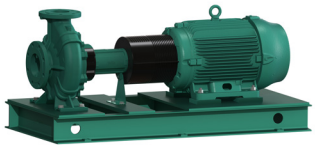
Submittal Data Sheet

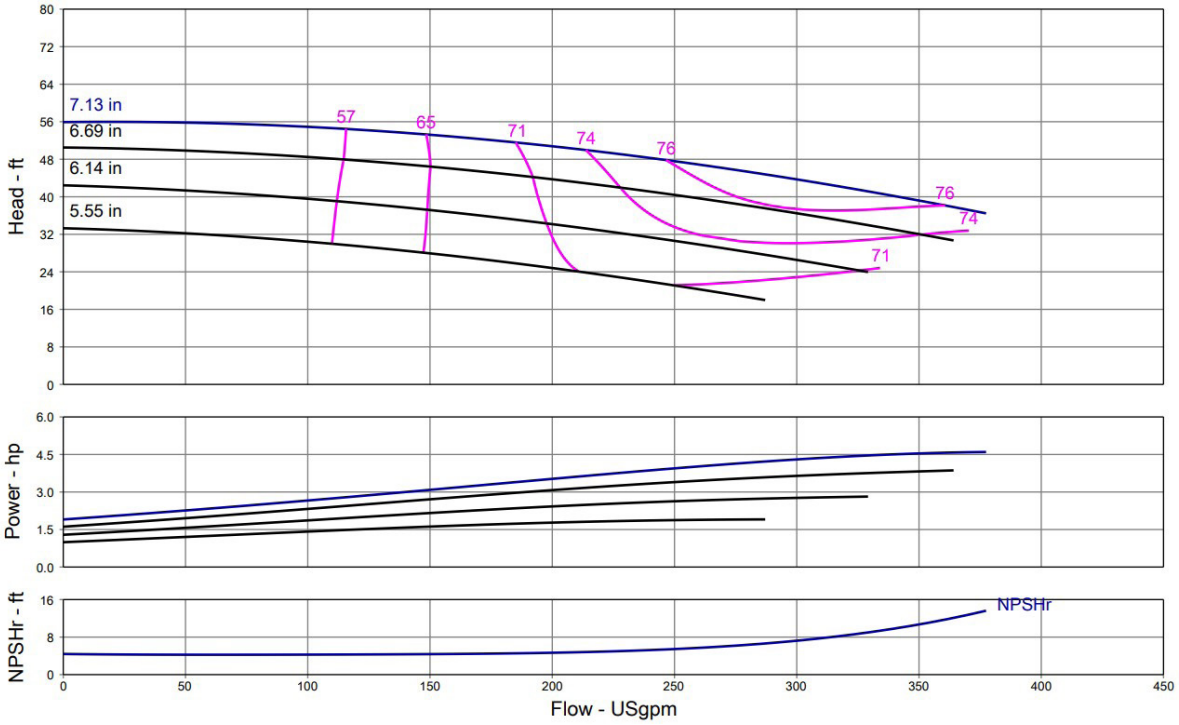
Wilo NL-HE – Base Mounted End Suction Pumps

NL-HE 3 x 2.5 x 6 (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 3 x 2.5 x 6						**60Hz**	**3**		



Technical Data

PEI	
0.98	
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:	

