



A WILO BRAND

# MOTORPUMP™ — 3500 RPM

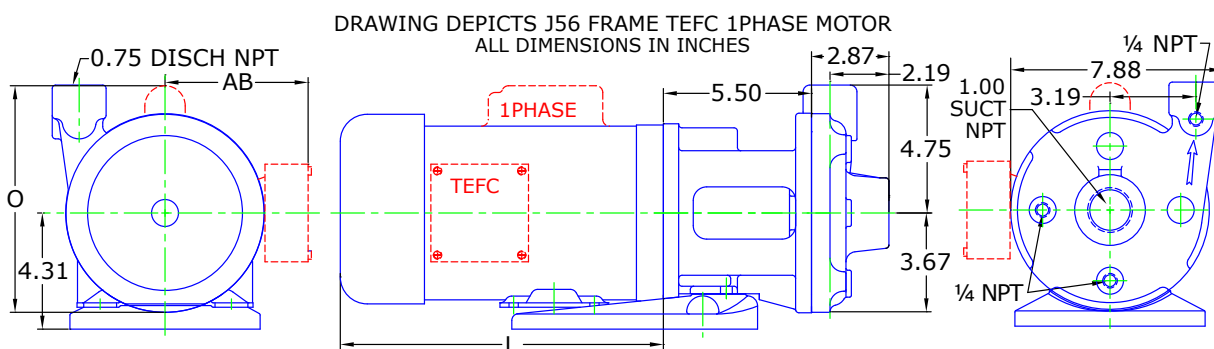
## 316SS, 60 Hz, 1 X 0.75 X 4.75 NPT

13S J56

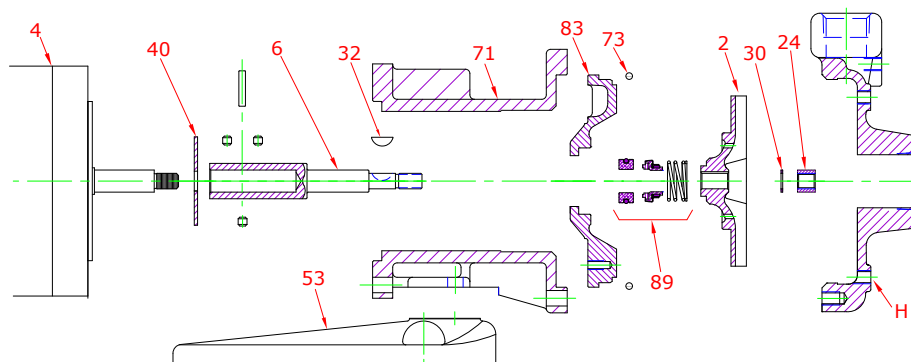


| Motor Dimensions        |      |         |      |      |         |      |      |
|-------------------------|------|---------|------|------|---------|------|------|
| NEMA J56 Frame 3500 RPM |      |         |      |      |         |      |      |
| HP                      | Type | 3 Phase |      |      | 1 Phase |      |      |
|                         |      | L       | O    | AB   | L       | O    | AB   |
| 0.50                    | TEFC | 9.48    | 7.33 | 5.87 | 9.43    | 8.10 | 5.31 |
| 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 |

Motors are Standard Efficient with the exception of the 1-2 HP 3 phase TEFC, which are Premium Efficient.



### Construction Options



| Key | Part Name                            | Standard Fitted |
|-----|--------------------------------------|-----------------|
| 1   | Case                                 | 316SS           |
| 2   | Impeller                             | 316SS           |
| 6   | Stub Shaft                           | 316SS           |
| 24  | Impeller Locknut                     | 316SS           |
| 30  | D-Washer                             | 316SS           |
| 32  | Key                                  | 316SS           |
| 40  | Flinger                              | Neoprene        |
| 53  | Base                                 | Iron            |
| 71  | Adapter                              | Iron            |
| 73  | Gasket, Case                         | Viton           |
| 83  | Backplate                            | 316SS           |
| 89  | Mechanical Seal, Type 21, VN-SIL/SIL | Standard        |
| H   | Plug, Drain                          | 316SS           |



