

# Submittal Data Sheet

Wilo NL-HE - Base Mounted End Suction Pumps

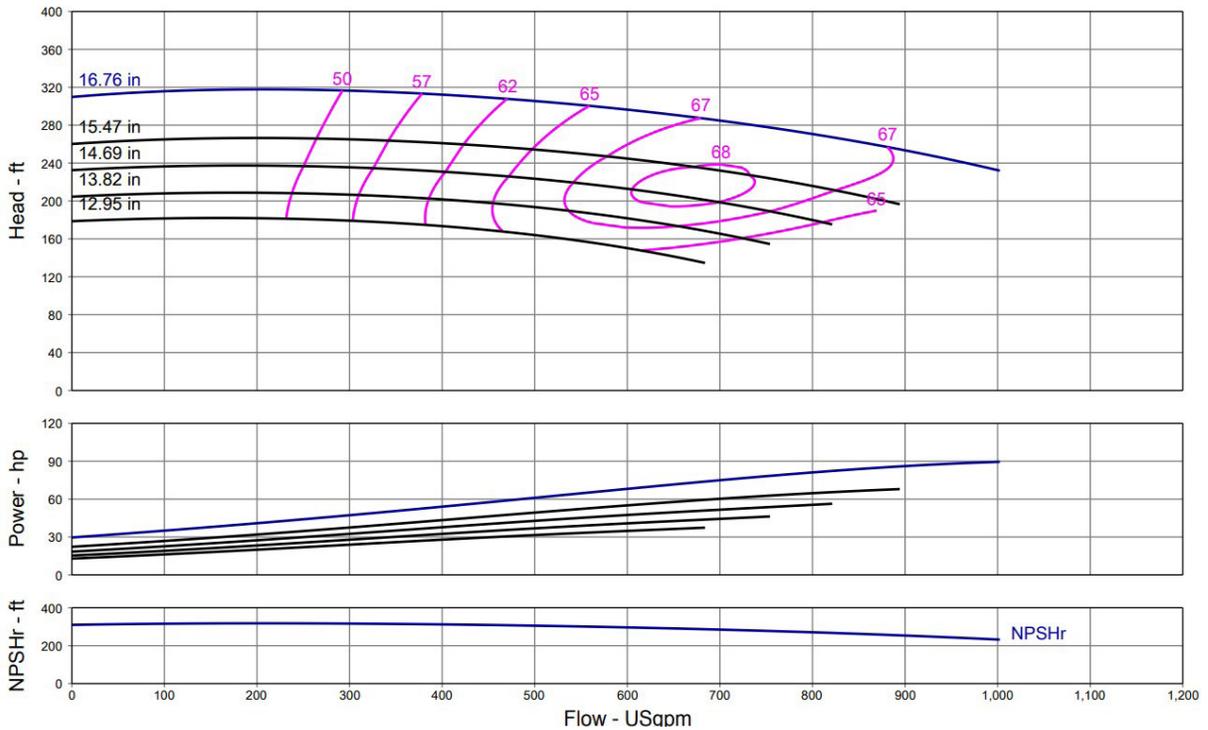


## NL-HE 4 x 3 x 16 (4 Pole)



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

Tag #	Model #	Flow (USGPM)	Head (Feet)	HP	Enclosure	Frame	Cycle	Phase	Voltage	RPM
	NL-HE 4 x 3 x 16						60Hz	3		



Technical Data	
<b>PEI</b>	
0.96	
<b>Approved Fluids</b>	
Heating Water	
Cooling and cold water	
<b>Pressure /Temperature Ratings</b>	
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:	



