

# Submittal Data Sheet

Wilco NL-HE - Base Mounted End Suction Pumps

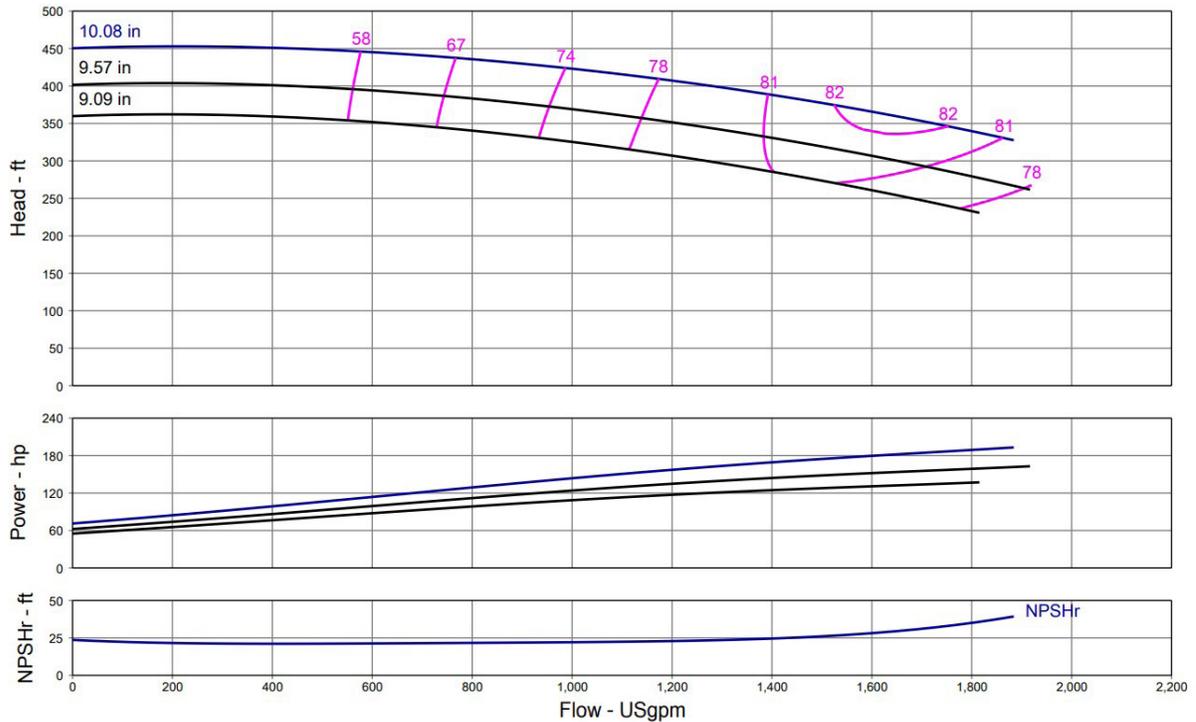


## NL-HE 5 x 4 x 10.1 (2 Pole)



|               |       |
|---------------|-------|
| Project:      |       |
| Engineer:     |       |
| Contractor:   |       |
| Submitted By: | Date: |
| Approved By:  | Date: |

| Tag # | Model #            | Flow (USGPM) | Head (Feet) | HP | Enclosure | Frame | Cycle | Phase | Voltage | RPM |
|-------|--------------------|--------------|-------------|----|-----------|-------|-------|-------|---------|-----|
|       | NL-HE 5 x 4 x 10.1 |              |             |    |           |       | 60Hz  | 3     |         |     |



| Technical Data  |  |
|---|--|
| <b>Approved Fluids</b>  |  |
| Heating Water   |  |
| Cooling and cold water  |  |
| <b>Pressure /Temperature Ratings</b>                                  |  |
| Ambient Temperature:  | +5 °F to +104 °F (-15 °C to +40 °C)  |
| Max Working Pressure & Temperature:                                   | 189 psi (up to 284 °F Fluid Temperature)<br>232 psi (up to 248 °F Fluid Temperature) |
| Water-Glycol Mixtures for 20-40% glycol and fluid temp ≤ 104°F (40°C) |  |

