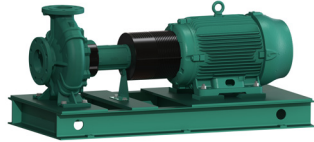


Submittal Data Sheet

Wilco NL-HE - Base Mounted End Suction Pumps



NL-HE 2 x 1.25 x 5 (2 Pole)



Project:

Engineer:

Contractor:

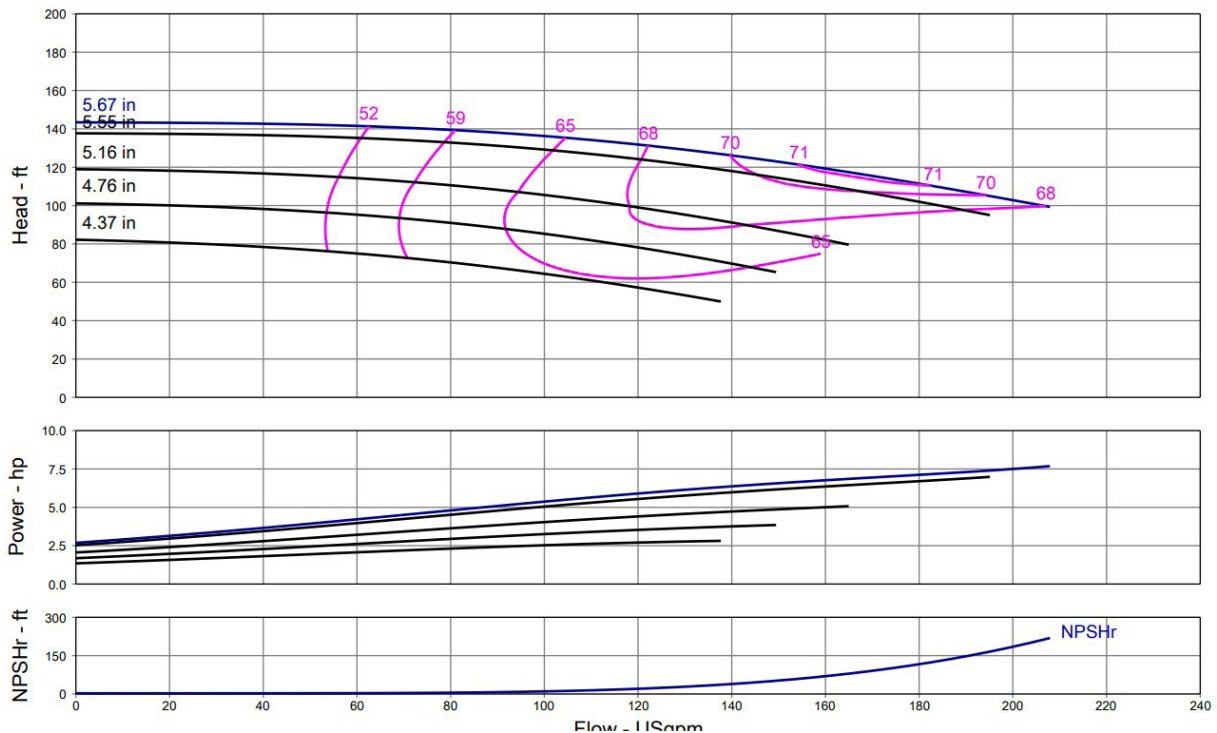
Submitted By:

Date:

Approved By:

Date:

Tag #	Model #	Flow (USGPM)	Head (Feet)	HP	Enclosure	Frame	Cycle	Phase	Voltage	RPM
	NL-HE 2 x 1.25 x 5						60Hz	3		



Technical Data	
PEI	
0.95	
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

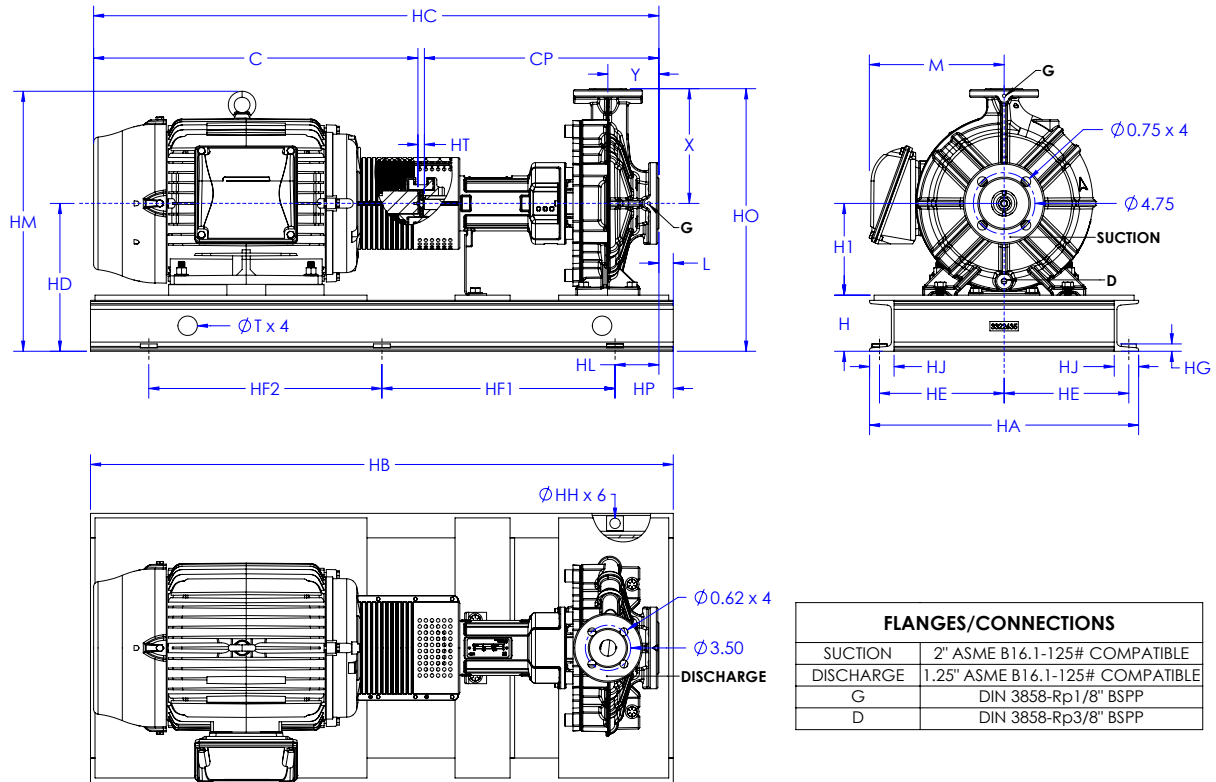
Submittal Data Sheet

Wilo NL-HE – Base Mounted End Suction Pumps



Dimensions & Weights

Wilo NL-HE



FLANGES/CONNECTIONS	
SUCTION	2" ASME B16.1-125# COMPATIBLE
DISCHARGE	1.25" ASME B16.1-125# COMPATIBLE
G	DIN 3858-Rp1/8" BSPP
D	DIN 3858-Rp3/8" BSPP

