

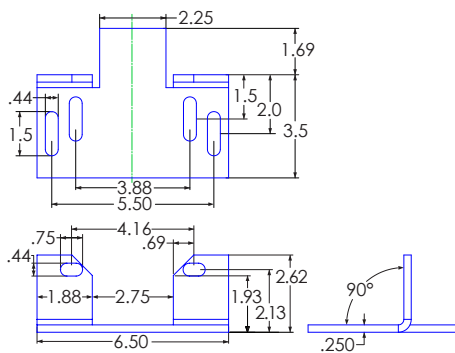


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# MOTORPUMP™ — 3500 RPM

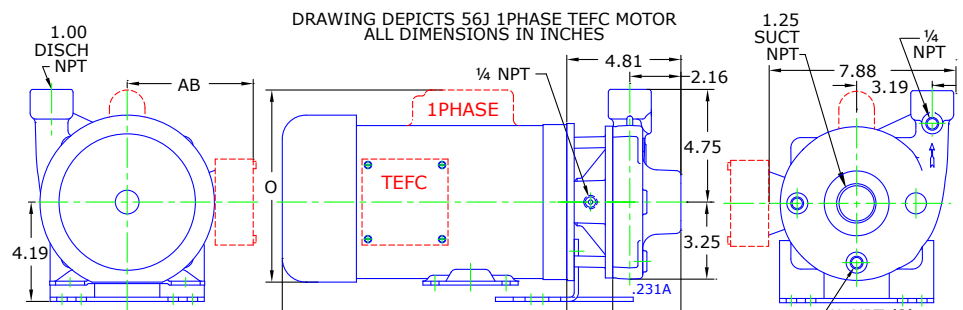
Iron, 60 Hz, 1.25 X 1 X 5.5 NPT

# 13 J56

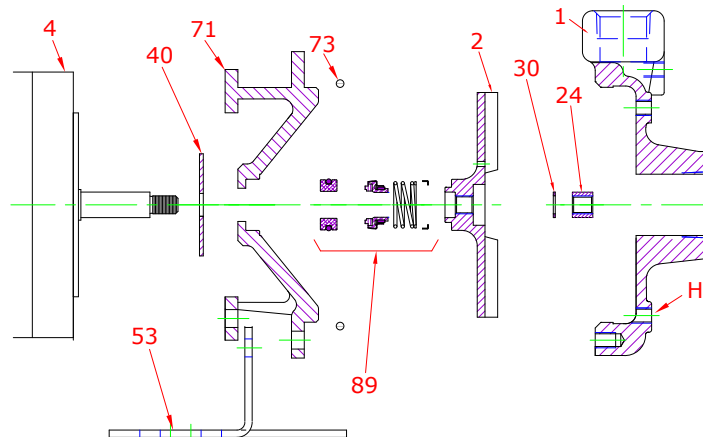


| Motor Dimensions<br>NEMA J56 Frame 3500 RPM |      |         |      |      |         |      |      |
|---------------------------------------------|------|---------|------|------|---------|------|------|
| HP                                          | Type | 3 Phase |      |      | 1 Phase |      |      |
|                                             |      | L       | O    | AB   | L       | O    | AB   |
| 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 |
| 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 | Bronze Fitted | All Iron     |
|-----|-------------------------------|-----------------|---------------|--------------|
| 1   | Case                          | Iron            | Iron          | Iron         |
| 2   | Impeller                      | Iron            | Bronze        | Iron         |
| 24  | Impeller Locknut              | Stainless       | Stainless     | Stainless    |
| 30  | D-Washer                      | Stainless       | Stainless     | Stainless    |
| 40  | Flinger                       | Neoprene        | Neoprene      | Neoprene     |
| 53  | Base                          | Steel           | Steel         | Steel        |
| 71  | Adapter                       | Iron            | Iron          | Iron         |
| 73  | Gasket, Case                  | Buna            | Buna          | Buna         |
| 89  | Mechanical Seal, Type 6 BN-CM | Standard        | Standard      | Standard     |
| H   | Plug, Drain                   | Brass           | Brass         | Plated Steel |