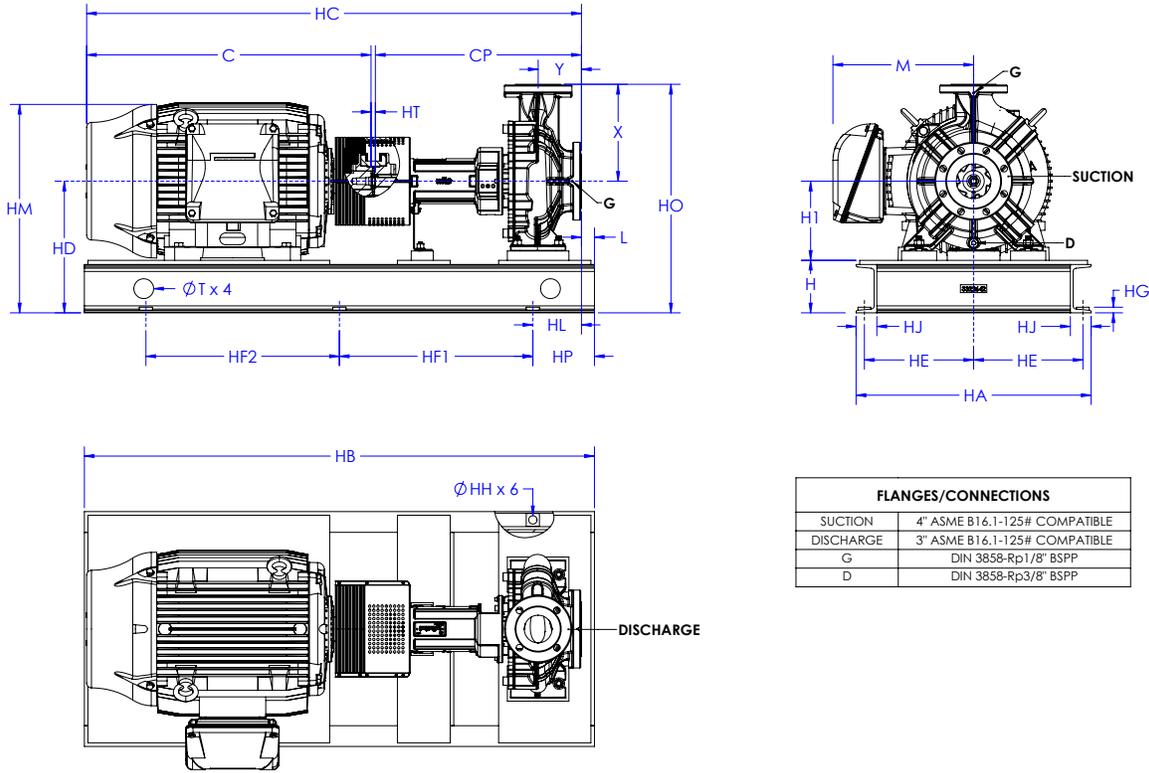
# Submittal Data Sheet

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



### Dimensions & Weights

#### Wilo NL-HE



#### NL-HE 4 x 3 x 16

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)
0.96	40	ODP	324T	208-230/460	1775	94.1	0.84	5.9	11.0	14.0	16.9	30.9	26.7	13.4	23.7	10.9	0.6	2.4	4.9	0.50	52.1	25.8	25.8	1.0	5.0	2.3	1.0	6.0	20.0	20.0	52.0	1161
0.96	40	TEFC	324/6T	208-230/460	1770	94.1	0.85	6.0	11.0	14.0	17.0	31.0	27.4	12.6	26.2	12.2	0.6	2.4	4.9	0.50	57.4	31.1	25.8	1.8	5.2	2.3	1.0	7.0	23.0	23.0	60.0	1361
0.96	40	ODP	324T	575	1775	94.1	0.84	5.9	11.0	14.0	16.9	30.9	26.7	13.4	23.7	10.9	0.6	2.4	4.9	0.50	52.1	25.8	25.8	1.0	5.0	2.3	1.0	6.0	20.0	20.0	52.0	1159
0.96	40	TEFC	324/6T	575	1770	94.1	0.85	6.0	11.0	14.0	17.0	31.0	27.4	12.6	26.2	12.2	0.6	2.4	4.9	0.50	57.4	31.1	25.8	1.8	5.2	2.3	1.0	7.0	23.0	23.0	60.0	1358
0.96	50	ODP	324/6T	208-230/460	1775	94.5	0.84	5.9	11.0	14.0	16.9	30.9	26.7	13.4	26.2	12.2	0.6	2.4	4.9	0.50	53.6	27.3	25.8	1.7	4.8	2.3	1.0	6.5	21.0	21.0	55.0	1260
0.96	50	TEFC	324/6T	208-230/460	1775	94.5	0.83	6.0	11.0	14.0	17.0	31.0	27.4	12.6	26.2	12.2	0.6	2.4	4.9	0.50	57.4	31.1	25.8	1.8	5.2	2.3	1.0	7.0	23.0	23.0	60.0	1382
0.96	50	ODP	324/6T	575	1775	94.5	0.84	5.9	11.0	14.0	16.9	30.9	26.7	13.4	26.2	12.2	0.6	2.4	4.9	0.50	53.6	27.3	25.8	1.7	4.8	2.3	1.0	6.5	21.0	21.0	55.0	1257
0.96	50	TEFC	324/6T	575	1775	94.5	0.83	6.0	11.0	14.0	17.0	31.0	27.4	12.6	26.2	12.2	0.6	2.4	4.9	0.50	57.4	31.1	25.8	1.8	5.2	2.3	1.0	7.0	23.0	23.0	60.0	1379
0.96	60	ODP	364/5T	208-230/460	1780	95	0.85	6.0	11.0	14.0	17.0	31.0	29.2	15.6	26.2	12.2	0.6	2.4	4.9	0.50	56.0	29.7	25.8	1.8	5.2	2.3	1.0	7.0	23.0	23.0	60.0	1527
