

# Submittal Data Sheet

## Wilo NL - Base Mounted End Suction Pumps

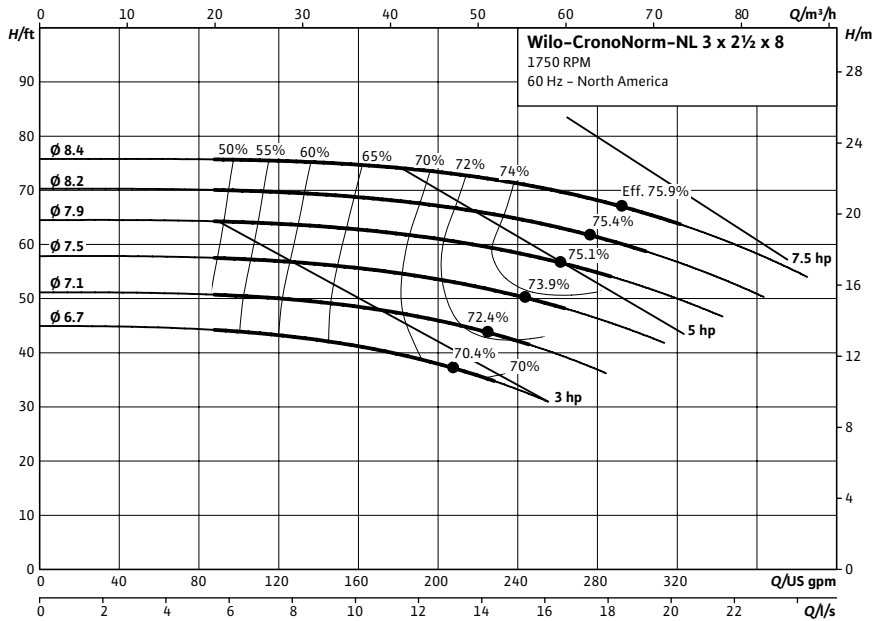


### NL 3 x 2½ x 8



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

| Tag # | Model #       | Flow (USGPM) | Head (Feet) | HP | Enclosure TEFC/ODP | Frame | Cycle | Phase | Voltage | RPM  |
|-------|---------------|--------------|-------------|----|--------------------|-------|-------|-------|---------|------|
|       | NL 3 x 2½ x 8 |              |             |    |                    |       | 60Hz  | 3     |         | 1750 |



#### Technical Data

##### Approved Fluids

Heating Water  
Cooling and cold water

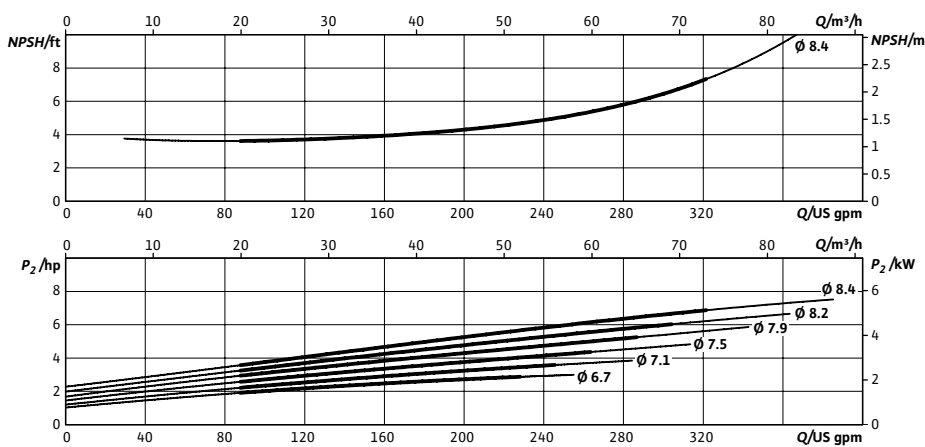
Water-Glycol mixtures (for 20-40% glycol and fluid temp ≤ 104°F (40°C))

##### Fluid Temperature

Mechanical Seal: 18°F to 250°F (-8°C to 120°C)  
Stuffing Box Packing: 32°F to 220°F (0°C to 105°C)