NL-HE 2 x 1.25 x 5

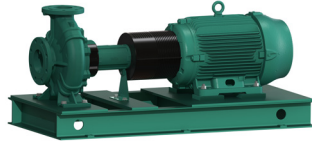
Motor							Dimensions – Inches																								
HP	ENCL	Frame	Volt	RPM	EFF	PF	H	H1	X	HD	HO	HM	M	HA	HE	HG	HJ	Y	HT	HC	C	CP	L	HL	T	HH	HP	HF1	HF2	HB	Wt. (lb)
3	ODP	143/5T	208-230/460	3480	85.5	0.9	4.3	4.4	5.5	8.7	14.3	12.0	5.9	16.3	7.4	0.57	1.9	3.1	0.50	30.2	12.3	17.3	1.75	1.75	1.50	0.80	3.5	13	13	33	219
3	TEFC	182/4T	208-230/460	3515	86.5	0.88	4.3	4.5	5.5	8.8	14.3	13.2	7.6	17.3	7.9	0.57	1.9	3.1	0.50	33.7	15.9	17.3	1.75	2.75	1.50	0.80	4.5	13	13	35	278
3	ODP	143/5T	575	3480	85.5	0.9	4.3	4.4	5.5	8.7	14.3	12.0	5.9	16.3	7.4	0.57	1.9	3.1	0.50	30.2	12.3	17.3	1.75	1.75	1.50	0.80	3.5	13	13	33	218
3	TEFC	182/4T	575	3515	86.5	0.88	4.3	4.5	5.5	8.8	14.3	13.2	7.6	17.3	7.9	0.57	1.9	3.1	0.50	33.7	15.9	17.3	1.75	2.75	1.50	0.80	4.5	13	13	35	274
5	ODP	182/4T	208-230/460	3510	86.5	0.88	4.3	4.5	5.5	8.8	14.3	12.9	6.7	17.3	7.9	0.57	1.9	3.1	0.50	32.6	14.8	17.3	1.75	2.75	1.50	0.80	4.5	13	13	35	245
5	TEFC	182/4T	208-230/460	3485	88.5	0.89	4.3	4.5	5.5	8.8	14.3	13.2	7.6	17.3	7.9	0.57	1.9	3.1	0.50	33.7	15.9	17.3	1.75	2.75	1.50	0.80	4.5	13	13	35	281
5	ODP	182/4T	575	3510	86.5	0.88	4.3	4.5	5.5	8.8	14.3	12.9	6.7	17.3	7.9	0.57	1.9	3.1	0.50	32.6	14.8	17.3	1.75	2.75	1.50	0.80	4.5	13	13	35	245
5	TEFC	182/4T	575	3485	88.5	0.89	4.3	4.5	5.5	8.8	14.3	13.2	7.6	17.3	7.9	0.57	1.9	3.1	0.50	33.7	15.9	17.3	1.75	2.75	1.50	0.80	4.5	13	13	35	279
7.5	ODP	182/4T	208-230/460	3500	88.5	0.9	4.3	4.5	5.5	8.8	14.3	12.9	6.7	17.3	7.9	0.57	1.9	3.1	0.50	33.0	15.2	17.3	1.75	2.75	1.50	0.80	4.5	13	13	35	259
7.5	TEFC	182/4T	208-230/460	3485	89.5	0.88	4.3	4.5	5.5	8.8	14.3	13.2	7.6	17.3	7.9	0.57	1.9	3.1	0.50	33.7	15.9	17.3	1.75	2.75	1.50	0.80	4.5	13	13	35	285
7.5	ODP	182/4T	575	3500	88.5	0.9	4.3	4.5	5.5	8.8	14.3	12.9	6.7	17.3	7.9	0.57	1.9	3.1	0.50	33.0	15.2	17.3	1.75	2.75	1.50	0.80	4.5	13	13	35	259
7.5	TEFC	213/5T	575	3520	89.5	0.88	4.3	5.2	5.5	9.6	15.1	15.2	8.6	17.3	7.9	0.57	1.9	3.1	0.50	37.3	19.5	17.3	1.75	2.75	1.50	0.80	4.5	15	15	39	360
10	ODP	213/5T	208-230/460	3535	89.5	0.88	4.3	5.2	5.5	9.6	15.1	14.5	8.0	17.3	7.9	0.57	1.9	3.1	0.50	34.8	17.0	17.3	1.75	2.75	1.50	0.80	4.5	15	15	39	319
10	TEFC	213/5T	208-230/460	3510	90.2	0.9	4.3	5.2	5.5	9.6	15.1	15.2	8.6	17.3	7.9	0.57	1.9	3.1	0.50	37.3	19.5	17.3	1.75	2.75	1.50	0.80	4.5	15	15	39	364
10	ODP	213/5T	575	3535	89.5	0.88	4.3	5.2	5.5	9.6	15.1	14.5	8.0	17.3	7.9	0.57	1.9	3.1	0.50	34.8	17.0	17.3	1.75	2.75	1.50	0.80	4.5	15	15	39	319
10	TEFC	213/5T	575	3510	90.2	0.9	4.3	5.2	5.5	9.6	15.1	15.2	8.6	17.3	7.9	0.57	1.9	3.1	0.50	37.3	19.5	17.3	1.75	2.75	1.50	0.80	4.5	15	15	39	362

Submittal Data Sheet

Wilo NL-HE – Base Mounted End Suction Pumps



NL-HE 2 x 1.25 x 6 (2 Pole)



Project:

Engineer:

Contractor:

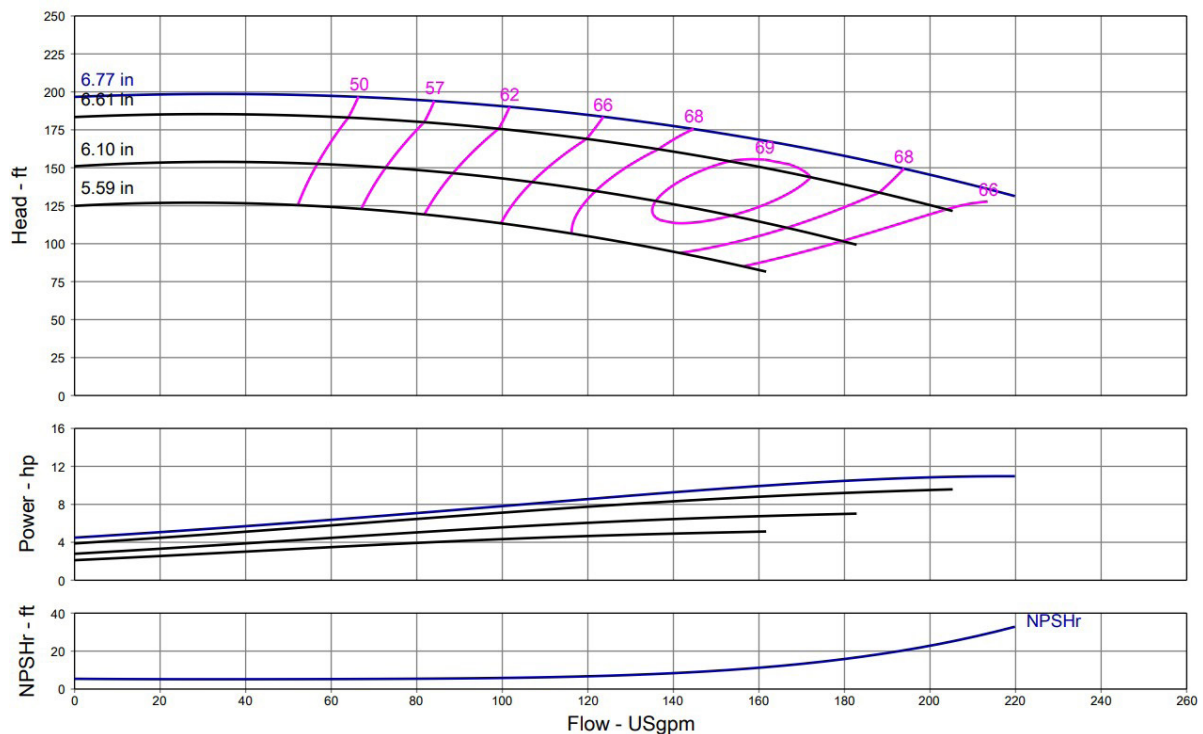
Submitted By:

Date:

Approved By:

Date:

Tag #	Model #	Flow (USGPM)	Head (Feet)	HP	Enclosure	Frame	Cycle	Phase	Voltage	RPM
	NL-HE 2 x 1.25 x 6						60Hz	3		