| Materials of Construction  |  |
|----------------------------|--|
| Pump Housing               | EN-GL-250 Gray Cast Iron               |
| Impeller                   | EN 1.4408 Cast Stainless Steel         |
| Impeller (optional)        | CC480K Bronze or EN-GJL 1030 Cast Iron |
| Pump Shaft                 | 1.4021 + QT700 Stainless Steel         |
| Mechanical Seal            | Carbon/silicon carbide/EPDM (E1)       |
| Other Mechanical Seals     | Avail. on request                      |
| Additional Spacer Coupling | Avail. on request                      |
| Other:                     |  |

Approval Stamp

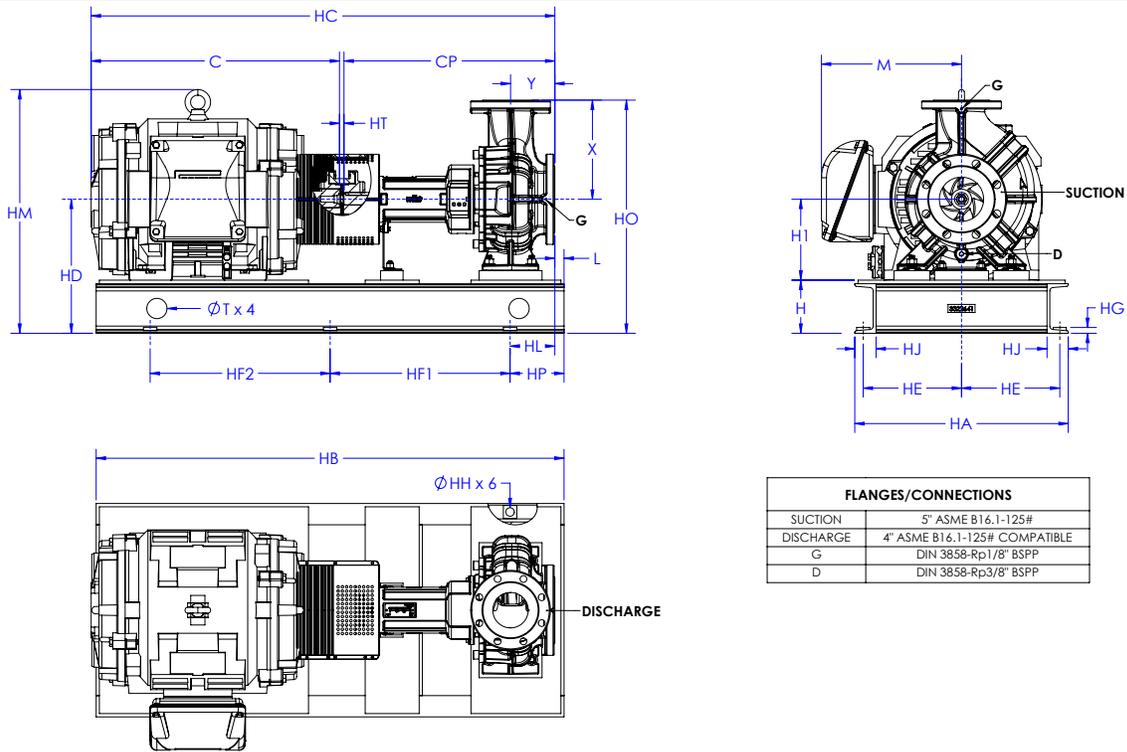
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## Wilo NL-HE - Base Mounted End Suction Pumps



