

Submittal Data Sheet

Wilco NL-HE - Base Mounted End Suction Pumps

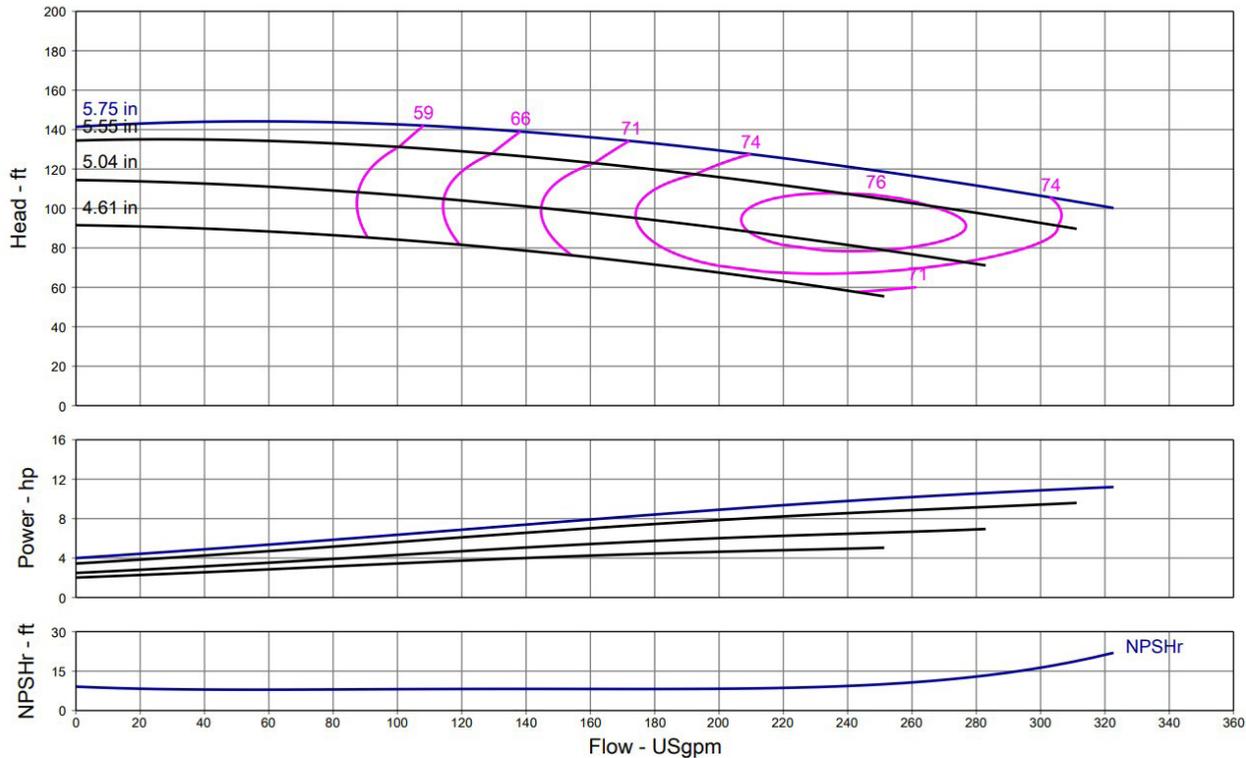


NL-HE 2.5 x 1.5 x 5 (2 Pole)



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

| Tag # | Model # | Flow (USGPM) | Head (Feet) | HP | Enclosure | Frame | Cycle | Phase | Voltage | RPM |
|-------|---------------------|--------------|-------------|----|-----------|-------|-------|-------|---------|-----|
| | NL-HE 2.5 x 1.5 x 5 | | | | | | 60Hz | 3 | | |



| Technical Data | |
|---|--|
| PEI | |
| 0.94 | |
| Approved Fluids | |
| Heating Water | |
| Cooling and cold water | |
| Pressure /Temperature Ratings | |
| Ambient Temperature: | +5 °F to +104 °F (-15 °C to +40 °C) |
| Max Working Pressure & Temperature: | 189 psi (up to 284 °F Fluid Temperature) 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

