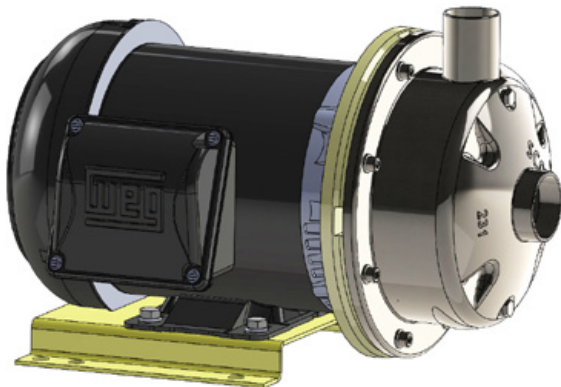




A WILO BRAND

# MOTORPUMP™ — 3500 RPM

## 304SS, 60 Hz, 1.25 X 1 X 6.3 NPT

**331 J56**

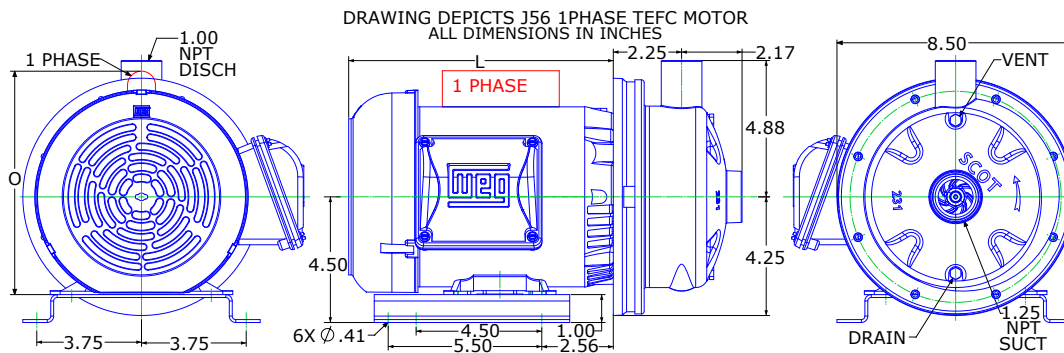
\*Pump to be installed only in the horizontal position as shown.



Drinking Water  
System Component  
NSF/ANSI 61  
ALSO CLFD IN  
ACCORDANCE WITH  
NSF/ANSI 372

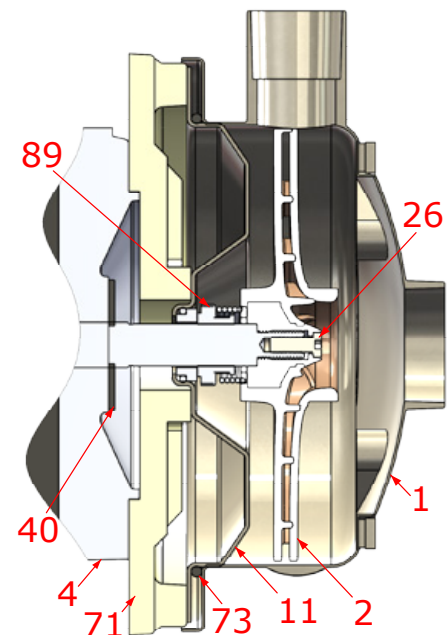
| Motor Dimensions<br>NEMA J56 Frame 3500 RPM |      |         |      |      |         |      |      |
|---------------------------------------------|------|---------|------|------|---------|------|------|
| HP                                          | Type | 3 Phase |      |      | 1 Phase |      |      |
|                                             |      | L       | O    | AB   | L       | O    | AB   |
| 0.5                                         | ODP  | 8.26    | 6.46 | 3.32 | 9.06    | 8.37 | 3.25 |
| 0.75                                        | ODP  | 8.65    | 6.46 | 3.32 | 9.56    | 8.37 | 3.25 |
| 1.0                                         | ODP  | 8.65    | 6.46 | 3.32 | 9.81    | 8.37 | 3.25 |
| 1.5                                         | ODP  | 9.04    | 6.46 | 3.32 | 10.31   | 8.37 | 3.25 |
| 2.0                                         | ODP  | 9.44    | 6.46 | 3.32 | 10.31   | 8.37 | 3.25 |
| 3.0                                         | ODP  | 10.22   | 6.46 | 3.32 | 10.84   | 8.37 | 3.25 |
| 5.0                                         | ODP  | 11.37   | 6.50 | 3.25 | -       | -    | -    |
| 0.5, 0.75                                   | TEFC | 9.48    | 7.33 | 5.87 | 9.43    | 8.10 | 5.31 |
| 1.0                                         | TEFC | 10.27   | 7.33 | 5.87 | 10.59   | 8.10 | 5.31 |
| 1.5                                         | TEFC | 11.06   | 7.33 | 5.87 | 10.59   | 8.10 | 5.31 |
| 2.0                                         | TEFC | 11.85   | 7.33 | 5.87 | 11.77   | 8.10 | 5.31 |
| 3.0                                         | TEFC | 13.03   | 7.33 | 5.87 | 12.16   | 8.10 | 5.31 |
| 5.0                                         | TEFC | 15.37   | 9.22 | 6.70 | -       | -    | -    |

