

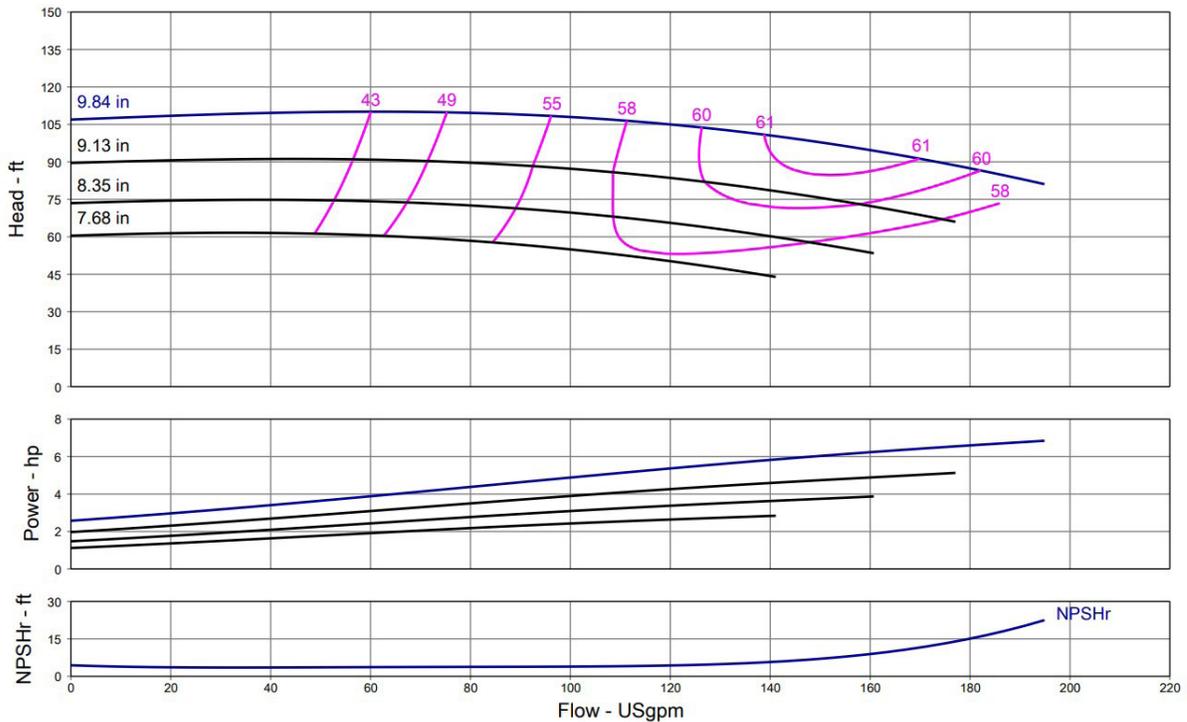
Submittal Data Sheet

Wilo NL-HE – Base Mounted End Suction Pumps



NL-HE 2.5 x 1.5 x 10 (4 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 10 | | | | | | 60Hz | 3 | | |



| Technical Data | |
|---|--|
| PEI | |
| 0.91 | |
| 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

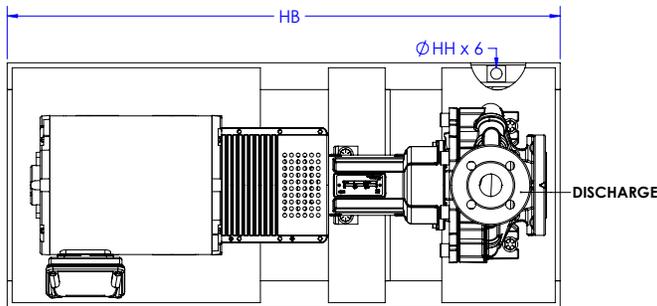
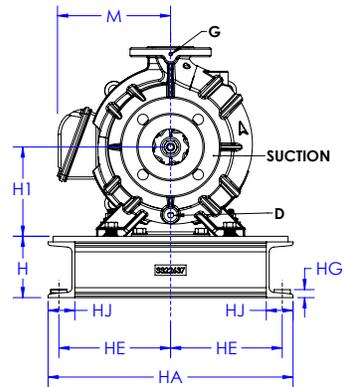
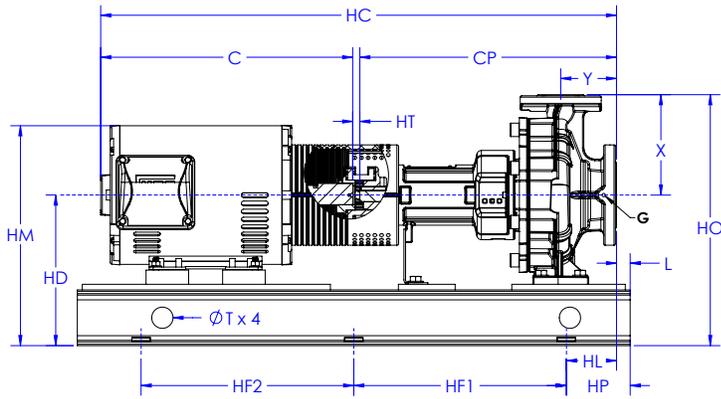
Submittal Data Sheet