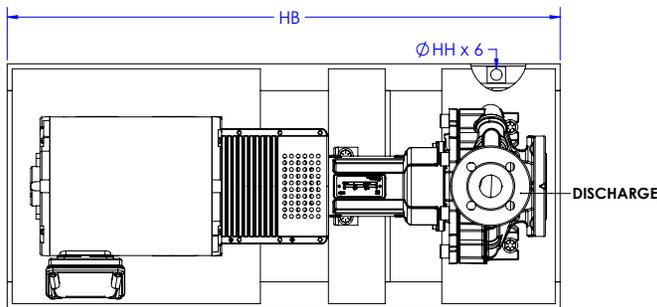
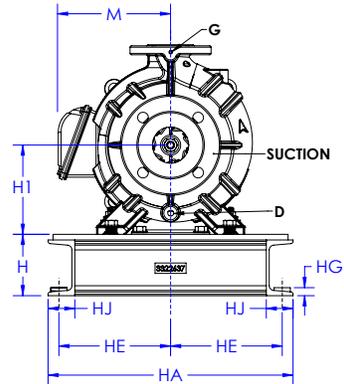
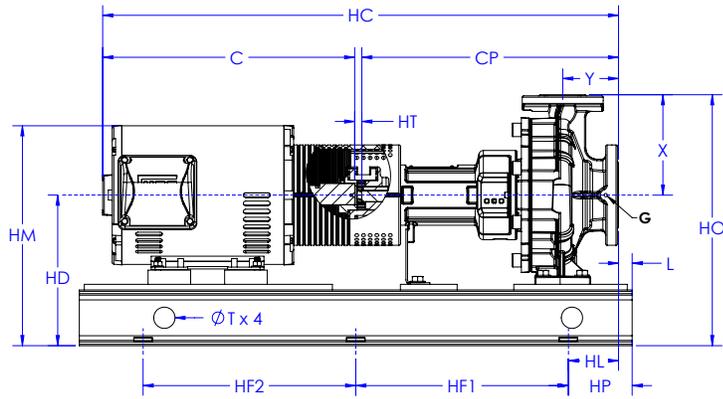
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Wilo NL-HE - Base Mounted End Suction Pumps



Dimensions & Weights

Wilo NL-HE



| FLANGES/CONNECTIONS | |
|---------------------|---------------------------------|
| SUCTION | 2.5" ASME B16.1-125# |
| DISCHARGE | 1.5" ASME B16.1-125# COMPATIBLE |
| G | DIN 3858-Rp1/8" BSPP |
| D | DIN 3858-Rp3/8" BSPP |