5HP 1ph not available. 5HP TEFC has 4.50" rigid base and does not require sub-base. Motors are Standard Efficient with the exception of 5HP ODP and 2-5HP 3 phase TEFC, which are Premium Efficient.



### Construction Options

| Key | Part Name                      | Standard Fitted |
|-----|--------------------------------|-----------------|
| 1   | Case                           | 304SS           |
| 2   | Impeller                       | PPS GF          |
| 11  | Cover                          | 304SS           |
| 26  | Cap screw, Retainer            | 304SS           |
| 40  | Flinger                        | Neoprene        |
| 53  | Base                           | Steel           |
| 71  | Motor Disc                     | Cast Iron       |
| 73  | Gasket, Case                   | Buna            |
| 89  | Mech Seal, Type 21 BN-CARB/SIL | Standard        |





A WILO BRAND

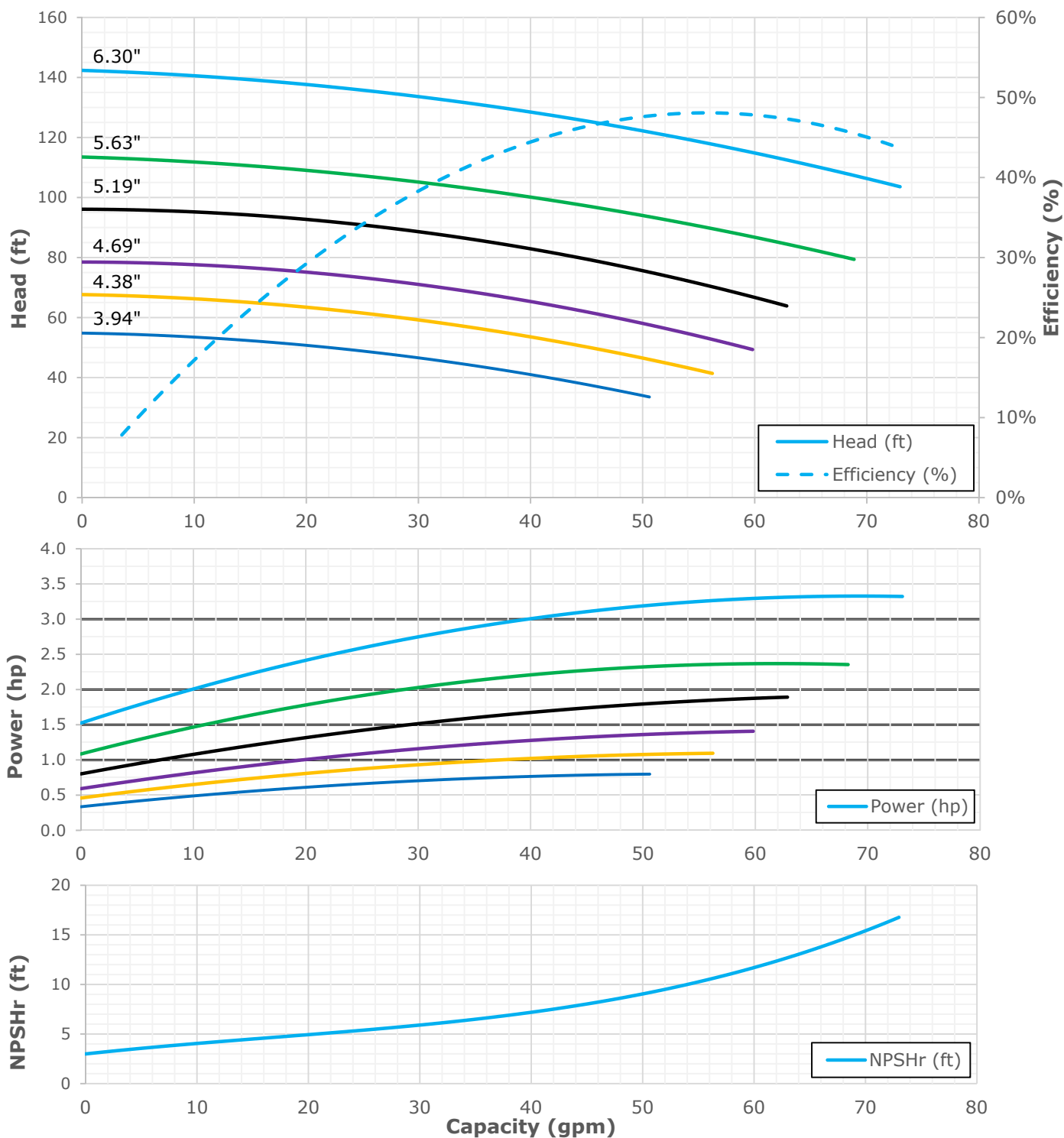
# MOTORPUMP™ — 3500 RPM

## 304SS, 60 Hz, 1.25 X 1 X 6.3 NPT

**331 J56**

### Performance Curve

|                    |                   |           |                     |          |                        |
|--------------------|-------------------|-----------|---------------------|----------|------------------------|
| Performance Curve  | Pump <b>331</b>   | 1.00 S.G. | Imp. Type: Enclosed | 3500 RPM | Max Sphere: 3/32"      |
| Number: 40.000.783 | 1.25 X 1.0 X 6.30 | 70.0 °F   | 2/20/2020           | 60 Hz    | PEI <sub>CL</sub> 0.98 |





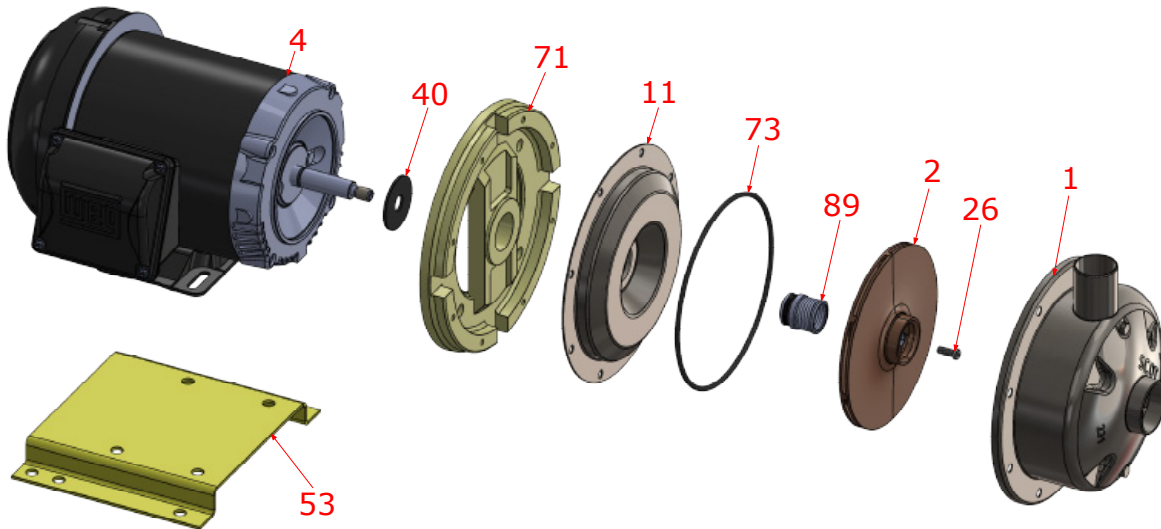
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# MOTORPUMP™ — 3500 RPM