Technical Data	
PEI	
0.89	
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

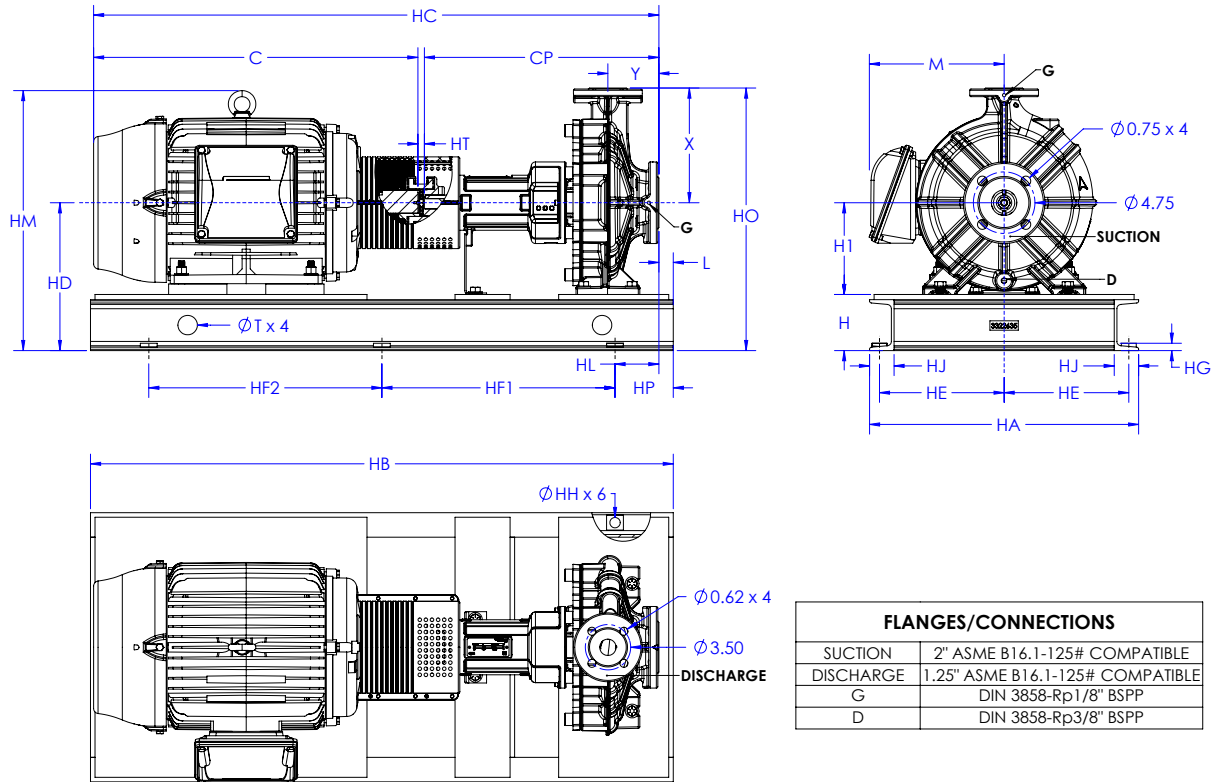
Submittal Data Sheet

Wilo NL-HE – Base Mounted End Suction Pumps



Dimensions & Weights

Wilo NL-HE



NL-HE 2 x 1.25 x 6

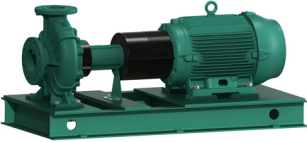
Motor							Dimensions – Inches																									
HP	ENCL	Frame	Volt	RPM	EFF	PF	H	H1	X	HD	HO	HM	M	HA	HE	HG	HJ	Y	HT	HC	C	CP	L	HL	T	HH	HP	HF1	HF2	HB	Wt. (lb)	
7.5	ODP	182/4T	208-230/460	3500	88.5	0.9	4.3	5.2	6.3	9.5	15.8	13.6	6.7	17.3	7.9	0.57	1.9	3.1	0.50	33.0	15.2	17.3	1.75	2.75	1.50	0.80	4.5	13	13	35	272	
7.5	TEFC	182/4T	208-230/460	3485	89.5	0.88	4.3	5.2	6.3	9.5	15.8	13.9	7.6	17.3	7.9	0.57	1.9	3.1	0.50	33.7	15.9	17.3	1.75	2.75	1.50	0.80	4.5	13	13	35	298	
7.5	ODP	182/4T	575	3500	88.5	0.9	4.3	5.2	6.3	9.5	15.8	13.6	6.7	17.3	7.9	0.57	1.9	3.1	0.50	33.0	15.2	17.3	1.75	2.75	1.50	0.80	4.5	13	13	35	272	
7.5	TEFC	213/5T	575	3520	89.5	0.88	4.3	5.2	6.3	9.6	15.9	15.2	8.6	17.3	7.9	0.57	1.9	3.1	0.50	37.3	19.5	17.3	1.75	2.75	1.50	0.80	4.5	15	15	39	368	
10	ODP	213/5T	208-230/460	3535	89.5	0.88	4.3	5.2	6.3	9.6	15.9	14.5	8.0	17.3	7.9	0.57	1.9	3.1	0.50	34.8	17.0	17.3	1.75	2.75	1.50	0.80	4.5	15	15	39	327	
10	TEFC	213/5T	208-230/460	3510	90.2	0.9	4.3	5.2	6.3	9.6	15.9	15.2	8.6	17.3	7.9	0.57	1.9	3.1	0.50	37.3	19.5	17.3	1.75	2.75	1.50	0.80	4.5	15	15	39	372	
10	ODP	213/5T	575	3535	89.5	0.88	4.3	5.2	6.3	9.6	15.9	14.5	8.0	17.3	7.9	0.57	1.9	3.1	0.50	34.8	17.0	17.3	1.75	2.75	1.50	0.80	4.5	15	15	39	327	
10	TEFC	213/5T	575	3510	90.2	0.9	4.3	5.2	6.3	9.6	15.9	15.2	8.6	17.3	7.9	0.57	1.9	3.1	0.50	37.3	19.5	17.3	1.75	2.75	1.50	0.80	4.5	15	15	39	370	
15	ODP	213/5T	208-230/460	3535	90.2	0.89	4.3	5.2	6.3	9.6	15.9	14.5	8.0	17.3	7.9	0.57	1.9	3.1	0.50	35.6	17.8	17.3	1.75	2.75	1.50	0.80	4.5	15	15	39	342	
15	TEFC	254/6T	208-230/460	3530	91	0.88	4.3	6.2	6.3	10.6	16.9	19.3	10.5	20.8	9.6	0.57	1.9	3.1	0.50	42.9	25.0	17.3	1.90	2.60	1.50	0.80	4.5	18	18	45	514	
15	ODP	213/5T	575	3535	90.2	0.89	4.3	5.2	6.3	9.6	15.9	14.5	8.0	17.3	7.9	0.57	1.9	3.1	0.50	35.6	17.8	17.3	1.75	2.75	1.50	0.80	4.5	15	15	39	341	
15	TEFC	254/6T	575	3530	91	0.88	4.3	6.2	6.3	10.6	16.9	19.3	10.5	20.8	9.6	0.57	1.9	3.1	0.50	42.9	25.0	17.3	1.90	2.60	1.50	0.80	4.5	18	18	45	513	

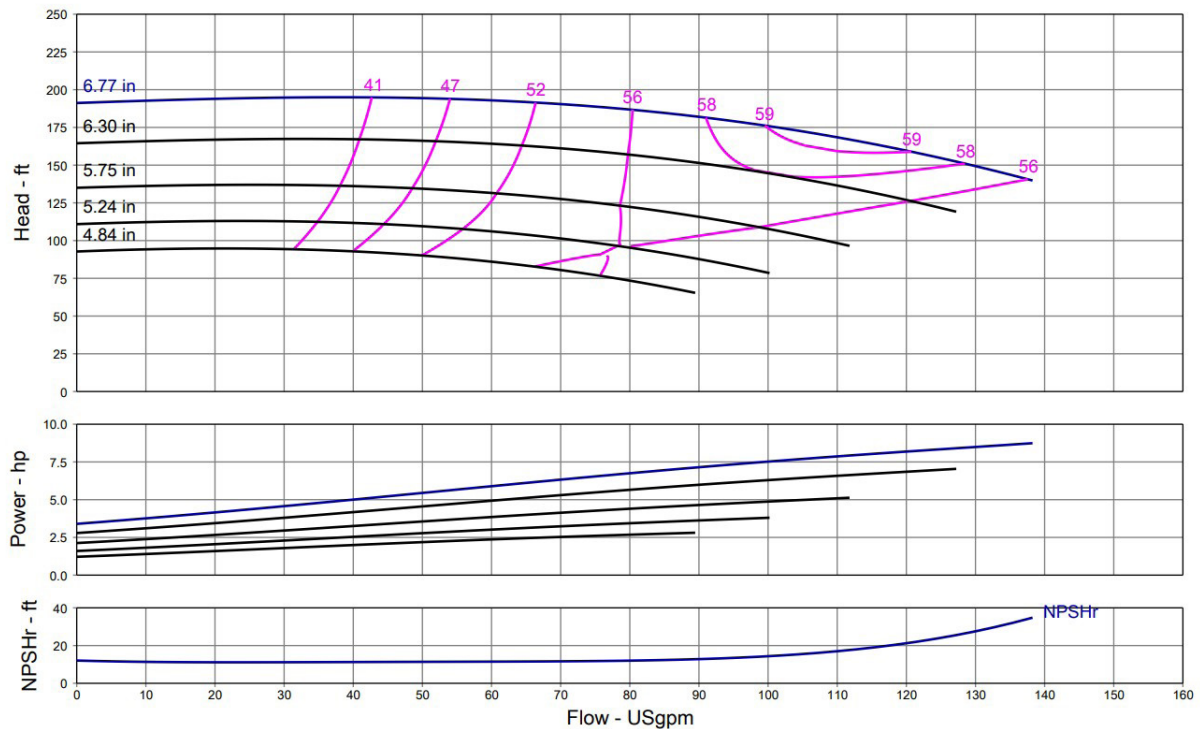
Submittal Data Sheet

Wilo NL-HE – Base Mounted End Suction Pumps



NL-HE 2 x 1.25 x 6.1 (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 2 x 1.25 x 6.1						60Hz	3		



