

Submittal Data Sheet

Wilo NL-HE – Base Mounted End Suction Pumps

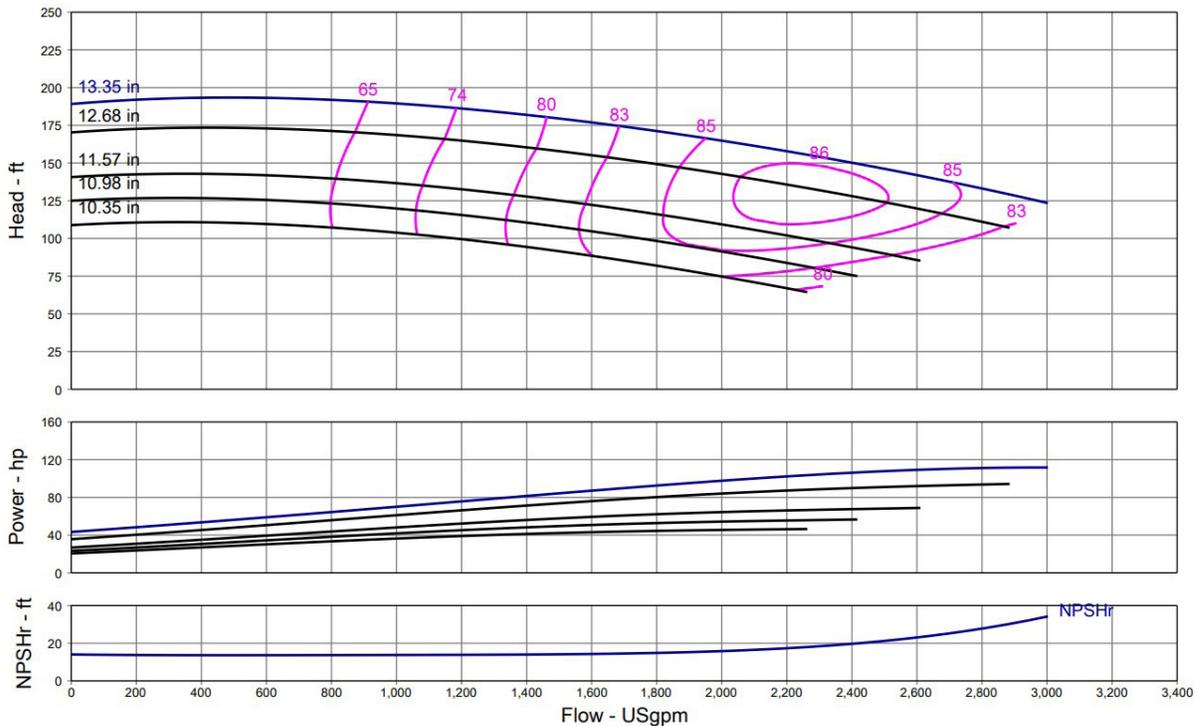


NL-HE 8 x 6 x 12 (4 Pole)



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

Tag #	Model #	Flow (USGPM)	Head (Feet)	HP	Enclosure	Frame	Cycle	Phase	Voltage	RPM
	NL-HE 8 x 6 x 12						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:	



