

Submittal Data Sheet

Wilo NL-HE – Base Mounted End Suction Pumps

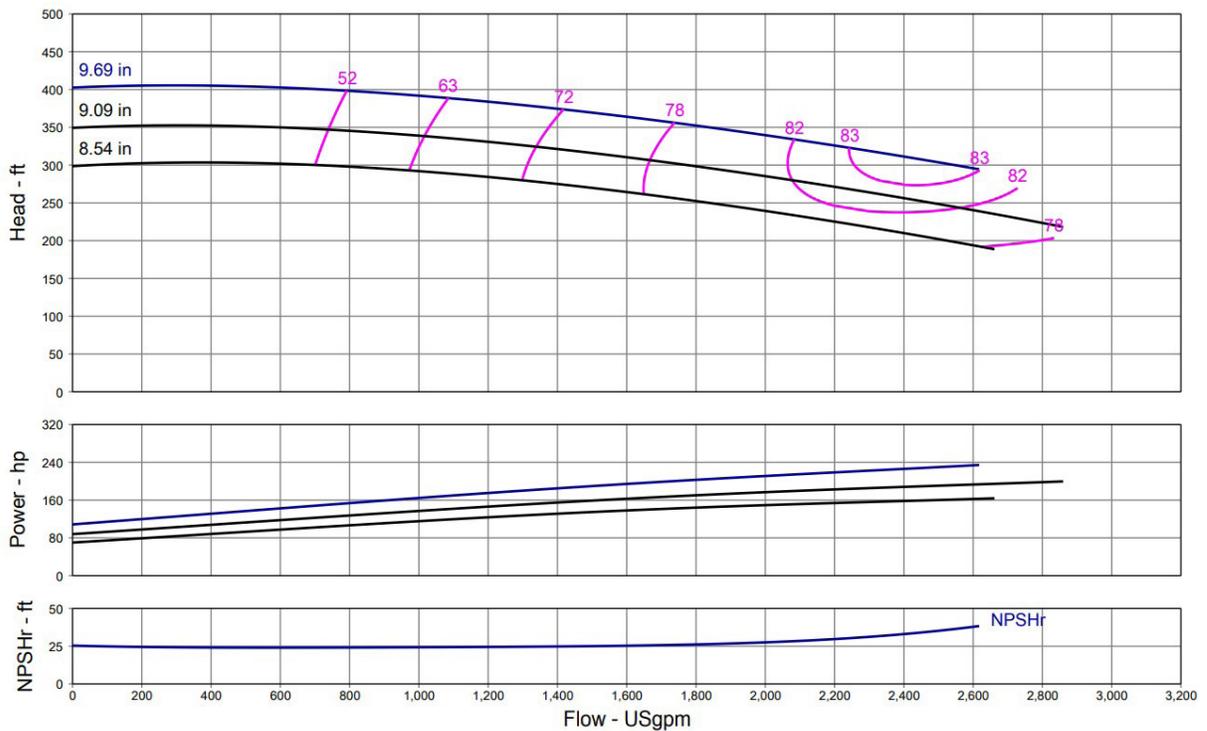


NL-HE 6 x 5 x 10.1 (2 Pole)



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

Tag #	Model #	Flow (USGPM)	Head (Feet)	HP	Enclosure	Frame	Cycle	Phase	Voltage	RPM
	NL-HE 6 x 5 x 10.1						60Hz	3		