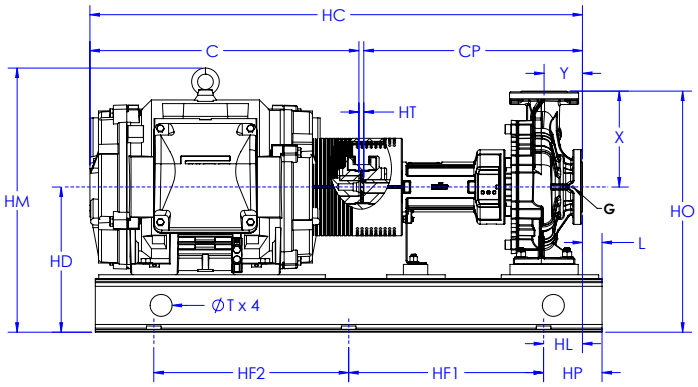
Approval Stamp

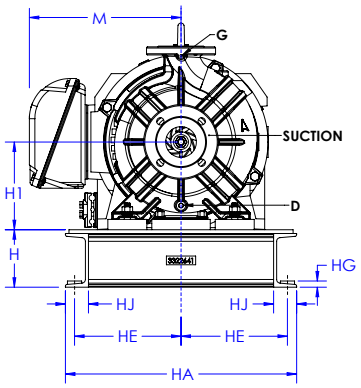
Submittal Data Sheet

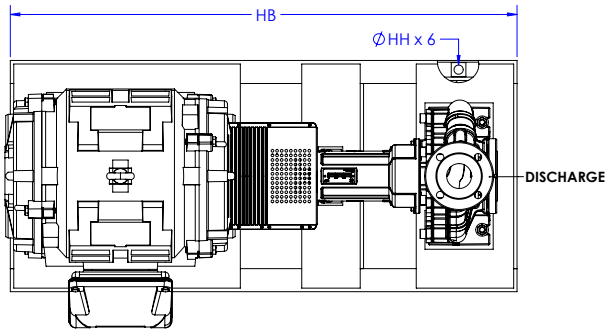
Wilo NL-HE - Base Mounted End Suction Pumps

Dimensions & Weights

Wilo NL-HE







FLANGES/CONNECTIONS	
SUCTION	3" ASME B16.1-125# COMPATIBLE
DISCHARGE	2.5" ASME B16.1-125# COMPATIBLE
G	DIN 3858-Rp1/8" BSPP
D	DIN 3858-Rp3/8" BSPP

NL-HE 3 x 2.5 x 6

Motor								Dimensions - Inches																						
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	Wt. (lb)
0.98	2	ODP	143/5T	208-230/460	1740	86.5	0.81	4.3	6.3	7.9	10.6	18.5	13.9	5.9	16.3	7.4	0.6	1.9	3.9	0.50	31.0	12.3	18.1	1.0	2.5	1.5	0.8	3.5	13.0	13.0	33.0	254
0.98	2	TEFC	143/5T	208-230/460	1755	86.5	0.79	4.3	6.3	7.9	10.6	18.5	14.3	5.9	16.3	7.4	0.6	1.9	3.9	0.50	32.0	13.4	18.1	1.0	2.5	1.5	0.8	3.5	13.0	13.0	33.0	265
0.98	2	ODP	143/5T	575	1740	86.5	0.81	4.3	6.3	7.9	10.6	18.5	13.9	5.9	16.3	7.4	0.6	1.9	3.9	0.50	31.0	12.3	18.1	1.0	2.5	1.5	0.8	3.5	13.0	13.0	33.0	254
0.98	2	TEFC	143/5T	575	1755	86.5	0.79	4.3	6.3	7.9	10.6	18.5	14.3	5.9	16.3	7.4	0.6	1.9	3.9	0.50	32.0	13.4	18.1	1.0	2.5	1.5	0.8	3.5	13.0	13.0	33.0	264
0.98	3	ODP	182/4T	208-230/460	1765	89.5	0.8	4.3	6.3	7.9	10.6	18.5	14.7	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	294
0.98	3	TEFC	182/4T	208-230/460	1760	89.5	0.79	4.3	6.3	7.9	10.6	18.5	15.0	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	318
0.98	3	ODP	182/4T	575	1765	89.5	0.8	4.3	6.3	7.9	10.6	18.5	14.7	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	294
0.98	3	TEFC	182/4T	575	1760	89.5	0.79	4.3	6.3	7.9	10.6	18.5	15.0	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	316
0.98	5	ODP	182/4T	208-230/460	1760	89.5	0.82	4.3	6.3	7.9	10.6	18.5	14.7	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	308
0.98	5	TEFC	182/4T	208-230/460	1755	89.5	0.8	4.3	6.3	7.9	10.6	18.5	15.0	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	326
0.98	5	ODP	182/4T	575	1760	89.5	0.82	4.3	6.3	7.9	10.6	18.5	14.7	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	308
0.98	5	TEFC	182/4T	575	1755	89.5	0.8	4.3	6.3	7.9	10.6	18.5	15.0	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	323