#### Materials of Construction

|                          |                            |                                  |
|--------------------------|----------------------------|----------------------------------|
| <input type="checkbox"/> | Pump Housing               | C.I. FG260                       |
| <input type="checkbox"/> | Impeller                   | Bronze LG2                       |
| <input type="checkbox"/> | Impeller (optional)        | C.I. FG260                       |
| <input type="checkbox"/> | Pump Shaft                 | SS AISI 420                      |
| <input type="checkbox"/> | Mechanical Seal            | Carbon/silicon carbide/EPDM (E1) |
| <input type="checkbox"/> | Other Mechanical Seals     | Avail. on request                |
| <input type="checkbox"/> | Additional Spacer Coupling | Avail. on request                |
| <input type="checkbox"/> | Other:                     |                                  |



Approval Stamp

# Submittal Data Sheet

Wilo NL – Base Mounted End Suction Pumps



## Dimensions & Weights

### Wilo NL



### NL 3 x 2½ x 8

Dimensions – Inches (mm)

| Frame | a             | A            | L              | L1             | L2            | L3             | L4             | L5             | X          | HD             | H2            | H3            | H4             | Hb           | B2             | B3             | B4             | n | S1            | S4          |
|-------|---------------|--------------|----------------|----------------|---------------|----------------|----------------|----------------|------------|----------------|---------------|---------------|----------------|--------------|----------------|----------------|----------------|---|---------------|-------------|
| 182T  | 3.94<br>(100) | 3.75<br>(95) | 36.69<br>(392) | 33.38<br>(848) | 5.94<br>(151) | 21.56<br>(548) | 34.25<br>(870) | 18.06<br>(459) | .5<br>(13) | 8.44<br>(214)  | 8.88<br>(226) | 9.44<br>(240) | 18.31<br>(465) | 2.38<br>(60) | 18.38<br>(467) | 16.69<br>(424) | 14.44<br>(367) | 4 | 6.75<br>(171) | .88<br>(22) |
| 184T  | 3.94<br>(100) | 3.75<br>(95) | 36.69<br>(392) | 33.38<br>(848) | 5.94<br>(151) | 21.56<br>(548) | 34.25<br>(870) | 18.06<br>(459) | .5<br>(13) | 8.44<br>(214)  | 8.88<br>(226) | 9.44<br>(240) | 18.31<br>(465) | 2.38<br>(60) | 18.38<br>(467) | 16.69<br>(424) | 14.44<br>(367) | 4 | 6.75<br>(171) | .88<br>(22) |
| 213T  | 3.94<br>(100) | 3.75<br>(95) | 39.13<br>(994) | 33.38<br>(848) | 5.94<br>(151) | 21.56<br>(548) | 34.25<br>(870) | 20.50<br>(521) | .5<br>(13) | 13.00<br>(330) | 8.88<br>(226) | 9.44<br>(240) | 18.31<br>(465) | 2.38<br>(60) | 18.38<br>(467) | 16.69<br>(424) | 14.44<br>(367) | 4 | 6.75<br>(171) | .88<br>(22) |
| 215T  | 3.94<br>(100) | 3.75<br>(95) | 39.13<br>(994) | 33.38<br>(848) | 5.94<br>(151) | 21.56<br>(548) | 34.25<br>(870) | 20.50<br>(521) | .5<br>(13) | 13.00<br>(330) | 8.88<br>(226) | 9.44<br>(240) | 18.31<br>(465) | 2.38<br>(60) | 18.38<br>(467) | 16.69<br>(424) | 14.44<br>(367) | 4 | 6.75<br>(171) | .88<br>(22) |

### Flange Dimensions – Suction Side

Dimensions – Inches (mm)

| DN S #125 | ØD            | Ød            | Øk            | b           | n | D2          |
|-----------|---------------|---------------|---------------|-------------|---|-------------|
| 3         | 7.50<br>(191) | 5.50<br>(140) | 6.00<br>(152) | .94<br>(24) | 4 | .75<br>(19) |

### Flange Dimensions – Discharge Side

Dimensions – Inches (mm)

| DN D 125# | ØD            | Ød            | Øk            | b           | n | D2          |
|-----------|---------------|---------------|---------------|-------------|---|-------------|
| 2½        | 7.00<br>(178) | 4.13<br>(105) | 5.50<br>(140) | .88<br>(22) | 4 | .75<br>(19) |