Technical Data	
PEI	
0.90	
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

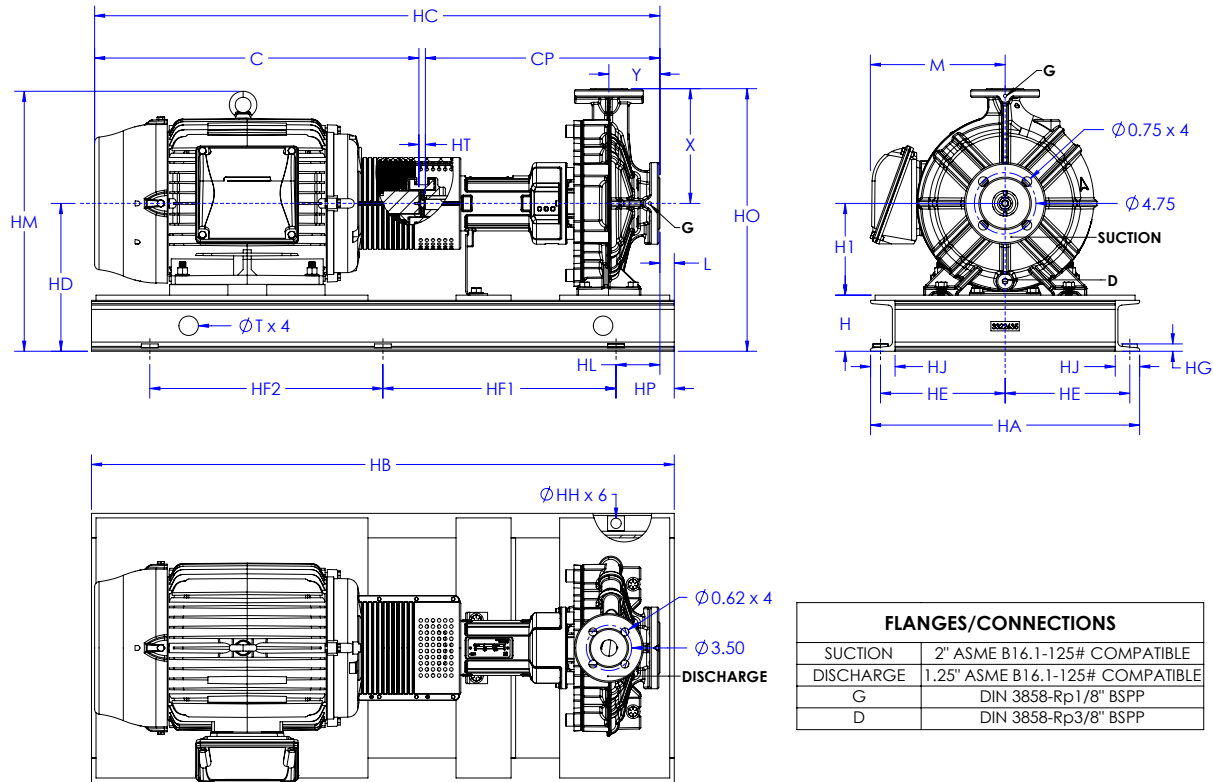
Submittal Data Sheet

Wilo NL-HE – Base Mounted End Suction Pumps



Dimensions & Weights

Wilo NL-HE



NL-HE 2 x 1.25 x 6.1

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)		
3	ODP	143/ST	208-230/460	3480	85.5	0.9	4.3	5.2	6.3	9.5	15.8	12.8	5.9	16.3	7.4	0.57	1.9	3.1	0.50	30.2	12.3	17.3	1.75	1.75	1.50	0.80	3.5	13	13	33	232		
3	TEFC	182/4T	208-230/460	3515	86.5	0.88	4.3	5.2	6.3	9.5	15.8	13.9	7.6	17.3	7.9	0.57	1.9	3.1	0.50	33.7	15.9	17.3	1.75	2.75	1.50	0.80	4.5	13	13	35	291		
3	ODP	143/ST	575	3480	85.5	0.9	4.3	5.2	6.3	9.5	15.8	12.8	5.9	16.3	7.4	0.57	1.9	3.1	0.50	30.2	12.3	17.3	1.75	1.75	1.50	0.80	3.5	13	13	33	232		
3	TEFC	182/4T	575	3515	86.5	0.88	4.3	5.2	6.3	9.5	15.8	13.9	7.6	17.3	7.9	0.57	1.9	3.1	0.50	33.7	15.9	17.3	1.75	2.75	1.50	0.80	4.5	13	13	35	288		
5	ODP	182/4T	208-230/460	3510	86.5	0.88	4.3	5.2	6.3	9.5	15.8	13.6	6.7	17.3	7.9	0.57	1.9	3.1	0.50	32.6	14.8	17.3	1.75	2.75	1.50	0.80	4.5	13	13	35	258		
5	TEFC	182/4T	208-230/460	3485	88.5	0.89	4.3	5.2	6.3	9.5	15.8	13.9	7.6	17.3	7.9	0.57	1.9	3.1	0.50	33.7	15.9	17.3	1.75	2.75	1.50	0.80	4.5	13	13	35	295		
5	ODP	182/4T	575	3510	86.5	0.88	4.3	5.2	6.3	9.5	15.8	13.6	6.7	17.3	7.9	0.57	1.9	3.1	0.50	32.6	14.8	17.3	1.75	2.75	1.50	0.80	4.5	13	13	35	258		
5	TEFC	182/4T	575	3485	88.5	0.89	4.3	5.2	6.3	9.5	15.8	13.9	7.6	17.3	7.9	0.57	1.9	3.1	0.50	33.7	15.9	17.3	1.75	2.75	1.50	0.80	4.5	13	13	35	292		
7.5	ODP	182/4T	208-230/460	3500	88.5	0.9	4.3	5.2	6.3	9.5	15.8	13.6	6.7	17.3	7.9	0.57	1.9	3.1	0.50	33.0	15.2	17.3	1.75	2.75	1.50	0.80	4.5	13	13	35	273		
7.5	TEFC	182/4T	208-230/460	3485	89.5	0.88	4.3	5.2	6.3	9.5	15.8	13.9	7.6	17.3	7.9	0.57	1.9	3.1	0.50	33.7	15.9	17.3	1.75	2.75	1.50	0.80	4.5	13	13	35	299		
7.5	ODP	182/4T	575	3500	88.5	0.9	4.3	5.2	6.3	9.5	15.8	13.6	6.7	17.3	7.9	0.57	1.9	3.1	0.50	33.0	15.2	17.3	1.75	2.75	1.50	0.80	4.5	13	13	35	273		
7.5	TEFC	213/ST	575	3520	89.5	0.88	4.3	5.2	6.3	9.6	15.9	15.2	8.6	17.3	7.9	0.57	1.9	3.1	0.50	37.3	19.5	17.3	1.75	2.75	1.50	0.80	4.5	15	15	39	369		
10	ODP	213/ST	208-230/460	3535	89.5	0.88	4.3	5.2	6.3	9.6	15.9	14.5	8.0	17.3	7.9	0.57	1.9	3.1	0.50	34.8	17.0	17.3	1.75	2.75	1.50	0.80	4.5	15	15	39	328		
10	TEFC	213/ST	208-230/460	3510	90.2	0.9	4.3	5.2	6.3	9.6	15.9	15.2	8.6	17.3	7.9	0.57	1.9	3.1	0.50	37.3	19.5	17.3	1.75	2.75	1.50	0.80	4.5	15	15	39	373		
10	ODP	213/ST	575	3535	89.5	0.88	4.3	5.2	6.3	9.6	15.9	14.5	8.0	17.3	7.9	0.57	1.9	3.1	0.50	34.8	17.0	17.3	1.75	2.75	1.50	0.80	4.5	15	15	39	328		
10	TEFC	213/ST	575	3510	90.2	0.9	4.3	5.2	6.3	9.6	15.9	15.2	8.6	17.3	7.9	0.57	1.9	3.1	0.50	37.3	19.5	17.3	1.75	2.75	1.50	0.80	4.5	15	15	39	371		

