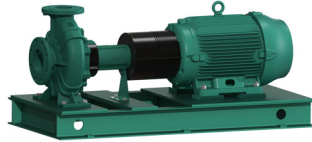


Submittal Data Sheet

Wilo NL-HE – Base Mounted End Suction Pumps



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



Project:

Engineer:

Contractor:

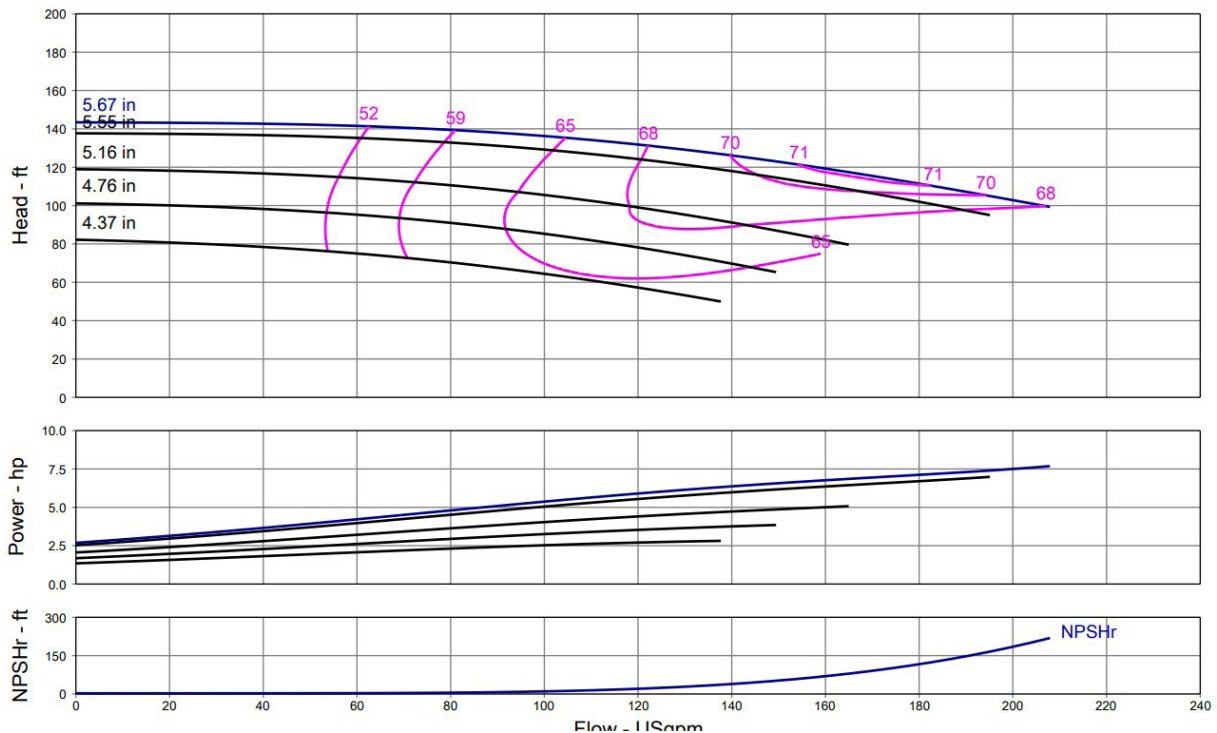
Submitted By:

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:	

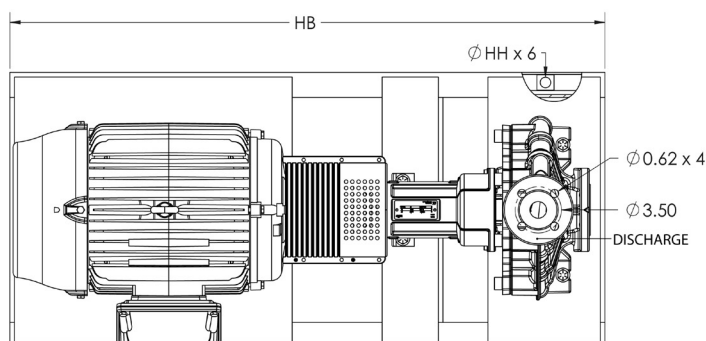
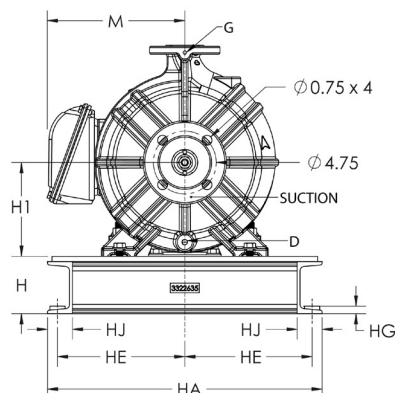
Approval Stamp