Technical Data	
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

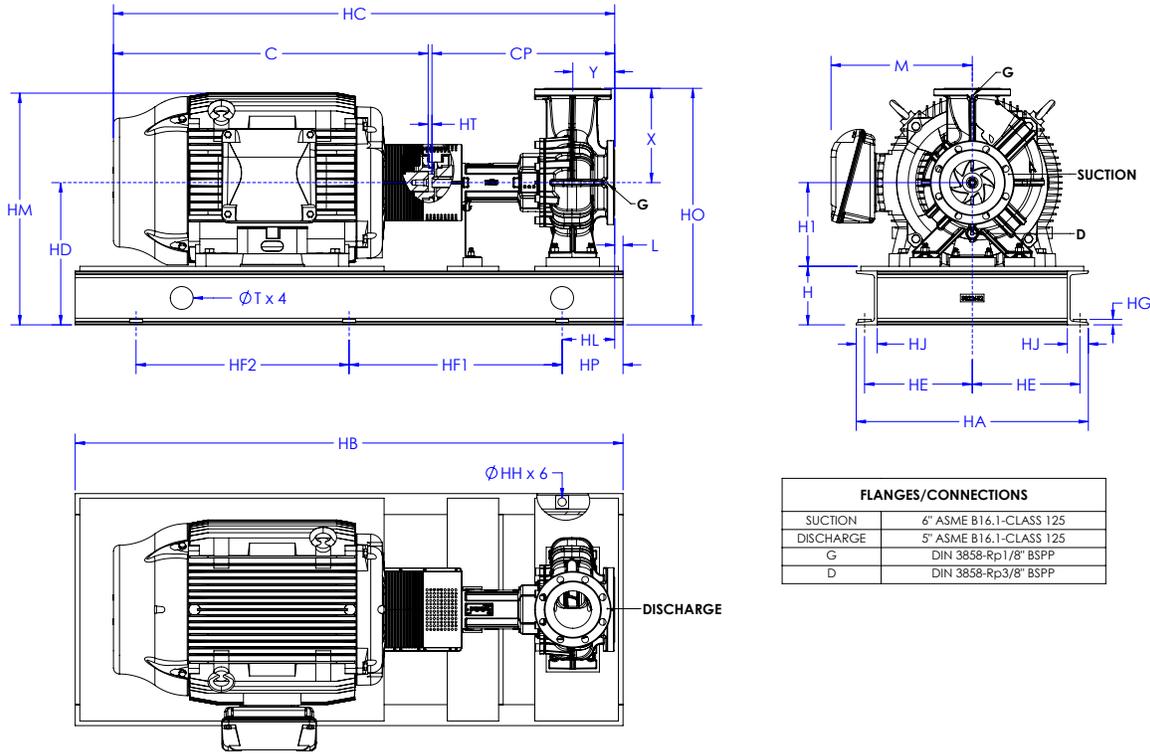
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Dimensions & Weights

Wilo NL-HE



FLANGES/CONNECTIONS	
SUCTION	6" ASME B16.1-CLASS 125
DISCHARGE	5" ASME B16.1-CLASS 125
G	DIN 3858-Rp1/8" BSPP
D	DIN 3858-Rp3/8" BSPP

NL-HE 6 x 5 x 10.1

Motor							Dimensions - Inches																									
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)	
200	ODP	444/5TS	460	3570	95	0.88	6.1	11.0	14.0	17.2	31.2	31.7	18.7	28.7	13.4	0.6	2.4	5.5	0.50	61.5	34.6	26.4	0.5	6.5	2.3	1.0	7.0	24.0	24.0	62.0	2026	
200	TEFC	445/7TS	208-230/460	3570	95.4	0.9	7.7	11.0	14.0	18.8	32.8	35.4	20.6	30.5	14.2	0.7	2.8	5.5	0.85	72.2	44.9	26.4	1.1	6.9	3.0	1.1	8.0	27.0	27.0	70.0	3019	
200	ODP	444/5TS	575	3570	95	0.88	6.1	11.0	14.0	17.2	31.2	31.7	18.7	28.7	13.4	0.6	2.4	5.5	0.50	61.5	34.6	26.4	0.5	6.5	2.3	1.0	7.0	24.0	24.0	62.0	2026	
200	TEFC	445/7TS	575	3570	95.4	0.9	7.7	11.0	14.0	18.8	32.8	35.4	20.6	30.5	14.2	0.7	2.8	5.5	0.85	72.2	44.9	26.4	1.1	6.9	3.0	1.1	8.0	27.0	27.0	70.0	2993	
250	ODP	444/5TS	460	3570	95	0.88	6.1	11.0	14.0	17.2	31.2	31.7	18.7	28.7	13.4	0.6	2.4	5.5	0.85	63.3	36.1	26.4	0.5	6.5	2.3	1.0	7.0	24.0	24.0	62.0	2112	
250	TEFC	445/7TS	460	3573	95.8	0.9	7.7	11.0	14.0	18.8	32.8	35.4	20.6	30.5	14.2	0.7	2.8	5.5	0.85	72.2	44.9	26.4	1.1	6.9	3.0	1.1	8.0	27.0	27.0	70.0	3256	
250	ODP	444/5TS	575	3570	95	0.88	6.1	11.0	14.0	17.2	31.2	31.7	18.7	28.7	13.4	0.6	2.4	5.5	0.85	63.3	36.1	26.4	0.5	6.5	2.3	1.0	7.0	24.0	24.0	62.0	2110	
250	TEFC	447/9TS	575	3573	95.8	0.9	7.7	11.0	14.0	18.8	32.8	35.4	20.6	30.5	14.2	0.7	2.8	5.5	0.85	79.8	52.6	26.4	1.1	7.9	3.0	1.1	9.0	31.0	31.0	80.0	3581	