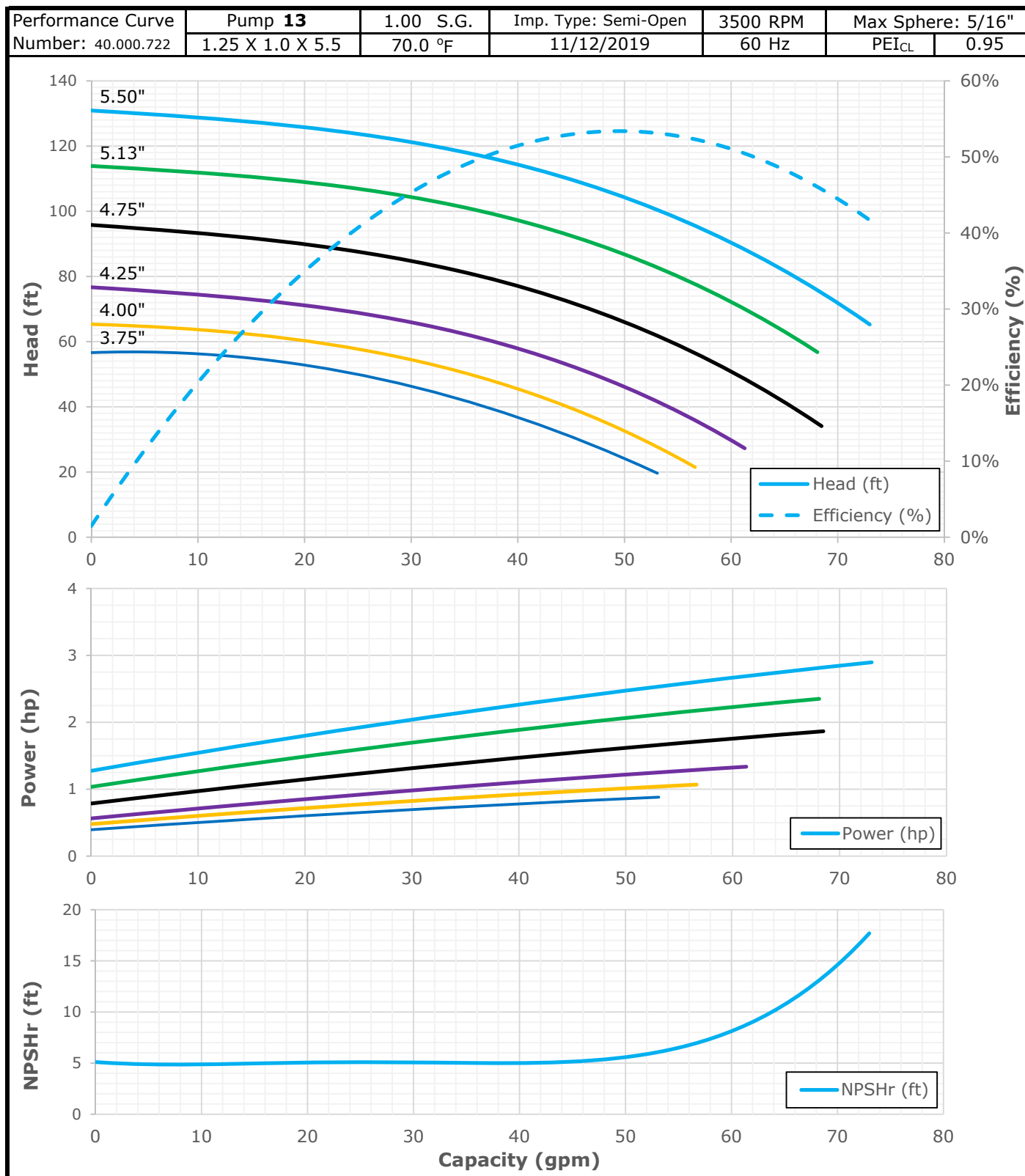


# MOTORPUMP™ — 3500 RPM

Iron, 60 Hz, 1.25 X 1 X 5.5 NPT

13 J56

## Performance Curve







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13 J56

## Motor Charts

| Motor Chart                                    |             |                                   |              |                        |                                   |      |             |
|------------------------------------------------|-------------|-----------------------------------|--------------|------------------------|-----------------------------------|------|-------------|
| J56 Frame, Round Body - 3500 RPM - 1 & 3 Phase |             |                                   |              |                        |                                   |      |             |
|                                                |             |                                   |              |                        |                                   |      |             |
| 1 PHASE 60 Hz 3500 RPM                         |             |                                   |              | 3 PHASE 60 Hz 3500 RPM |                                   |      |             |
| 115/230V                                       |             |                                   | 208-230/460V |                        |                                   | 575V |             |
| HP                                             | ODP         | TEFC                              | HP           | ODP                    | TEFC                              | ODP  | TEFC        |
| 1/3                                            | 113.000.101 | REPLACED<br>BY 3.5"<br>RIGID BASE | 1/3          | 113.000.365            | REPLACED<br>BY 3.5"<br>RIGID BASE | -    | -           |
| 1/2                                            | 113.000.102 |                                   | 1/2          | 113.000.366            |                                   | -    | 113.000.506 |
| 3/4                                            | 113.000.103 |                                   | 3/4          | 113.000.354            |                                   | -    | 113.000.502 |
| 1                                              | 113.000.104 |                                   | 1            | 113.000.372            |                                   | -    | 113.000.469 |
| 1.5                                            | 113.000.143 |                                   | 1.5          | 113.000.360            |                                   | -    | 113.000.411 |
| 2                                              | 113.000.348 |                                   | 2            | 113.000.349            |                                   | -    | 113.000.562 |