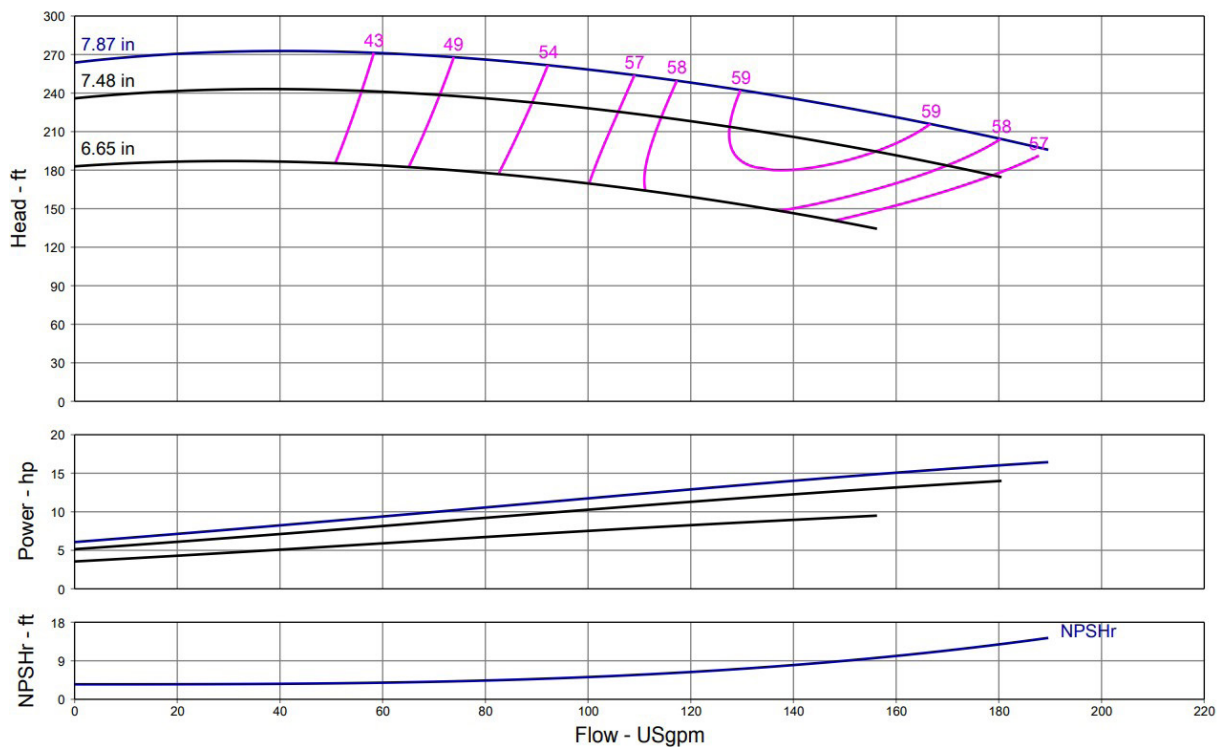
Submittal Data Sheet

Wilo NL-HE – Base Mounted End Suction Pumps



NL-HE 2 x 1.25 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 x 1.25 x 8						60Hz	3		