## 304SS, 60 Hz, 1.25 X 1 X 6.3 NPT

# 331 J56

## Parts



| Key  | Part Name                                     | Part Number  |                |
|------|-----------------------------------------------|--------------|----------------|
| 1    | Case 331, Stainless, 1.25 X 1.00 NPT          | 137.001.053  |                |
| 2    | Impeller 330/331, PPS-GF, 7/16" Threaded:     |              |                |
|      | Specify diameter                              | 3301119      |                |
|      | 3.50"                                         | 3301214      |                |
|      | 3.75"                                         | 3301213      |                |
|      | 3.94"                                         | 3301206      |                |
|      | 4.19"                                         | 3301212      |                |
|      | 4.25"                                         | 3301211      |                |
|      | 4.38"                                         | 3301205      |                |
|      | 4.68"                                         | 3301204      |                |
|      | 4.75"                                         | 3301203      |                |
|      | 5.06"                                         | 3301202      |                |
|      | 5.19"                                         | 3301223      |                |
|      | 5.31"                                         | 3301201      |                |
|      | 5.56"                                         | 3301199      |                |
|      | 5.63"                                         | 3301200      |                |
|      | 6.06"                                         | 3301198      |                |
|      | 6.30"                                         | 3301119      |                |
| 4    | Motor chart, J56 3.5" Rigid Base              | See Chart    |                |
|      | Motor chart, J56 4.5" Rigid Base              | See Chart    |                |
| 26*+ | Retainer, Cap Screw                           | 137.003.152  |                |
| 40*  | Flinger, Neoprene                             | 104.000.171  |                |
| 53** | Base, Steel                                   | 137.001.130  |                |
| 71   | Motor Disc, Iron                              | 137.001.046  |                |
| 73*  | O-ring, Buna                                  | 137.001.121  |                |
| 89*  | Seal, 5/8", Type 21, BN-CARB/SIL w/retainer   | 137.003.140  |                |
|      | Seal, 5/8", Type 21, EPDM CARB/SIL w/retainer | 137.003.141  |                |
|      | Seal, 5/8", Type 21, VN-CARB/SIL w/retainer   | 137.003.142  |                |
|      | Seal, 5/8", Type 21, VN-SIL/SIL w/retainer    | 137.003.143  |                |
| KIT  |                                               | 3 Phase:     | 1 Phase:       |
|      | Repair Kit, 5/8" BN-CARB/SIL Seal             | 118.000.694  | 118.000.694.1  |
|      | Repair Kit, 5/8" EPDM-CARB/SIL Seal           | 118.000.694C | 118.000.694C.1 |
|      | Repair Kit, 5/8" VN-CARB/SIL Seal             | 118.000.694E | 118.000.694E.1 |
|      | Repair Kit, 5/8" VN-SIL/SIL Seal              | 118.000.694F | 118.000.694F.1 |

\* Denotes components included in repair kit.

+ Not required on 1 phase motors.