0.96	60	TEFC	364/5T	208-230/460	1780	95	0.83	6.1	11.0	14.0	17.1	31.1	26.1	16.0	28.7	13.4	0.6	2.4	4.9	0.50	60.8	34.5	25.8	1.7	6.3	2.3	1.0	8.0	25.0	25.0	66.0	1753
0.96	60	ODP	364/5T	575	1780	95	0.85	6.0	11.0	14.0	17.0	31.0	29.2	15.6	26.2	12.2	0.6	2.4	4.9	0.50	56.0	29.7	25.8	1.8	5.2	2.3	1.0	7.0	23.0	23.0	60.0	1524
0.96	60	TEFC	364/5T	575	1780	95	0.83	6.1	11.0	14.0	17.1	31.1	26.1	16.0	28.7	13.4	0.6	2.4	4.9	0.50	60.8	34.5	25.8	1.7	6.3	2.3	1.0	8.0	25.0	25.0	66.0	1746
0.96	75	ODP	364/5T	208-230/460	1780	95	0.85	6.0	11.0	14.0	17.0	31.0	29.2	15.6	26.2	12.2	0.6	2.4	4.9	0.50	56.0	29.7	25.8	1.8	5.2	2.3	1.0	7.0	23.0	23.0	60.0	1574
0.96	75	TEFC	364/5T	208-230/460	1780	95.4	0.83	6.1	11.0	14.0	17.1	31.1	26.1	16.0	28.7	13.4	0.6	2.4	4.9	0.50	60.8	34.5	25.8	1.7	6.3	2.3	1.0	8.0	25.0	25.0	66.0	1816
0.96	75	ODP	364/5T	575	1780	95	0.85	6.0	11.0	14.0	17.0	31.0	29.2	15.6	26.2	12.2	0.6	2.4	4.9	0.50	56.0	29.7	25.8	1.8	5.2	2.3	1.0	7.0	23.0	23.0	60.0	1571
0.96	75	TEFC	364/5T	575	1780	95.4	0.83	6.1	11.0	14.0	17.1	31.1	26.1	16.0	28.7	13.4	0.6	2.4	4.9	0.50	60.8	34.5	25.8	1.7	6.3	2.3	1.0	8.0	25.0	25.0	66.0	1812
0.96	100	ODP	404/5T	208-230/460	1780	95.4	0.86	6.1	11.0	14.0	17.1	31.1	29.3	15.6	29.7	13.9	0.6	2.4	4.9	0.50	60.4	34.1	25.8	1.7	6.3	2.3	1.0	8.0	25.0	25.0	66.0	1843
0.96	100	TEFC	404/5T	208-230/460	1780	95.4	0.87	6.1	11.0	14.0	17.1	31.1	26.7	16.0	29.7	13.9	0.6	2.4	4.9	0.50	66.0	39.7	25.8	1.7	6.3	2.3	1.0	8.0	25.0	25.0	66.0	2058
0.96	100	ODP	404/5T	575	1780	95.4	0.86	6.1	11.0	14.0	17.1	31.1	29.3	15.6	29.7	13.9	0.6	2.4	4.9	0.50	60.4	34.1	25.8	1.7	6.3	2.3	1.0	8.0	25.0	25.0	66.0	1837
0.96	100	TEFC	404/5T	575	1780	95.4	0.87	6.1	11.0	14.0	17.1	31.1	26.7	16.0	29.7	13.9	0.6	2.4	4.9	0.50	66.0	39.7	25.8	1.7	6.3	2.3	1.0	8.0	25.0	25.0	66.0	2051