Technical Data	
PEI	
0.90	
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

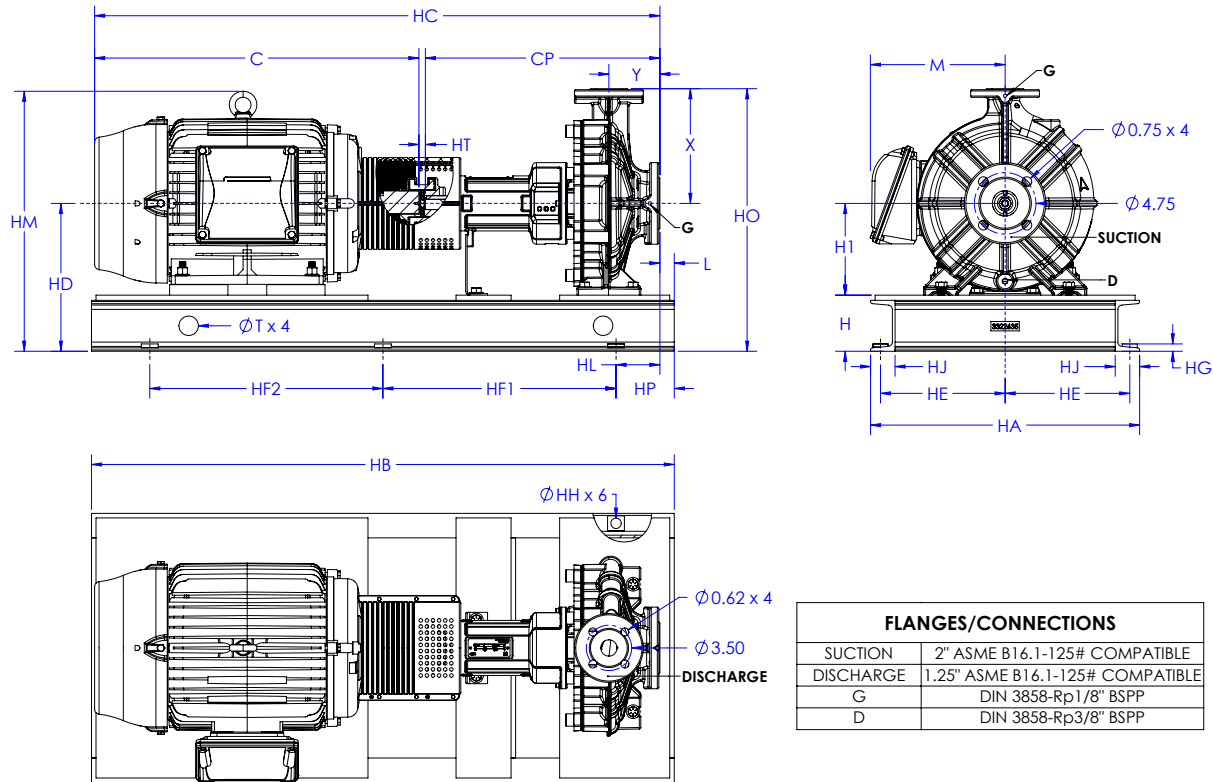
Submittal Data Sheet

Wilo NL-HE – Base Mounted End Suction Pumps



Dimensions & Weights

Wilo NL-HE



NL-HE 2 x 1.25 x 8

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)	
10	ODP	213/ST	208-230/460	3535	89.5	0.88	4.3	6.3	7.1	10.6	17.7	15.5	8.0	17.3	7.9	0.57	1.9	3.1	0.50	34.8	17.0	17.3	1.75	2.75	1.50	0.80	4.5	15	15	39	346	
10	TEFC	213/ST	208-230/460	3510	90.2	0.9	4.3	6.3	7.1	10.6	17.7	16.2	8.6	17.3	7.9	0.57	1.9	3.1	0.50	37.3	19.5	17.3	1.75	2.75	1.50	0.80	4.5	15	15	39	392	
10	ODP	213/ST	575	3535	89.5	0.88	4.3	6.3	7.1	10.6	17.7	15.5	8.0	17.3	7.9	0.57	1.9	3.1	0.50	34.8	17.0	17.3	1.75	2.75	1.50	0.80	4.5	15	15	39	346	
10	TEFC	213/ST	575	3510	90.2	0.9	4.3	6.3	7.1	10.6	17.7	16.2	8.6	17.3	7.9	0.57	1.9	3.1	0.50	37.3	19.5	17.3	1.75	2.75	1.50	0.80	4.5	15	15	39	390	
15	ODP	213/ST	208-230/460	3535	90.2	0.89	4.3	6.3	7.1	10.6	17.7	15.5	8.0	17.3	7.9	0.57	1.9	3.1	0.50	35.6	17.8	17.3	1.75	2.75	1.50	0.80	4.5	15	15	39	361	
15	TEFC	254/6T	208-230/460	3530	91	0.88	4.3	6.3	7.1	10.6	17.7	19.3	10.5	20.8	9.6	0.57	1.9	3.1	0.50	42.9	25.0	17.3	1.90	2.60	1.50	0.80	4.5	18	18	45	526	
15	ODP	213/ST	575	3535	90.2	0.89	4.3	6.3	7.1	10.6	17.7	15.5	8.0	17.3	7.9	0.57	1.9	3.1	0.50	35.6	17.8	17.3	1.75	2.75	1.50	0.80	4.5	15	15	39	360	
15	TEFC	254/6T	575	3530	91	0.88	4.3	6.3	7.1	10.6	17.7	19.3	10.5	20.8	9.6	0.57	1.9	3.1	0.50	42.9	25.0	17.3	1.90	2.60	1.50	0.80	4.5	18	18	45	525	
20	ODP	254/6T	208-230/460	3525	91	0.87	4.3	6.3	7.1	10.6	17.7	16.4	9.5	20.8	9.6	0.57	1.9	3.1	0.50	38.3	20.5	17.3	1.90	2.60	1.50	0.80	4.5	18	18	45	429	
20	TEFC	254/6T	208-230/460	3520	91	0.89	4.3	6.3	7.1	10.6	17.7	19.3	10.5	20.8	9.6	0.57	1.9	3.1	0.50	42.9	25.0	17.3	1.90	2.60	1.50	0.80	4.5	18	18	45	551	
20	ODP	254/6T	575	3525	91	0.87	4.3	6.3	7.1	10.6	17.7	16.4	9.5	20.8	9.6	0.57	1.9	3.1	0.50	38.3	20.5	17.3	1.90	2.60	1.50	0.80	4.5	18	18	45	428	
20	TEFC	254/6T	575	3520	91	0.89	4.3	6.3	7.1	10.6	17.7	19.3	10.5	20.8	9.6	0.57	1.9	3.1	0.50	42.9	25.0	17.3	1.90	2.60	1.50	0.80	4.5	18	18	45	550	

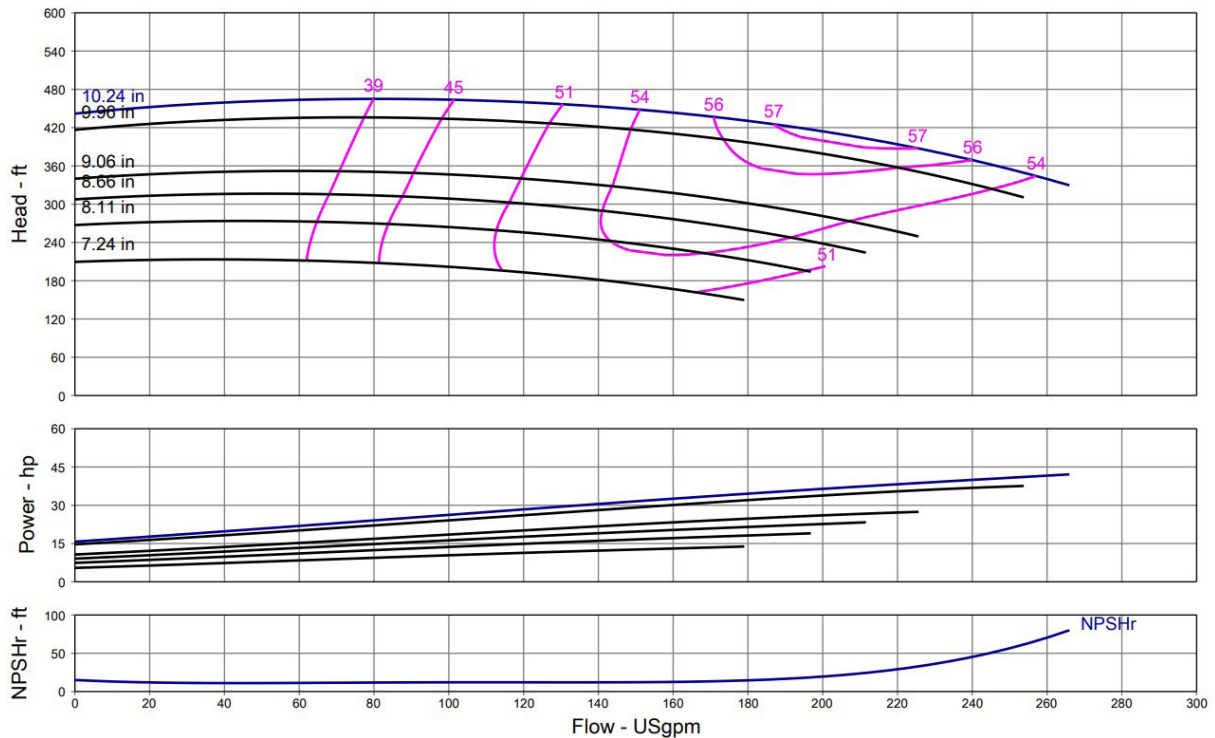
Submittal Data Sheet

Wilo NL-HE – Base Mounted End Suction Pumps



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



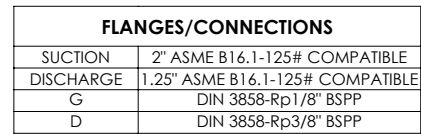
Technical Data	
PEI	
0.83	
Approved Fluids	
Heating Water	
Cooling and cold water	
Pressure /Temperature Ratings	
Ambient Temperature:	+5 °F to +104 °F (–15 °C to +40 °C)
Max Working Pressure & Temperature:	189 psi (up to 284 °F Fluid Temperature) 232 psi (up to 248 °F Fluid Temperature)
Water-Glycol 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