\*\* Not required on 4.50" rigid base motors



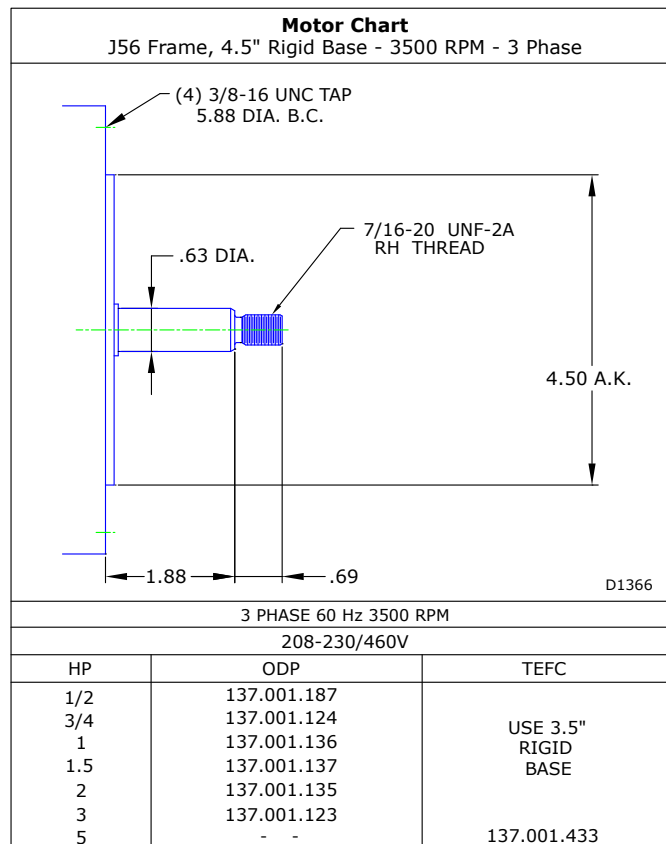
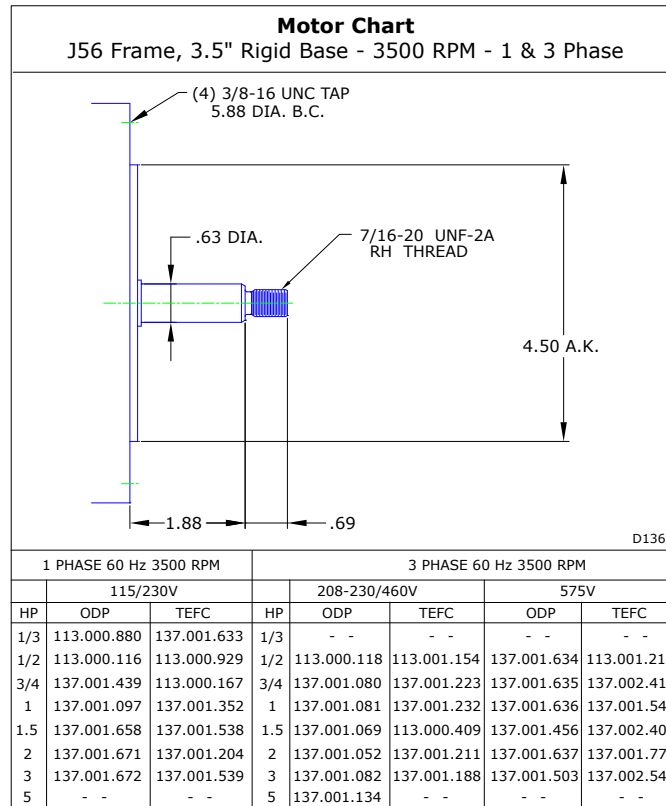
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# MOTORPUMP™ — 3500 RPM

## 304SS, 60 Hz, 1.25 X 1 X 6.3 NPT

# 331 J56

## Motor Charts

D1367  
D1366  
D20Scot Pump, A Wilo Brand  
+1-262-377-7000  
scot.sales@wilo.com