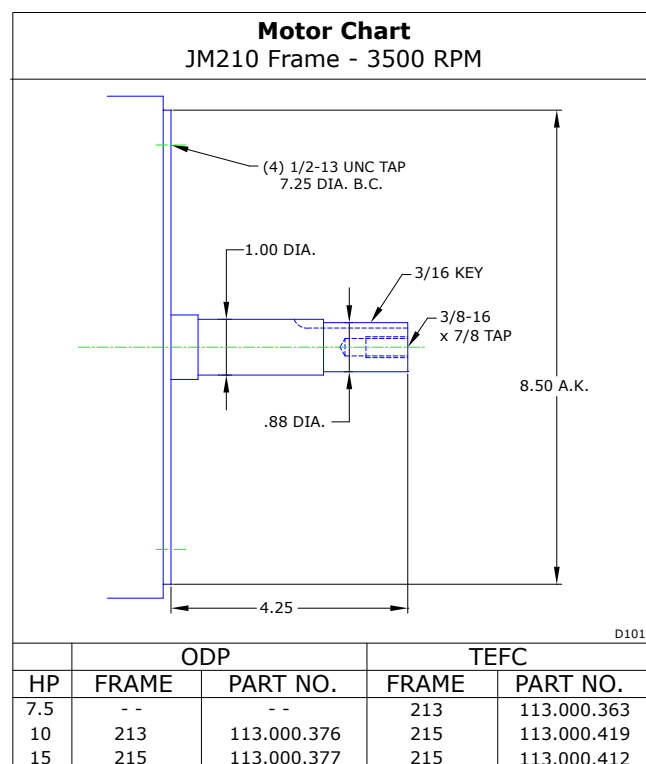
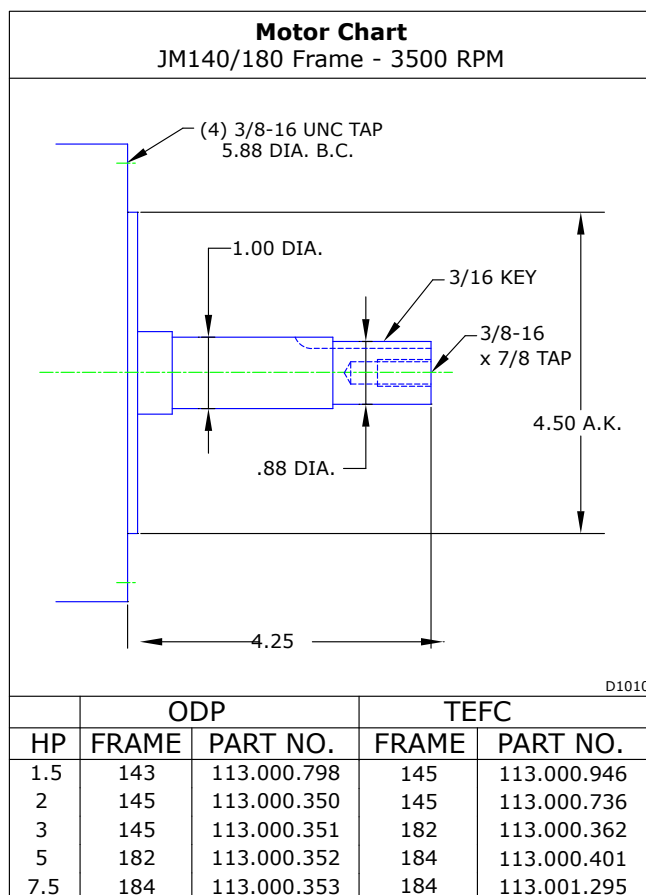
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## Motor Charts

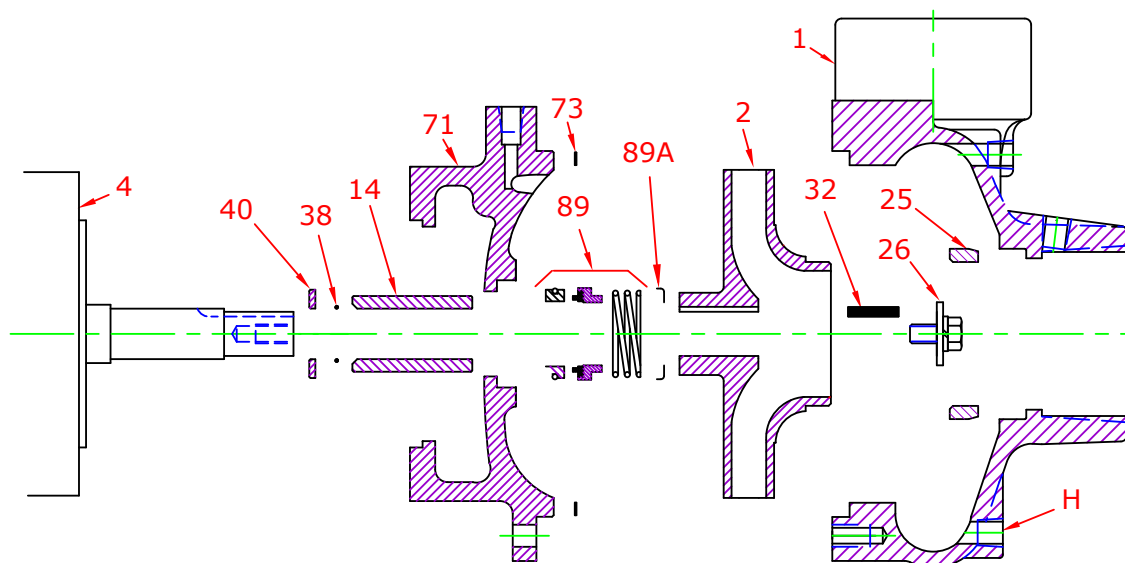




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Iron, 60 Hz, 3 X 2.5 X 6.5 NPT

**53 JM****Construction Options****Construction Options**

| Key | Part Name                      | Standard Fitted | Bronze Fitted | All Iron     |
|-----|--------------------------------|-----------------|---------------|--------------|
| 1   | Case                           | Iron            | Iron          | Iron         |
| 2   | Impeller                       | Iron            | Bronze        | Iron         |
| 14  | Shaft Sleeve                   | Bronze          | Bronze        | Stainless    |
| 25  | Wear Ring                      | Bronze          | Bronze        | Steel        |
| 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                   | Fiber           | Fiber         | Fiber        |
| 89  | Mechanical Seal, Type 21 BN-CM | Standard        | Standard      | Standard     |
| 89A | Seal Retainer                  | Stainless       | Stainless     | Stainless    |
| H   | Plug, Drain                    | Brass           | Brass         | Plated Steel |