

# Submittal Data Sheet

## Wilo NL-HE – Base Mounted End Suction Pumps

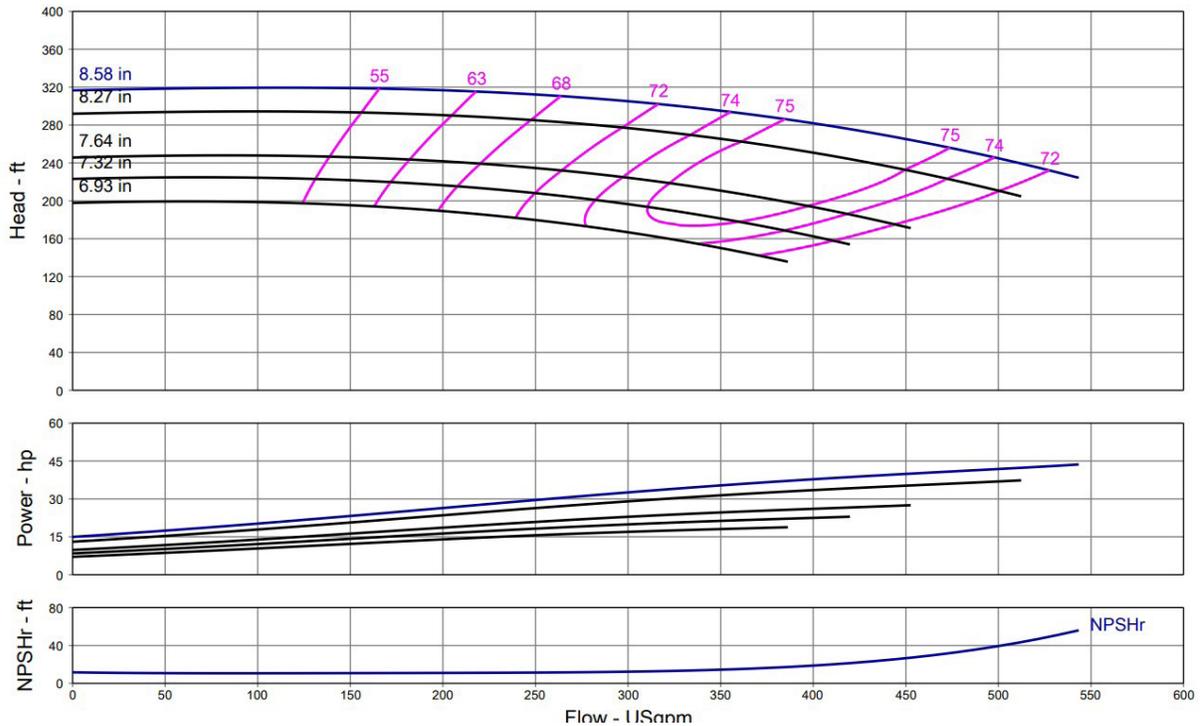


### NL-HE 2.5 x 2 x 8 (2 Pole)



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

Tag #	Model #	Flow (USGPM)	Head (Feet)	HP	Enclosure	Frame	Cycle	Phase	Voltage	RPM
	NL-HE 2.5 x 2 x 8						60Hz	3		