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 10

| 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 |
| 0.9 | 3 | ODP | 182/4T | 208-230/460 | 1765 | 89.5 | 0.8 | 4.3 | 7.1 | 8.9 | 11.4 | 20.3 | 15.5 | 6.7 | 17.3 | 7.9 | 0.6 | 1.9 | 3.9 | 0.50 | 33.8 | 15.2 | 18.1 | 1.0 | 3.5 | 1.5 | 0.8 | 4.5 | 13.0 | 13.0 | 35.0 | 316 |
| 0.9 | 3 | TEFC | 182/4T | 208-230/460 | 1760 | 89.5 | 0.79 | 4.3 | 7.1 | 8.9 | 11.4 | 20.3 | 15.8 | 7.6 | 17.3 | 7.9 | 0.6 | 1.9 | 3.9 | 0.50 | 34.5 | 15.9 | 18.1 | 1.0 | 3.5 | 1.5 | 0.8 | 4.5 | 13.0 | 13.0 | 35.0 | 340 |
| 0.9 | 3 | ODP | 182/4T | 575 | 1765 | 89.5 | 0.8 | 4.3 | 7.1 | 8.9 | 11.4 | 20.3 | 15.5 | 6.7 | 17.3 | 7.9 | 0.6 | 1.9 | 3.9 | 0.50 | 33.8 | 15.2 | 18.1 | 1.0 | 3.5 | 1.5 | 0.8 | 4.5 | 13.0 | 13.0 | 35.0 | 315 |
| 0.9 | 3 | TEFC | 182/4T | 575 | 1760 | 89.5 | 0.79 | 4.3 | 7.1 | 8.9 | 11.4 | 20.3 | 15.8 | 7.6 | 17.3 | 7.9 | 0.6 | 1.9 | 3.9 | 0.50 | 34.5 | 15.9 | 18.1 | 1.0 | 3.5 | 1.5 | 0.8 | 4.5 | 13.0 | 13.0 | 35.0 | 338 |
| 0.9 | 5 | ODP | 182/4T | 208-230/460 | 1760 | 89.5 | 0.82 | 4.3 | 7.1 | 8.9 | 11.4 | 20.3 | 15.5 | 6.7 | 17.3 | 7.9 | 0.6 | 1.9 | 3.9 | 0.50 | 35.0 | 16.3 | 18.1 | 1.0 | 3.5 | 1.5 | 0.8 | 4.5 | 13.0 | 13.0 | 35.0 | 330 |
| 0.9 | 5 | TEFC | 182/4T | 208-230/460 | 1755 | 89.5 | 0.8 | 4.3 | 7.1 | 8.9 | 11.4 | 20.3 | 15.8 | 7.6 | 17.3 | 7.9 | 0.6 | 1.9 | 3.9 | 0.50 | 34.5 | 15.9 | 18.1 | 1.0 | 3.5 | 1.5 | 0.8 | 4.5 | 13.0 | 13.0 | 35.0 | 347 |
| 0.9 | 5 | ODP | 182/4T | 575 | 1760 | 89.5 | 0.82 | 4.3 | 7.1 | 8.9 | 11.4 | 20.3 | 15.5 | 6.7 | 17.3 | 7.9 | 0.6 | 1.9 | 3.9 | 0.50 | 35.0 | 16.3 | 18.1 | 1.0 | 3.5 | 1.5 | 0.8 | 4.5 | 13.0 | 13.0 | 35.0 | 329 |
| 0.9 | 5 | TEFC | 182/4T | 575 | 1755 | 89.5 | 0.8 | 4.3 | 7.1 | 8.9 | 11.4 | 20.3 | 15.8 | 7.6 | 17.3 | 7.9 | 0.6 | 1.9 | 3.9 | 0.50 | 34.5 | 15.9 | 18.1 | 1.0 | 3.5 | 1.5 | 0.8 | 4.5 | 13.0 | 13.0 | 35.0 | 345 |
| 0.9 | 7.5 | ODP | 213/5T | 208-230/460 | 1770 | 91 | 0.82 | 4.3 | 7.1 | 8.9 | 11.4 | 20.3 | 16.3 | 8.0 | 17.3 | 7.9 | 0.6 | 1.9 | 3.9 | 0.93 | 35.7 | 16.6 | 18.1 | 1.0 | 3.5 | 1.5 | 0.8 | 4.5 | 15.0 | 15.0 | 39.0 | 373 |
| 0.9 | 7.5 | TEFC | 213/5T | 208-230/460 | 1765 | 91.7 | 0.82 | 4.3 | 7.1 | 8.9 | 11.4 | 20.3 | 17.0 | 8.6 | 17.3 | 7.9 | 0.6 | 1.9 | 3.9 | 0.92 | 38.6 | 19.5 | 18.1 | 1.0 | 3.5 | 1.5 | 0.8 | 4.5 | 15.0 | 15.0 | 39.0 | 424 |
| 0.9 | 7.5 | ODP | 213/5T | 575 | 1770 | 91 | 0.82 | 4.3 | 7.1 | 8.9 | 11.4 | 20.3 | 16.3 | 8.0 | 17.3 | 7.9 | 0.6 | 1.9 | 3.9 | 0.93 | 35.7 | 16.6 | 18.1 | 1.0 | 3.5 | 1.5 | 0.8 | 4.5 | 15.0 | 15.0 | 39.0 | 373 |
| 0.9 | 7.5 | TEFC | 213/5T | 575 | 1765 | 91.7 | 0.82 | 4.3 | 7.1 | 8.9 | 11.4 | 20.3 | 17.0 | 8.6 | 17.3 | 7.9 | 0.6 | 1.9 | 3.9 | 0.92 | 38.6 | 19.5 | 18.1 | 1.0 | 3.5 | 1.5 | 0.8 | 4.5 | 15.0 | 15.0 | 39.0 | 423 |