Wilo NL-HE – Base Mounted End Suction Pumps

Dimensions & Weights

Technical drawing of a motor assembly showing dimensions and labels. The drawing includes the following labels and dimensions:

- Dimensions:**
 - C : Total length of the motor body.
 - HC : Distance from the front flange to the center of the motor body.
 - CP : Distance from the center of the motor body to the center of the rear flange.
 - Y : Distance from the center of the rear flange to the center of the motor body.
 - X : Distance from the center of the rear flange to the center of the motor body.
 - HM : Height from the base to the center of the motor body.
 - HD : Height from the base to the top of the motor body.
 - $HF2$: Distance from the base to the center of the rear flange.
 - $HF1$: Distance from the base to the center of the motor body.
 - HL : Distance from the base to the center of the rear flange.
 - HP : Distance from the base to the center of the motor body.
- Labels:**
 - D : Diameter of the front flange.
 - HT : Height of the motor body.
 - G : Distance from the center of the rear flange to the center of the motor body.
 - L : Distance from the center of the rear flange to the center of the motor body.
 - $\phi T \times 4$: Thread specification for the mounting holes.



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

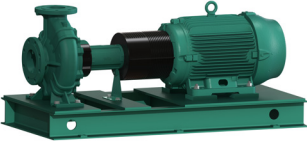
Motor							Dimensions - Inches																									
HP	ENCL	Frame	Volt	RPM	EFF	PF	H	H1	X	HD	HO	HM	M	HA	HE	HG	HJ	Y	HT	HC	C	CP	L	HL	T	HH	HP	HF1	HF2	HB	Wt. (lb)	
3	ODP	143/ST	208-230/460	3480	85.5	0.9	4.3	4.4	5.5	8.7	14.3	12.0	5.9	16.3	7.4	0.57	1.9	3.1	0.50	30.2	12.3	17.3	1.75	1.75	1.50	0.80	3.5	13	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/ST	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/ST	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/ST	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/ST	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	