Technical Data	
PEI	
0.91	
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

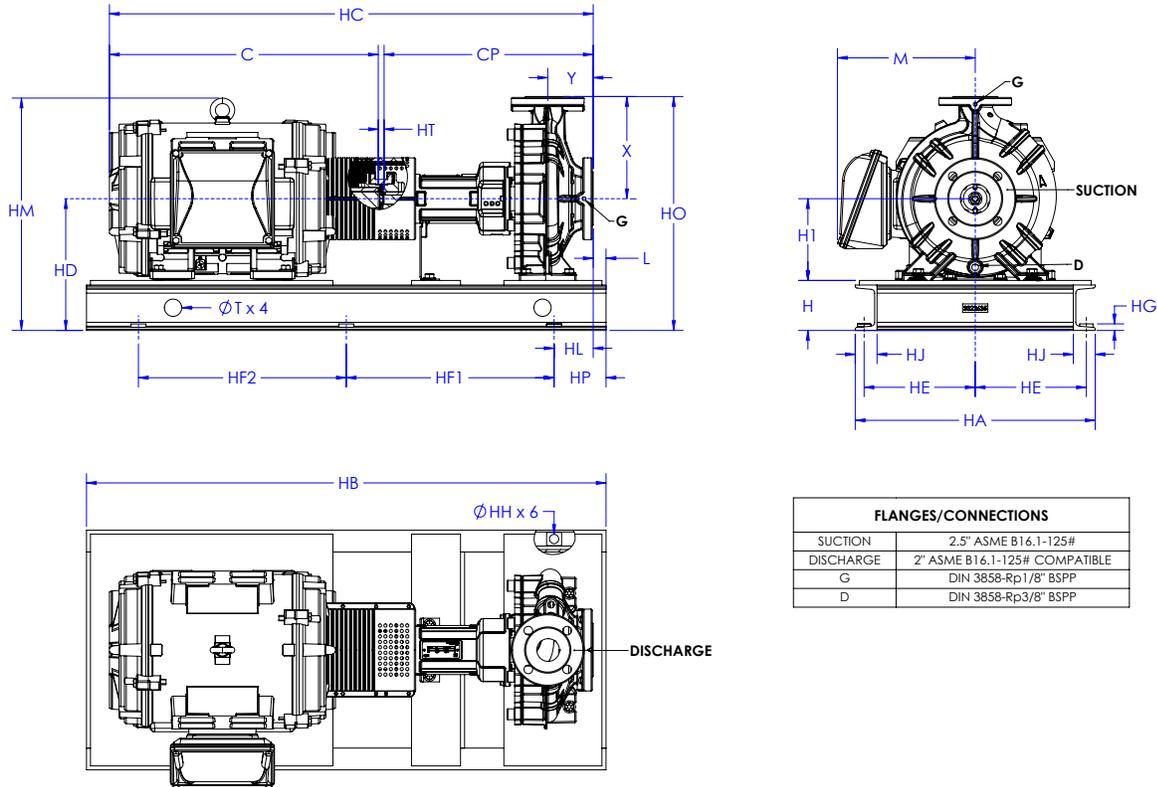
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## Wilo NL-HE - Base Mounted End Suction Pumps



### Dimensions & Weights

#### Wilo NL-HE



FLANGES/CONNECTIONS	
SUCTION	2.5" ASME B16.1-125#
DISCHARGE	2" ASME B16.1-125# COMPATIBLE
G	DIN 3858-Rp1/8" BSPP
D	DIN 3858-Rp3/8" BSPP