NL-HE 2.5 x 1.5 x 5

| Motor | | | | | | | | Dimensions - Inches | | | | | | | | | | | | | | | | | | | | Wt. (lb) | | | | |
|-------|-----|------|--------|-------------|------|------|------|---------------------|-----|-----|------|------|------|------|------|-----|-----|-----|-----|------|------|------|------|-----|-----|-----|-----|----------|------|------|------|-----|
| PEI | 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 |
| 0.94 | 7.5 | ODP | 182/4T | 208-230/460 | 3500 | 88.5 | 0.9 | 4.3 | 4.5 | 5.5 | 9.0 | 14.5 | 13.0 | 6.7 | 17.3 | 7.9 | 0.6 | 1.9 | 3.1 | 0.50 | 33.0 | 15.2 | 17.3 | 1.7 | 2.8 | 1.5 | 0.8 | 4.5 | 13.0 | 13.0 | 35.0 | 265 |
| 0.94 | 7.5 | TEFC | 182/4T | 208-230/460 | 3485 | 89.5 | 0.88 | 4.3 | 4.5 | 5.5 | 9.0 | 14.5 | 13.4 | 7.6 | 17.3 | 7.9 | 0.6 | 1.9 | 3.1 | 0.50 | 33.7 | 15.9 | 17.3 | 1.7 | 2.8 | 1.5 | 0.8 | 4.5 | 13.0 | 13.0 | 35.0 | 292 |
| 0.94 | 7.5 | ODP | 182/4T | 575 | 3500 | 88.5 | 0.9 | 4.3 | 4.5 | 5.5 | 9.0 | 14.5 | 13.0 | 6.7 | 17.3 | 7.9 | 0.6 | 1.9 | 3.1 | 0.50 | 33.0 | 15.2 | 17.3 | 1.7 | 2.8 | 1.5 | 0.8 | 4.5 | 13.0 | 13.0 | 35.0 | 265 |
| 0.94 | 7.5 | TEFC | 213/5T | 575 | 3520 | 89.5 | 0.88 | 4.3 | 5.2 | 5.5 | 9.7 | 15.2 | 15.3 | 8.6 | 17.3 | 7.9 | 0.6 | 1.9 | 3.1 | 0.69 | 37.5 | 19.5 | 17.3 | 1.7 | 2.8 | 1.5 | 0.8 | 4.5 | 15.0 | 15.0 | 39.0 | 366 |
| 0.94 | 10 | ODP | 213/5T | 208-230/460 | 3535 | 89.5 | 0.88 | 4.3 | 5.2 | 5.5 | 9.7 | 15.2 | 14.6 | 8.0 | 17.3 | 7.9 | 0.6 | 1.9 | 3.1 | 0.69 | 35.0 | 17.0 | 17.3 | 1.7 | 2.8 | 1.5 | 0.8 | 4.5 | 15.0 | 15.0 | 39.0 | 325 |
| 0.94 | 10 | TEFC | 213/5T | 208-230/460 | 3510 | 90.2 | 0.9 | 4.3 | 5.2 | 5.5 | 9.7 | 15.2 | 15.3 | 8.6 | 17.3 | 7.9 | 0.6 | 1.9 | 3.1 | 0.69 | 37.5 | 19.5 | 17.3 | 1.7 | 2.8 | 1.5 | 0.8 | 4.5 | 15.0 | 15.0 | 39.0 | 370 |
| 0.94 | 10 | ODP | 213/5T | 575 | 3535 | 89.5 | 0.88 | 4.3 | 5.2 | 5.5 | 9.7 | 15.2 | 14.6 | 8.0 | 17.3 | 7.9 | 0.6 | 1.9 | 3.1 | 0.69 | 35.0 | 17.0 | 17.3 | 1.7 | 2.8 | 1.5 | 0.8 | 4.5 | 15.0 | 15.0 | 39.0 | 325 |
| 0.94 | 10 | TEFC | 213/5T | 575 | 3510 | 90.2 | 0.9 | 4.3 | 5.2 | 5.5 | 9.7 | 15.2 | 15.3 | 8.6 | 17.3 | 7.9 | 0.6 | 1.9 | 3.1 | 0.69 | 37.5 | 19.5 | 17.3 | 1.7 | 2.8 | 1.5 | 0.8 | 4.5 | 15.0 | 15.0 | 39.0 | 368 |
| 0.94 | 15 | ODP | 213/5T | 208-230/460 | 3535 | 90.2 | 0.89 | 4.3 | 5.2 | 5.5 | 9.7 | 15.2 | 14.6 | 8.0 | 17.3 | 7.9 | 0.6 | 1.9 | 3.1 | 0.69 | 35.8 | 17.8 | 17.3 | 1.7 | 2.8 | 1.5 | 0.8 | 4.5 | 15.0 | 15.0 | 39.0 | 340 |
| 0.94 | 15 | TEFC | 254/6T | 208-230/460 | 3530 | 91 | 0.88 | 4.3 | 6.2 | 5.5 | 10.7 | 16.2 | 19.4 | 10.5 | 20.8 | 9.6 | 0.6 | 1.9 | 3.1 | 0.69 | 43.1 | 25.0 | 17.3 | 1.9 | 2.6 | 1.5 | 0.8 | 4.5 | 18.0 | 18.0 | 45.0 | 512 |
| 0.94 | 15 | ODP | 213/5T | 575 | 3535 | 90.2 | 0.89 | 4.3 | 5.2 | 5.5 | 9.7 | 15.2 | 14.6 | 8.0 | 17.3 | 7.9 | 0.6 | 1.9 | 3.1 | 0.69 | 35.8 | 17.8 | 17.3 | 1.7 | 2.8 | 1.5 | 0.8 | 4.5 | 15.0 | 15.0 | 39.0 | 339 |
| 0.94 | 15 | TEFC | 254/6T | 575 | 3530 | 91 | 0.88 | 4.3 | 6.2 | 5.5 | 10.7 | 16.2 | 19.4 | 10.5 | 20.8 | 9.6 | 0.6 | 1.9 | 3.1 | 0.69 | 43.1 | 25.0 | 17.3 | 1.9 | 2.6 | 1.5 | 0.8 | 4.5 | 18.0 | 18.0 | 45.0 | 511 |