| 3                                              | 113.000.581 |                                   | 3            | 113.000.368            |                                   | -    | 113.001.347 |

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| Motor Chart                                         |             |             |              |                        |             |             |             |
|-----------------------------------------------------|-------------|-------------|--------------|------------------------|-------------|-------------|-------------|
| J56 Frame, 3.5" Rigid Base - 3500 RPM - 1 & 3 Phase |             |             |              |                        |             |             |             |
|                                                     |             |             |              |                        |             |             |             |
| 1 PHASE 60 Hz 3500 RPM                              |             |             |              | 3 PHASE 60 Hz 3500 RPM |             |             |             |
| 115/230V                                            |             |             | 208-230/460V |                        |             | 575V        |             |
| HP                                                  | ODP         | TEFC        | HP           | ODP                    | TEFC        | ODP         | TEFC        |
| 1/3                                                 | 113.000.880 | 137.001.633 | 1/3          | -                      | -           | -           | -           |
| 1/2                                                 | 113.000.116 | 113.000.929 | 1/2          | 113.000.118            | 113.001.154 | 137.001.634 | 113.001.211 |
| 3/4                                                 | 137.001.439 | 113.000.167 | 3/4          | 137.001.080            | 137.001.223 | 137.001.635 | 137.002.416 |
| 1                                                   | 137.001.097 | 137.001.352 | 1            | 137.001.081            | 137.001.232 | 137.001.636 | 137.001.548 |
| 1.5                                                 | 137.001.658 | 137.001.538 | 1.5          | 137.001.069            | 113.000.409 | 137.001.456 | 137.002.409 |
| 2                                                   | 137.001.671 | 137.001.204 | 2            | 137.001.052            | 137.001.211 | 137.001.637 | 137.001.774 |
| 3                                                   | 137.001.672 | 137.001.539 | 3            | 137.001.082            | 137.001.188 | 137.001.503 | 137.002.544 |
| 5                                                   | -           | -           | 5            | 137.001.134            | -           | -           | -           |

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