#### NL-HE 2.5 x 2 x 8

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
0.91	20	ODP	254/6T	208-230/460	3525	91	0.87	4.3	6.3	7.9	10.8	18.6	16.5	9.5	20.8	9.6	0.6	1.9	3.9	0.69	39.3	20.5	18.1	1.1	3.4	1.5	0.8	4.5	18.0	18.0	45.0	441
0.91	20	TEFC	254/6T	208-230/460	3520	91	0.89	4.3	6.3	7.9	10.8	18.6	19.4	10.5	20.8	9.6	0.6	1.9	3.9	0.69	43.9	25.0	18.1	1.1	3.4	1.5	0.8	4.5	18.0	18.0	45.0	563
0.91	20	ODP	254/6T	575	3525	91	0.87	4.3	6.3	7.9	10.8	18.6	16.5	9.5	20.8	9.6	0.6	1.9	3.9	0.69	39.3	20.5	18.1	1.1	3.4	1.5	0.8	4.5	18.0	18.0	45.0	440
0.91	20	TEFC	254/6T	575	3520	91	0.89	4.3	6.3	7.9	10.8	18.6	19.4	10.5	20.8	9.6	0.6	1.9	3.9	0.69	43.9	25.0	18.1	1.1	3.4	1.5	0.8	4.5	18.0	18.0	45.0	562
0.91	25	ODP	254/6T	208-230/460	3530	91.7	0.87	4.3	6.3	7.9	10.8	18.6	16.5	9.5	20.8	9.6	0.6	1.9	3.9	0.69	39.3	20.5	18.1	1.1	3.4	1.5	0.8	4.5	18.0	18.0	45.0	458
0.91	25	TEFC	284/6TS	208-230/460	3545	91.7	0.88	4.3	7.0	7.9	11.5	19.3	20.6	11.1	20.8	9.6	0.6	1.9	3.9	0.94	45.6	26.6	18.1	1.0	3.5	1.5	0.8	4.5	20.0	20.0	49.0	685
0.91	25	ODP	254/6T	575	3530	91.7	0.87	4.3	6.3	7.9	10.8	18.6	16.5	9.5	20.8	9.6	0.6	1.9	3.9	0.69	39.3	20.5	18.1	1.1	3.4	1.5	0.8	4.5	18.0	18.0	45.0	457
0.91	25	TEFC	284/6TS	575	3535	91.7	0.89	4.3	7.0	7.9	11.5	19.3	20.6	11.1	20.8	9.6	0.6	1.9	3.9	0.94	45.6	26.6	18.1	1.0	3.5	1.5	0.8	4.5	20.0	20.0	49.0	683
0.91	30	ODP	284TS	208-230/460	3545	91.7	0.86	4.3	7.0	7.9	11.5	19.3	20.2	11.9	20.8	9.6	0.6	1.9	3.9	0.94	41.0	22.0	18.1	1.1	3.4	1.5	0.8	4.5	18.0	18.0	45.0	583
0.91	30	TEFC	284/6TS	208-230/460	3540	91.7	0.89	4.3	7.0	7.9	11.5	19.3	20.6	11.1	20.8	9.6	0.6	1.9	3.9	0.94	45.6	26.6	18.1	1.0	3.5	1.5	0.8	4.5	20.0	20.0	49.0	703
0.91	30	ODP	284TS	575	3545	91.7	0.86	4.3	7.0	7.9	11.5	19.3	20.2	11.9	20.8	9.6	0.6	1.9	3.9	0.94	41.0	22.0	18.1	1.1	3.4	1.5	0.8	4.5	18.0	18.0	45.0	581
0.91	30	TEFC	284/6TS	575	3535	91.7	0.89	4.3	7.0	7.9	11.5	19.3	20.6	11.1	20.8	9.6	0.6	1.9	3.9	0.94	45.6	26.6	18.1	1.0	3.5	1.5	0.8	4.5	20.0	20.0	49.0	702
0.91	40	ODP	284/6TS	208-230/460	3540	92.4	0.87	4.3	7.0	7.9	11.5	19.3	20.2	11.9	20.8	9.6	0.6	1.9	3.9	0.50	41.9	23.3	18.1	1.1	3.4	1.5	0.8	4.5	18.0	18.0	45.0	627
0.91	40	TEFC	324/6TS	208-230/460	3555	92.4	0.89	4.3	8.0	7.9	12.5	20.3	22.9	12.6	20.8	9.6	0.6	1.9	3.9	1.45	49.2	29.6	18.1	1.0	3.5	1.5	0.8	4.5	20.0	20.0	49.0	857
0.91	40	ODP	284/6TS	575	3540	92.4	0.87	4.3	7.0	7.9	11.5	19.3	20.2	11.9	20.8	9.6	0.6	1.9	3.9	0.50	41.9	23.3	18.1	1.1	3.4	1.5	0.8	4.5	18.0	18.0	45.0	625
0.91	40	TEFC	324/6TS	575	3555	92.4	0.89	4.3	8.0	7.9	12.5	20.3	22.9	12.6	20.8	9.6	0.6	1.9	3.9	1.45	49.2	29.6	18.1	1.0	3.5	1.5	0.8	4.5	20.0	20.0	49.0	854
0.91	50	ODP	324TS	208-230/460	3560	93	0.85	4.3	8.0	7.9	12.5	20.3	22.2	13.4	20.8	9.6	0.6	1.9	3.9	1.43	43.9	24.3	18.1	1.0	3.5	1.5	0.8	4.5	20.0	20.0	49.0	733
0.91	50	TEFC	324/6TS	208-230/460	3550	93	0.89	4.3	8.0	7.9	12.5	20.3	22.9	12.6	20.8	9.6	0.6	1.9	3.9	1.45	49.2	29.6	18.1	1.0	3.5	1.5	0.8	4.5	20.0	20.0	49.0	880
0.91	50	ODP	324TS	575	3560	93	0.85	4.3	8.0	7.9	12.5	20.3	22.2	13.4	20.8	9.6	0.6	1.9	3.9	1.43	43.9	24.3	18.1	1.0	3.5	1.5	0.8	4.5	20.0	20.0	49.0	730
0.91	50	TEFC	324/6TS	575	3550	93	0.89	4.3	8.0	7.9	12.5	20.3	22.9	12.6	20.8	9.6	0.6	1.9	3.9	1.45	49.2	29.6	18.1	1.0	3.5	1.5	0.8	4.5	20.0	20.0	49.0	876