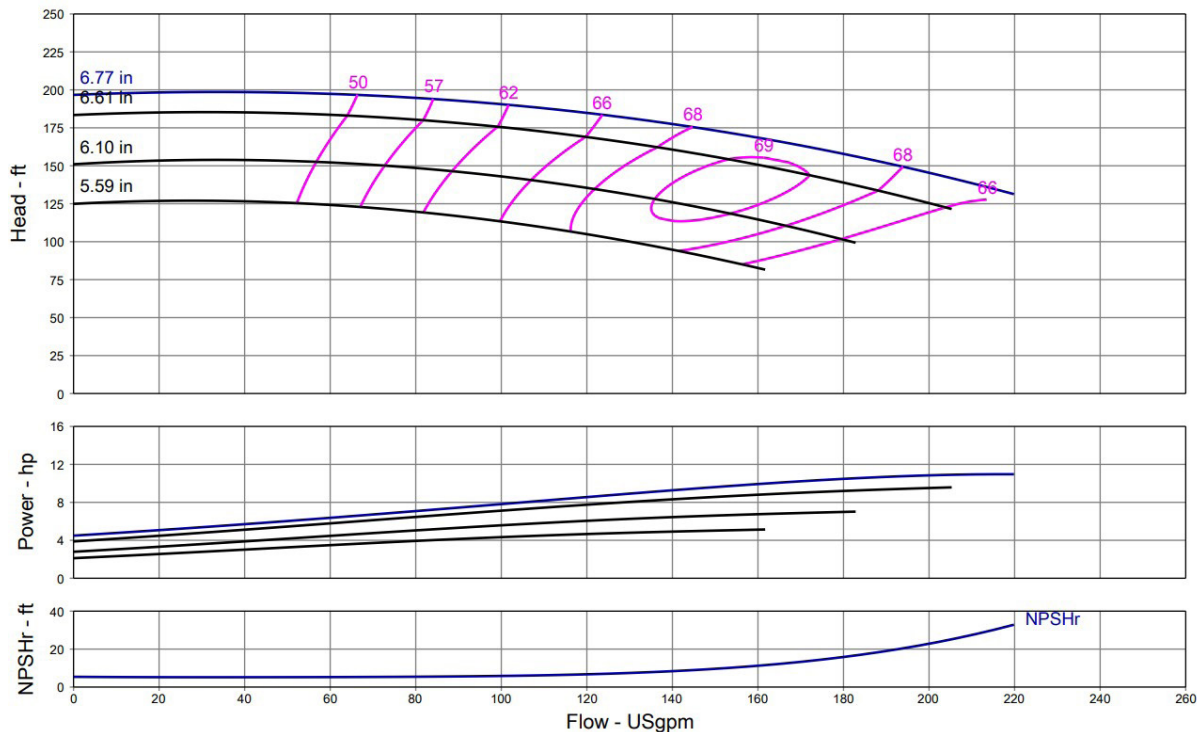
Submittal Data Sheet

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

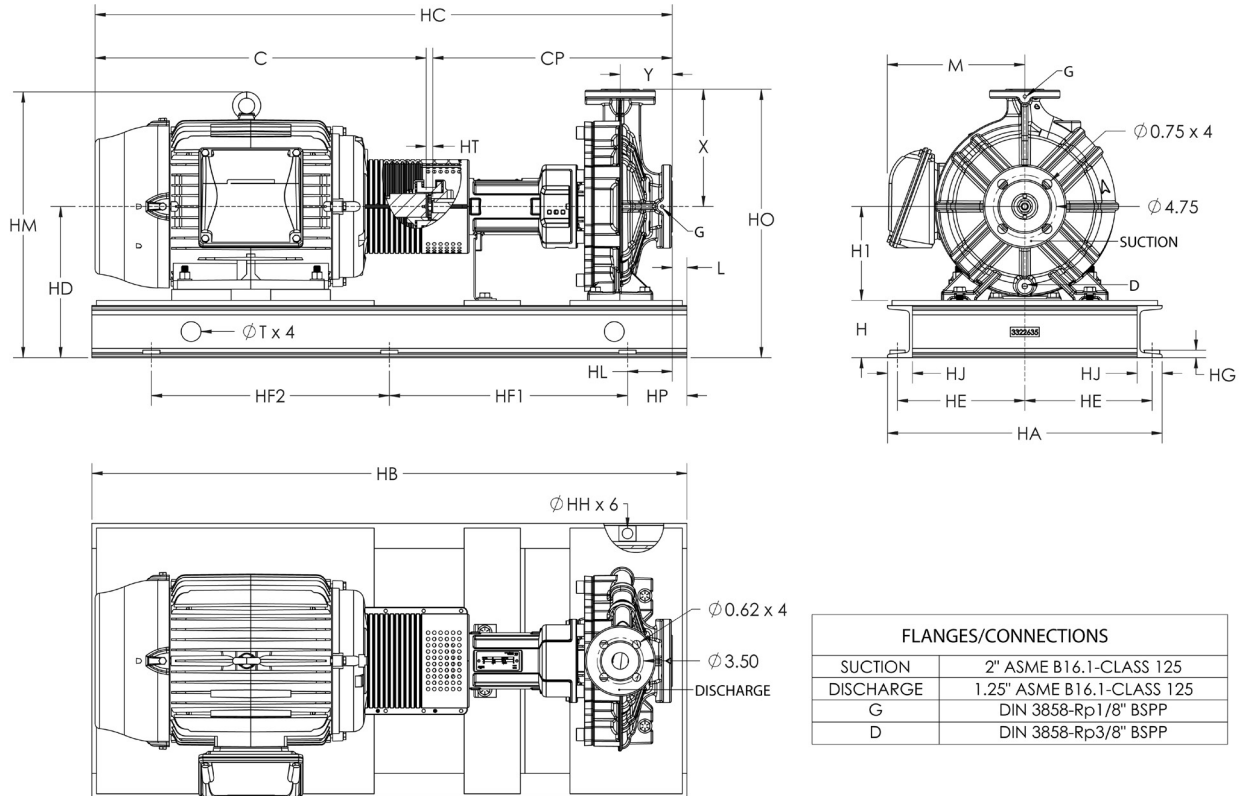
Submittal Data Sheet

Wilo NL-HE – Base Mounted End Suction Pumps



Dimensions & Weights

Wilo NL-HE



NL-HE 2 x 1.25 x 6

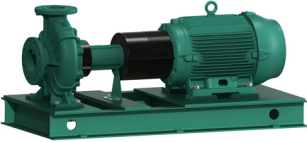
Motor							Dimensions – Inches																									
HP	ENCL	Frame	Volt	RPM	EFF	PF	H	H1	X	HD	HO	HM	M	HA	HE	HG	HJ	Y	HT	HC	C	CP	L	HL	T	HH	HP	HF1	HF2	HB	Wt. (lb)	
7.5	ODP	182/4T	208-230/460	3500	88.5	0.9	4.3	5.2	6.3	9.5	15.8	13.6	6.7	17.3	7.9	0.57	1.9	3.1	0.50	33.0	15.2	17.3	1.75	2.75	1.50	0.80	4.5	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	