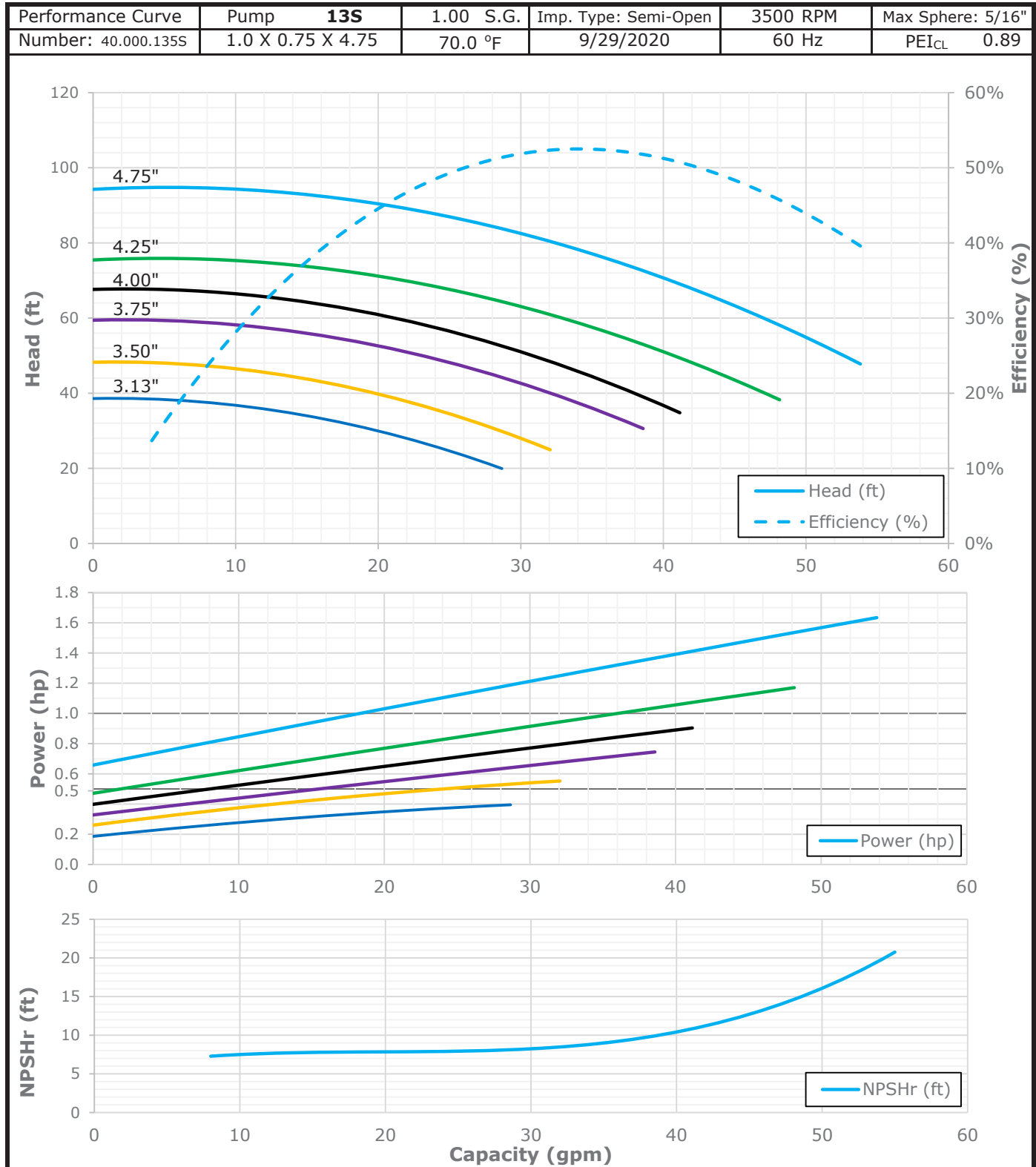
A WILO BRAND

# MOTORPUMP™ — 3500 RPM

316SS, 60 Hz, 1 X 0.75 X 4.75 NPT

**13S J56**

## Performance Curve





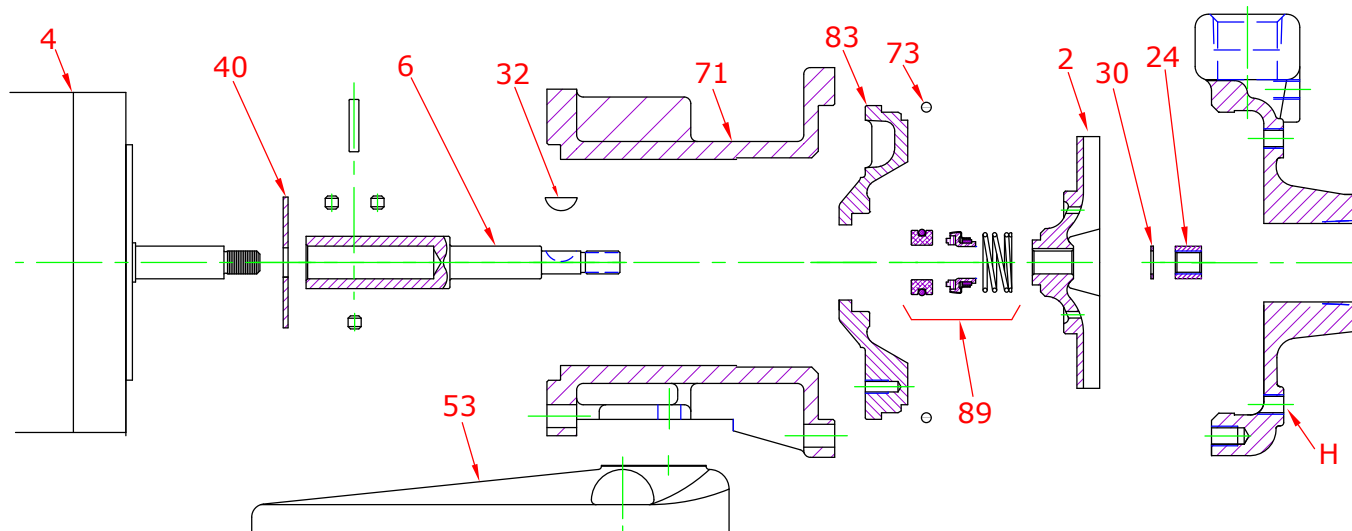
A WILO BRAND

# MOTORPUMP™ — 3500 RPM

## 316SS, 60 Hz, 1 X 0.75 X 4.75 NPT

**13S J56**

### Parts



| Key  | Part Name                                             | Part Number     |                 |
|------|-------------------------------------------------------|-----------------|-----------------|
| 1    | Case 13S, 316SS, 1.00 X 0.75 NPT Stn plugs            | 130.000.212X    |                 |
| 2    | Impeller 13S, 316SS, Specify Dia., 4.75 Max 7/16" Key | 137.000.105     |                 |
| 4    | Motor chart, J56 3.5" Rigid Base                      | See Chart       |                 |
| 6    | Stub Shaft Ass'y 316SS, includes set screws and pin   | 135.000.200X    |                 |
| 24*+ | Nut, 316SS                                            | 105.000.174A    |                 |
| 30*+ | Lock washer, 316SS                                    | 104.000.129A    |                 |
| 32   | Key, Woodruff, 316SS                                  | 102.000.101A    |                 |
| 40*  | Flinger, Neoprene                                     | 104.000.171     |                 |
| 53   | Base, Iron                                            | 110.000.121     |                 |
| 71   | Adapter, Iron, JP140/180                              | 132.000.120     |                 |
| 73*  | Gasket, Case, Viton                                   | 116.000.150     |                 |
| 83   | Backplate, 316 Stainless 5/8" Seal                    | 132.000.231     |                 |
| 89*  | Seal, 5/8", Type 21, VN-SIL/SIL, With retainer, 316SS | 101.000.239A    |                 |
| KIT  |                                                       | <b>3 Phase:</b> | <b>1 Phase:</b> |
|      | Repair Kit, 5/8" VN-SIL/SIL Seal, 316SS Stub          | 118.000.538C    | 118.000.538C.1  |

\* Denotes components included in repair kit.

+ Not required on 1/3 to 1-1/2 HP 1 phase motors.

Use 3 phase kits on 2-3 HP 1 phase motors.



A WILO BRAND

# MOTORPUMP™ — 3500 RPM

316SS, 60 Hz, 1 X 0.75 X 4.75 NPT

# 13S J56

## Motor Charts