### Dimensions & Weights

#### Wilo NL-HE



#### NL-HE 5 x 4 x 10.1

| Motor |      |         |             |      |      |      | Dimensions - Inches |      |      |      |      |      |      |      |      |     |     |     |      |      |      |      |     |     |     |     |     |      |      |      |          |
|-------|------|---------|-------------|------|------|------|---------------------|------|------|------|------|------|------|------|------|-----|-----|-----|------|------|------|------|-----|-----|-----|-----|-----|------|------|------|----------|
| HP    | ENCL | Frame   | Volt        | RPM  | EFF  | PF   | H                   | H1   | X    | HD   | HO   | HM   | M    | HA   | HE   | HG  | HJ  | Y   | HT   | HC   | C    | CP   | L   | HL  | T   | HH  | HP  | HF1  | HF2  | HB   | Wt. (lb) |
| 150   | ODP  | 404/5TS | 460         | 3552 | 94.1 | 0.88 | 6.0                 | 10.0 | 11.0 | 16.1 | 27.1 | 28.3 | 15.6 | 26.7 | 12.4 | 0.6 | 2.4 | 5.5 | 0.90 | 58.3 | 31.0 | 26.4 | 0.5 | 6.5 | 2.3 | 1.0 | 7.0 | 22.0 | 22.0 | 58.0 | 1493     |
| 150   | TEFC | 444/5TS | 208-230/460 | 3570 | 95   | 0.89 | 7.7                 | 11.0 | 11.0 | 18.8 | 29.9 | 30.6 | 18.6 | 30.5 | 14.2 | 0.7 | 2.8 | 5.5 | 0.50 | 68.3 | 41.4 | 26.4 | 1.0 | 7.0 | 3.0 | 1.1 | 8.0 | 28.0 | 28.0 | 72.0 | 2687     |
| 150   | ODP  | 404/5TS | 575         | 3552 | 94.1 | 0.88 | 6.0                 | 10.0 | 11.0 | 16.1 | 27.1 | 28.3 | 15.6 | 26.7 | 12.4 | 0.6 | 2.4 | 5.5 | 0.90 | 58.3 | 31.0 | 26.4 | 0.5 | 6.5 | 2.3 | 1.0 | 7.0 | 22.0 | 22.0 | 58.0 | 1492     |
| 150   | TEFC | 444/5TS | 575         | 3570 | 95   | 0.89 | 7.7                 | 11.0 | 11.0 | 18.8 | 29.9 | 30.6 | 18.6 | 30.5 | 14.2 | 0.7 | 2.8 | 5.5 | 0.50 | 68.3 | 41.4 | 26.4 | 1.0 | 7.0 | 3.0 | 1.1 | 8.0 | 28.0 | 28.0 | 72.0 | 2679     |
| 200   | ODP  | 444/5TS | 460         | 3570 | 95   | 0.88 | 6.1                 | 11.0 | 11.0 | 17.2 | 28.2 | 31.7 | 18.7 | 28.7 | 13.4 | 0.6 | 2.4 | 5.5 | 0.50 | 61.5 | 34.6 | 26.4 | 0.5 | 6.5 | 2.3 | 1.0 | 7.0 | 24.0 | 24.0 | 62.0 | 2000     |
| 200   | TEFC | 445/7TS | 208-230/460 | 3570 | 95.4 | 0.9  | 7.7                 | 11.0 | 11.0 | 18.8 | 29.9 | 35.4 | 20.6 | 30.5 | 14.2 | 0.7 | 2.8 | 5.5 | 0.50 | 71.8 | 44.9 | 26.4 | 1.4 | 6.6 | 3.0 | 1.1 | 8.0 | 27.0 | 27.0 | 70.0 | 3017     |
| 200   | ODP  | 444/5TS | 575         | 3570 | 95   | 0.88 | 6.1                 | 11.0 | 11.0 | 17.2 | 28.2 | 31.7 | 18.7 | 28.7 | 13.4 | 0.6 | 2.4 | 5.5 | 0.50 | 61.5 | 34.6 | 26.4 | 0.5 | 6.5 | 2.3 | 1.0 | 7.0 | 24.0 | 24.0 | 62.0 | 2000     |
| 200   | TEFC | 445/7TS | 575         | 3570 | 95.4 | 0.9  | 7.7                 | 11.0 | 11.0 | 18.8 | 29.9 | 35.4 | 20.6 | 30.5 | 14.2 | 0.7 | 2.8 | 5.5 | 0.50 | 71.8 | 44.9 | 26.4 | 1.4 | 6.6 | 3.0 | 1.1 | 8.0 | 27.0 | 27.0 | 70.0 | 2991     |