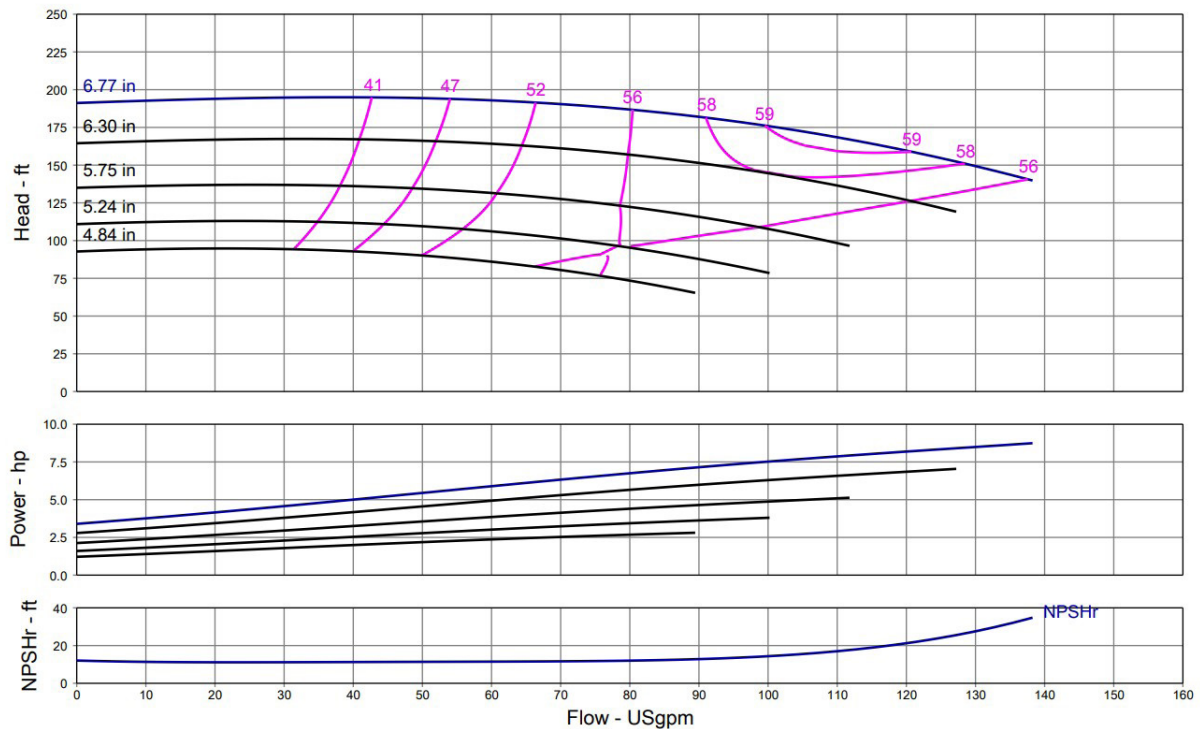
Submittal Data Sheet

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:	

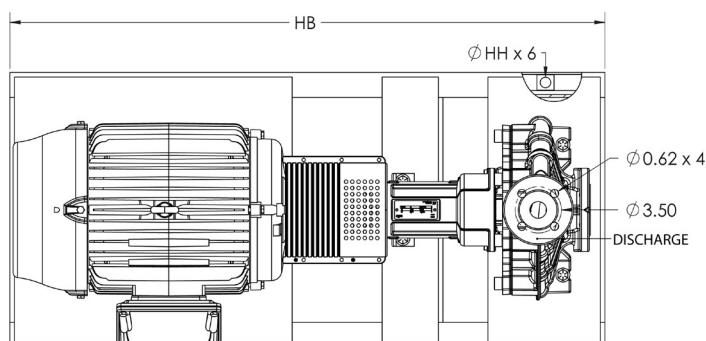
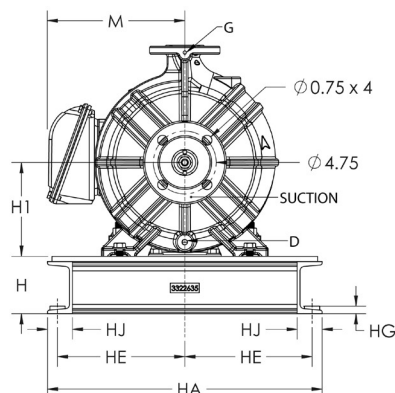
Approval Stamp