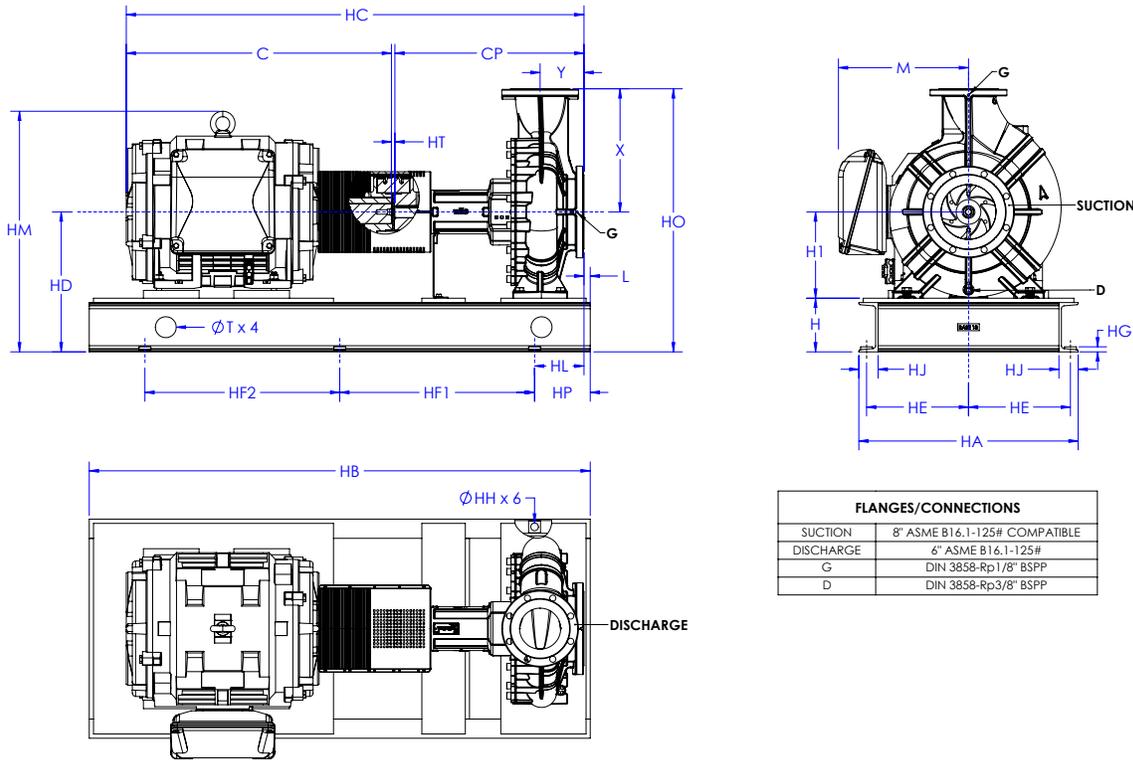
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Dimensions & Weights

Wilo NL-HE



FLANGES/CONNECTIONS	
SUCTION	8" ASME B16.1-125# COMPATIBLE
DISCHARGE	6" ASME B16.1-125#
G	DIN 3858-Rp1/8" BSPP
D	DIN 3858-Rp3/8" BSPP