Wilo NL-HE – Base Mounted End Suction Pumps

Dimensions & Weights



NL-HE 2 x 1.25 x 10

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)			
15	ODP	213/5T	208-230/460	3535	90.2	0.89	4.3	7.1	8.9	11.4	20.3	16.3	8.0	17.3	7.9	0.57	1.9	3.9	0.50	36.4	17.8	18.1	1.01	3.49	1.50	0.80	4.5	15	15	39	387			
15	TEFC	254/6T	208-230/460	3530	91	0.88	4.3	7.1	8.9	11.4	20.3	20.1	10.5	20.8	9.6	0.57	1.9	3.9	0.50	43.7	25.0	18.1	1.11	3.39	1.50	0.80	4.5	18	18	45	554			
15	ODP	213/5T	575	3535	90.2	0.89	4.3	7.1	8.9	11.4	20.3	16.3	8.0	17.3	7.9	0.57	1.9	3.9	0.50	36.4	17.8	18.1	1.01	3.49	1.50	0.80	4.5	15	15	39	386			
15	TEFC	254/6T	575	3530	91	0.88	4.3	7.1	8.9	11.4	20.3	20.1	10.5	20.8	9.6	0.57	1.9	3.9	0.50	43.7	25.0	18.1	1.11	3.39	1.50	0.80	4.5	18	18	45	553			
20	ODP	254/6T	208-230/460	3525	91	0.87	4.3	7.1	8.9	11.4	20.3	17.2	9.5	20.8	9.6	0.57	1.9	3.9	0.50	39.1	20.5	18.1	1.11	3.39	1.50	0.80	4.5	18	18	45	456			
20	TEFC	254/6T	208-230/460	3520	91	0.89	4.3	7.1	8.9	11.4	20.3	20.1	10.5	20.8	9.6	0.57	1.9	3.9	0.50	43.7	25.0	18.1	1.11	3.39	1.50	0.80	4.5	18	18	45	559			
20	ODP	254/6T	575	3525	91	0.87	4.3	7.1	8.9	11.4	20.3	17.2	9.5	20.8	9.6	0.57	1.9	3.9	0.50	39.1	20.5	18.1	1.11	3.39	1.50	0.80	4.5	18	18	45	477			
20	TEFC	254/6T	575	3520	91	0.89	4.3	7.1	8.9	11.4	20.3	20.1	10.5	20.8	9.6	0.57	1.9	3.9	0.50	43.7	25.0	18.1	1.11	3.39	1.50	0.80	4.5	18	18	45	578			
25	ODP	254/6T	208-230/460	3530	91.7	0.87	4.3	7.1	8.9	11.4	20.3	17.2	9.5	20.8	9.6	0.57	1.9	3.9	0.50	39.1	20.5	18.1	1.11	3.39	1.50	0.80	4.5	18	18	45	473			
25	TEFC	284/6TS	208-230/460	3545	91.7	0.88	4.3	7.1	8.9	11.4	20.3	20.6	11.1	20.8	9.6	0.57	1.9	3.9	0.50	45.2	26.6	18.1	1.11	3.39	1.50	0.80	4.5	20	20	49	694			
25	ODP	254/6T	575	3530	91.7	0.87	4.3	7.1	8.9	11.4	20.3	17.2	9.5	20.8	9.6	0.57	1.9	3.9	0.50	39.1	20.5	18.1	1.11	3.39	1.50	0.80	4.5	18	18	45	472			
25	TEFC	284/6TS	575	3535	91.7	0.89	4.3	7.1	8.9	11.4	20.3	20.6	11.1	20.8	9.6	0.57	1.9	3.9	0.50	45.2	26.6	18.1	1.11	3.39	1.50	0.80	4.5	20	20	49	692			
30	ODP	284TS	208-230/460	3545	91.7	0.86	4.3	7.1	8.9	11.4	20.3	20.1	11.9	20.8	9.6	0.57	1.9	3.9	0.50	40.6	22.0	18.1	1.11	3.39	1.50	0.80	4.5	18	18	45	592			
30	TEFC	284/6TS	208-230/460	3540	91.7	0.89	4.3	7.1	8.9	11.4	20.3	20.6	11.1	20.8	9.6	0.57	1.9	3.9	0.50	45.2	26.6	18.1	1.11	3.39	1.50	0.80	4.5	20	20	49	712			
30	ODP	284TS	575	3545	91.7	0.86	4.3	7.1	8.9	11.4	20.3	20.1	11.9	20.8	9.6	0.57	1.9	3.9	0.50	40.6	22.0	18.1	1.11	3.39	1.50	0.80	4.5	18	18	45	590			
30	TEFC	284/6TS	575	3535	91.7	0.89	4.3	7.1	8.9	11.4	20.3	20.6	11.1	20.8	9.6	0.57	1.9	3.9	0.50	45.2	26.6	18.1	1.11	3.39	1.50	0.80	4.5	20	20	49	711			
40	ODP	284/6TS	208-230/460	3540	92.4	0.87	4.3	7.1	8.9	11.4	20.3	20.1	11.9	20.8	9.6	0.57	1.9	3.9	0.50	41.9	23.3	18.1	1.11	3.39	1.50	0.80	4.5	18	18	45	636			
40	TEFC	324/6TS	208-230/460	3555	92.4	0.89	4.3	8.0	8.9	12.3	21.2	22.7	12.6	20.8	9.6	0.57	1.9	3.9	0.85	48.6	29.6	18.1	1.11	3.39	1.50	0.80	4.5	20	20	49	869			
40	ODP	284/6TS	575	3540	92.4	0.87	4.3	7.1	8.9	11.4	20.3	20.1	11.9	20.8	9.6	0.57	1.9	3.9	0.50	41.9	23.3	18.1	1.11	3.39	1.50	0.80	4.5	18	18	45	634			
40	TEFC	324/6TS	575	3555	92.4	0.89	4.3	8.0	8.9	12.3	21.2	22.7	12.6	20.8	9.6	0.57	1.9	3.9	0.85	48.6	29.6	18.1	1.11	3.39	1.50	0.80	4.5	20	20	49	866			
50	ODP	324TS	208-230/460	3560	93	0.85	4.3	8.0	8.9	12.3	21.2	22.1	13.4	20.8	9.6	0.57	1.9	3.9	0.85	43.3	24.3	18.1	1.11	3.39	1.50	0.80	4.5	18	18	45	720			
50	TEFC	324/6TS	208-230/460	3550	93	0.89	4.3	8.0	8.9	12.3	21.2	22.7	12.6	20.8	9.6	0.57	1.9	3.9	0.85	48.6	29.6	18.1	1.11	3.39	1.50	0.80	4.5	20	20	49	892			
50	ODP	324TS	575	3560	93	0.85	4.3	8.0	8.9	12.3	21.2	22.1	13.4	20.8	9.6	0.57	1.9	3.9	0.85	43.3	24.3	18.1	1.11	3.39	1.50	0.80	4.5	18	18	45	717			
50	TEFC	324/6TS	575	3550	93	0.89	4.3	8.0	8.9	12.3	21.2	22.7	12.6	20.8	9.6	0.57	1.9	3.9	0.85	48.6	29.6	18.1	1.11	3.39	1.50	0.80	4.5	20	20	49	888			