

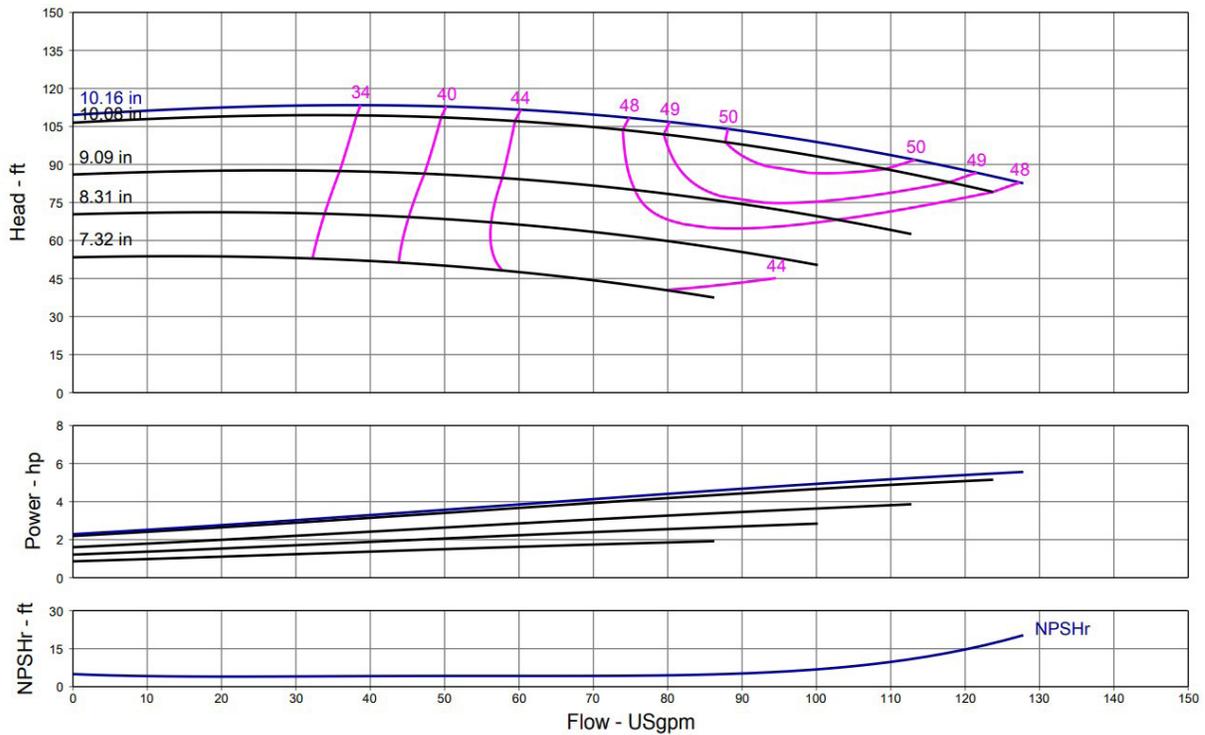
Submittal Data Sheet

Wilo NL-HE – Base Mounted End Suction Pumps



NL-HE 2 x 1.25 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 x 1.25 x 10						60Hz	3		



Technical Data	
PEI	
	0.83
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

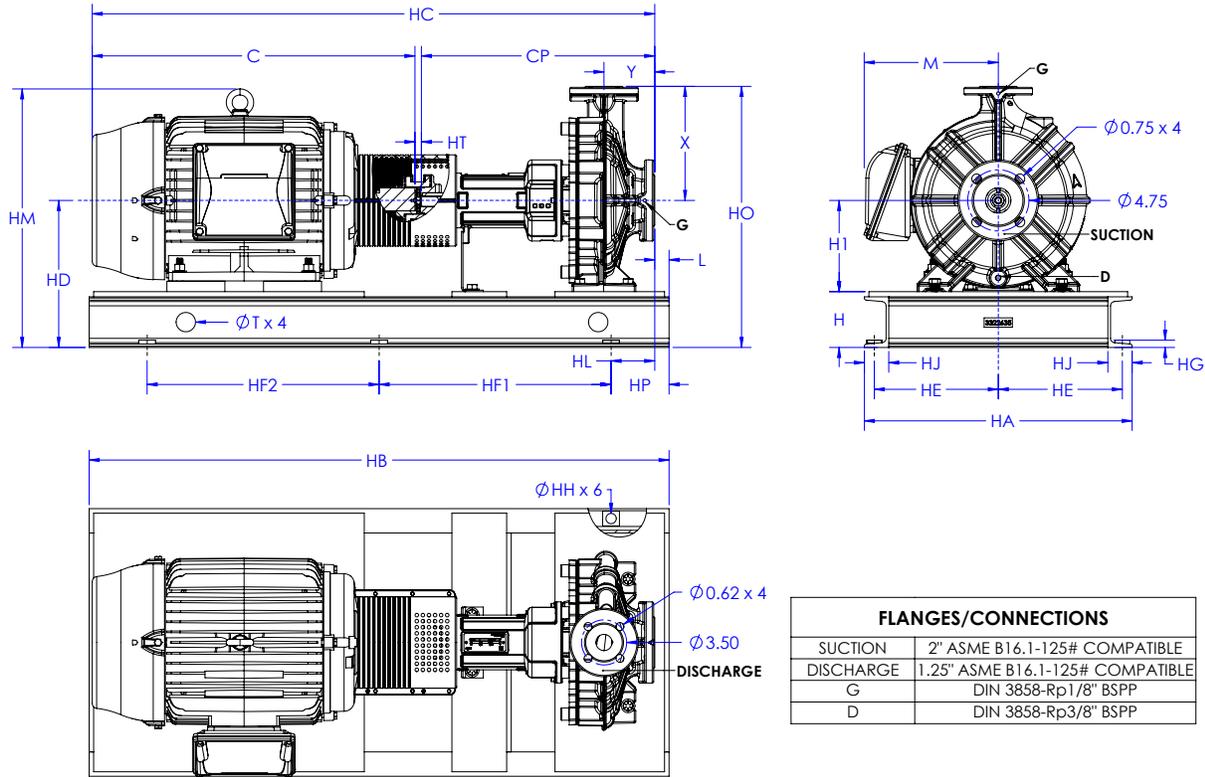
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Dimensions & Weights

Wilo NL-HE



NL-HE 2 x 1.25 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	2	ODP	143/5T	208-230/460	1740	86.5	0.81	4.3	7.1	8.9	11.4	20.3	14.6	5.9	17.3	7.9	0.6	1.9	3.9	0.50	31.0	12.3	18.1	1.0	3.5	1.5	0.8	4.5	13.0	13.0	35.0	284
0.9	2	TEFC	143/5T	208-230/460	1755	86.5	0.79	4.3	7.1	8.9	11.4	20.3	15.1	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	285
0.9	2	ODP	143/5T	575	1740	86.5	0.81	4.3	7.1	8.9	11.4	20.3	14.6	5.9	17.3	7.9	0.6	1.9	3.9	0.50	31.0	12.3	18.1	1.0	3.5	1.5	0.8	4.5	13.0	13.0	35.0	283
0.9	2	TEFC	143/5T	575	1755	86.5	0.79	4.3	7.1	8.9	11.4	20.3	15.1	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	284
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	314
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	338
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	314
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	336
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	328
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	346
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	327
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	343
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	371
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	422
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	371
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	421