NL-HE 8 x 6 x 12

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	50	ODP	324/6T	208-230/460	1775	94.5	0.84	6.0	11.0	15.7	17.0	32.8	26.7	13.4	27.7	12.9	0.6	2.4	6.3	0.50	55.0	27.3	27.2	0.4	5.6	2.3	1.0	6.0	22.0	22.0	56.0	1312
0.94	50	TEFC	324/6T	208-230/460	1775	94.5	0.83	6.0	11.0	15.7	17.0	32.8	27.4	12.6	27.7	12.9	0.6	2.4	6.3	0.50	58.8	31.1	27.2	0.5	6.5	2.3	1.0	7.0	24.0	24.0	62.0	1418
0.94	50	ODP	324/6T	575	1775	94.5	0.84	6.0	11.0	15.7	17.0	32.8	26.7	13.4	27.7	12.9	0.6	2.4	6.3	0.50	55.0	27.3	27.2	0.4	5.6	2.3	1.0	6.0	22.0	22.0	56.0	1309
0.94	50	TEFC	324/6T	575	1775	94.5	0.83	6.0	11.0	15.7	17.0	32.8	27.4	12.6	27.7	12.9	0.6	2.4	6.3	0.50	58.8	31.1	27.2	0.5	6.5	2.3	1.0	7.0	24.0	24.0	62.0	1415
0.94	60	ODP	364/5T	208-230/460	1780	95	0.85	6.0	11.0	15.7	17.0	32.8	29.2	15.6	27.7	12.9	0.6	2.4	6.3	0.50	57.3	29.7	27.2	0.4	5.6	2.3	1.0	6.0	22.0	22.0	56.0	1539
0.94	60	TEFC	364/5T	208-230/460	1780	95	0.83	6.0	11.0	15.7	17.0	32.8	26.0	16.0	27.7	12.9	0.6	2.4	6.3	0.50	62.1	34.5	27.2	0.5	6.5	2.3	1.0	7.0	24.0	24.0	62.0	1697
0.94	60	ODP	364/5T	575	1780	95	0.85	6.0	11.0	15.7	17.0	32.8	29.2	15.6	27.7	12.9	0.6	2.4	6.3	0.50	57.3	29.7	27.2	0.4	5.6	2.3	1.0	6.0	22.0	22.0	56.0	1536
0.94	60	TEFC	364/5T	575	1780	95	0.83	6.0	11.0	15.7	17.0	32.8	26.0	16.0	27.7	12.9	0.6	2.4	6.3	0.50	62.1	34.5	27.2	0.5	6.5	2.3	1.0	7.0	24.0	24.0	62.0	1690
0.94	75	ODP	364/5T	208-230/460	1780	95	0.85	6.0	11.0	15.7	17.0	32.8	29.2	15.6	27.7	12.9	0.6	2.4	6.3	0.50	57.3	29.7	27.2	0.4	5.6	2.3	1.0	6.0	22.0	22.0	56.0	1586
0.94	75	TEFC	364/5T	208-230/460	1780	95.4	0.83	6.0	11.0	15.7	17.0	32.8	26.0	16.0	27.7	12.9	0.6	2.4	6.3	0.50	62.1	34.5	27.2	0.5	6.5	2.3	1.0	7.0	24.0	24.0	62.0	1760
0.94	75	ODP	364/5T	575	1780	95	0.85	6.0	11.0	15.7	17.0	32.8	29.2	15.6	27.7	12.9	0.6	2.4	6.3	0.50	57.3	29.7	27.2	0.4	5.6	2.3	1.0	6.0	22.0	22.0	56.0	1583
0.94	75	TEFC	364/5T	575	1780	95.4	0.83	6.0	11.0	15.7	17.0	32.8	26.0	16.0	27.7	12.9	0.6	2.4	6.3	0.50	62.1	34.5	27.2	0.5	6.5	2.3	1.0	7.0	24.0	24.0	62.0	1756
0.94	100	ODP	404/5T	208-230/460	1780	95.4	0.86	6.0	11.0	15.7	17.0	32.8	29.2	15.6	27.7	12.9	0.6	2.4	6.3	0.50	61.8	34.1	27.2	0.5	6.5	2.3	1.0	7.0	24.0	24.0	62.0	1786
0.94	100	TEFC	404/5T	208-230/460	1780	95.4	0.87	7.7	11.0	15.7	18.7	34.5	28.3	16.0	31.5	14.7	0.7	2.8	6.3	0.50	67.4	39.7	27.2	0.9	7.1	3.0	1.1	8.0	28.0	28.0	72.0	2246
0.94	100	ODP	404/5T	575	1780	95.4	0.86	6.0	11.0	15.7	17.0	32.8	29.2	15.6	27.7	12.9	0.6	2.4	6.3	0.50	61.8	34.1	27.2	0.5	6.5	2.3	1.0	7.0	24.0	24.0	62.0	1780
0.94	100	TEFC	404/5T	575	1780	95.4	0.87	7.7	11.0	15.7	18.7	34.5	28.3	16.0	31.5	14.7	0.7	2.8	6.3	0.50	67.4	39.7	27.2	0.9	7.1	3.0	1.1	8.0	28.0	28.0	72.0	2239
0.94	125	ODP	404/5T	208-230/460	1780	95.4	0.86	6.0	11.0	15.7	17.0	32.8	29.2	15.6	27.7	12.9	0.6	2.4	6.3	0.50	61.8	34.1	27.2	0.5	6.5	2.3	1.0	7.0	24.0	24.0	62.0	1862
0.94	125	TEFC	444/5T	208-230/460	1780	95.4	0.85	7.7	11.0	15.7	18.9	34.6	30.6	18.6	31.5	14.7	0.7	2.8	6.3	1.40	73.7	45.1	27.2	0.9	7.1	3.0	1.1	8.0	28.0	28.0	72.0	2697
0.94	125	ODP	404/5T	575	1780	95.4	0.86	6.0	11.0	15.7	17.0	32.8	29.2	15.6	27.7	12.9	0.6	2.4	6.3	0.50	61.8	34.1	27.2	0.5	6.5	2.3	1.0	7.0	24.0	24.0	62.0	1857
0.94	125	TEFC	444/5T	575	1780	95.4	0.85	7.7	11.0	15.7	18.9	34.6	30.6	18.6	31.5	14.7	0.7	2.8	6.3	1.40	73.7	45.1	27.2	0.9	7.1	3.0	1.1	8.0	28.0	28.0	72.0	2693