Wilo NL-HE – Base Mounted End Suction Pumps

Dimensions & Weights

Technical drawing of a motor assembly showing dimensions and labels. The drawing includes the following labels and dimensions:

- Dimensions:**
 - C : Total length of the motor body.
 - HC : Distance from the front flange to the center of the motor body.
 - CP : Distance from the center of the motor body to the center of the rear flange.
 - Y : Distance from the center of the rear flange to the center of the motor body.
 - X : Distance from the center of the rear flange to the center of the motor body.
 - G : Distance from the center of the rear flange to the center of the motor body.
 - L : Distance from the center of the rear flange to the center of the motor body.
 - HT : Distance from the center of the rear flange to the center of the motor body.
 - HM : Total height of the motor body.
 - HD : Height of the motor body at the base.
 - $HF2$: Distance from the front flange to the center of the motor body.
 - $HF1$: Distance from the center of the motor body to the center of the rear flange.
 - HL : Distance from the center of the rear flange to the center of the motor body.
 - HP : Distance from the center of the rear flange to the center of the motor body.
- Labels:**
 - $\phi T \times 4$: Thread specification for the mounting holes.



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

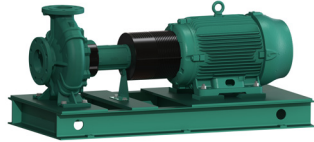
Motor							Dimensions – Inches																									
HP	ENCL	Frame	Volt	RPM	EFF	PF	H	H1	X	HD	HO	HM	M	HA	HE	HG	HJ	Y	HT	HC	C	CP	L	HL	T	HH	HP	HF1	HF2	HB	Wt. (lb)	
3	ODP	143/5T	208-230/460	3480	85.5	0.9	4.3	5.2	6.3	9.5	15.8	12.8	5.9	16.3	7.4	0.57	1.9	3.1	0.50	30.2	12.3	17.3	1.75	1.75	1.50	0.80	3.5	13	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	143/5T	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	213/5T	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	369	
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	328	
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	3	

Submittal Data Sheet

Wilo NL-HE – Base Mounted End Suction Pumps

wilo®

NL-HE 2 x 1.25 x 8 (2 Pole)



Project:

Engineer:

Contractor:

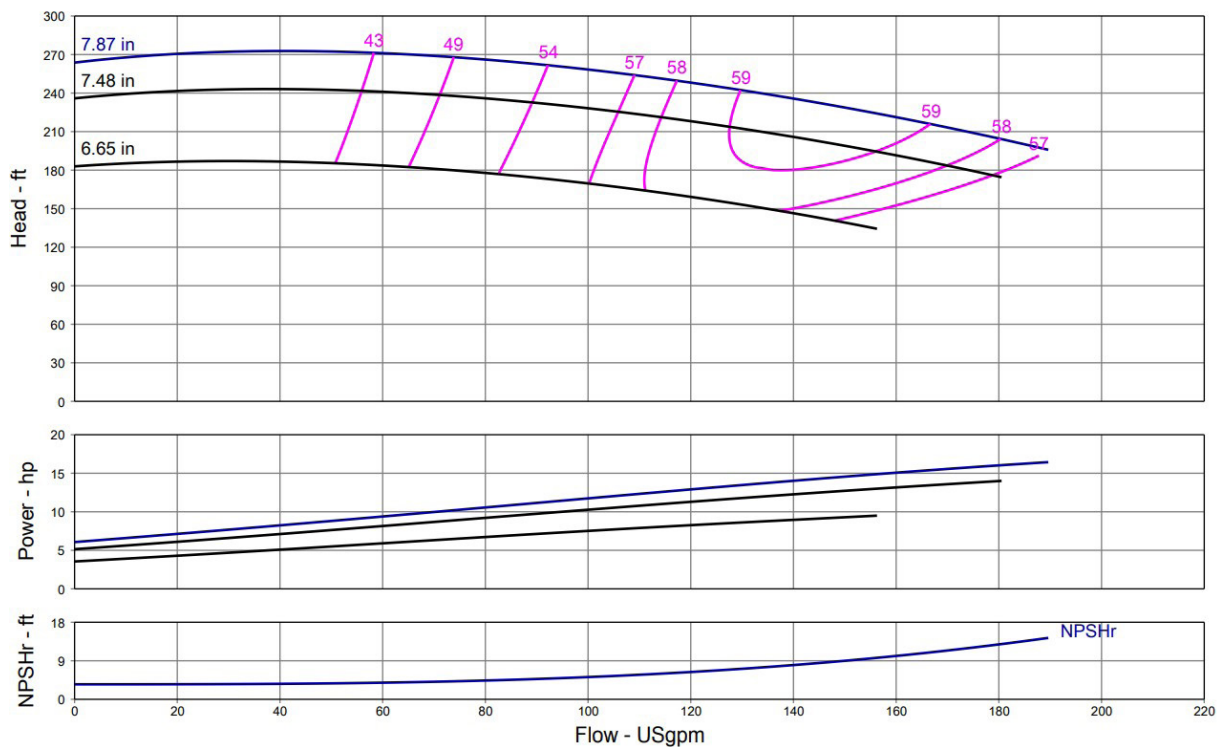
Submitted By:

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

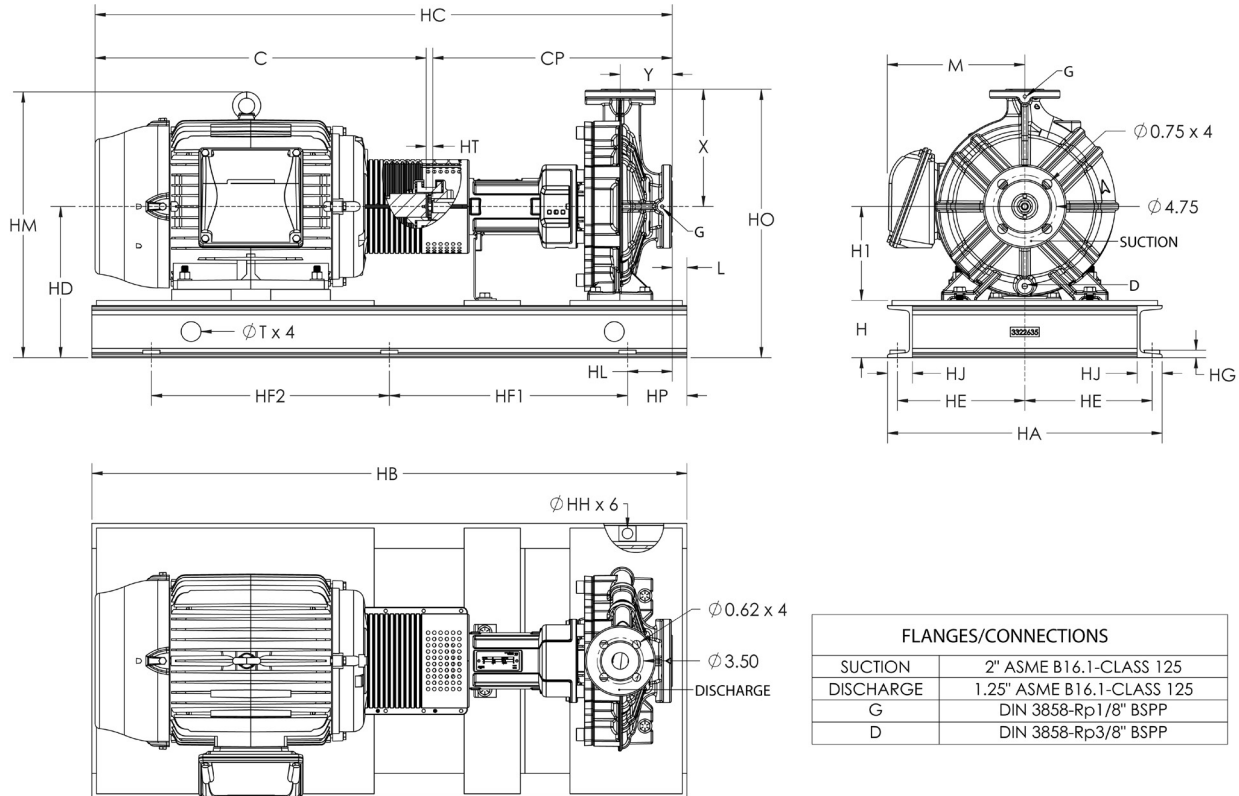
Submittal Data Sheet

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	

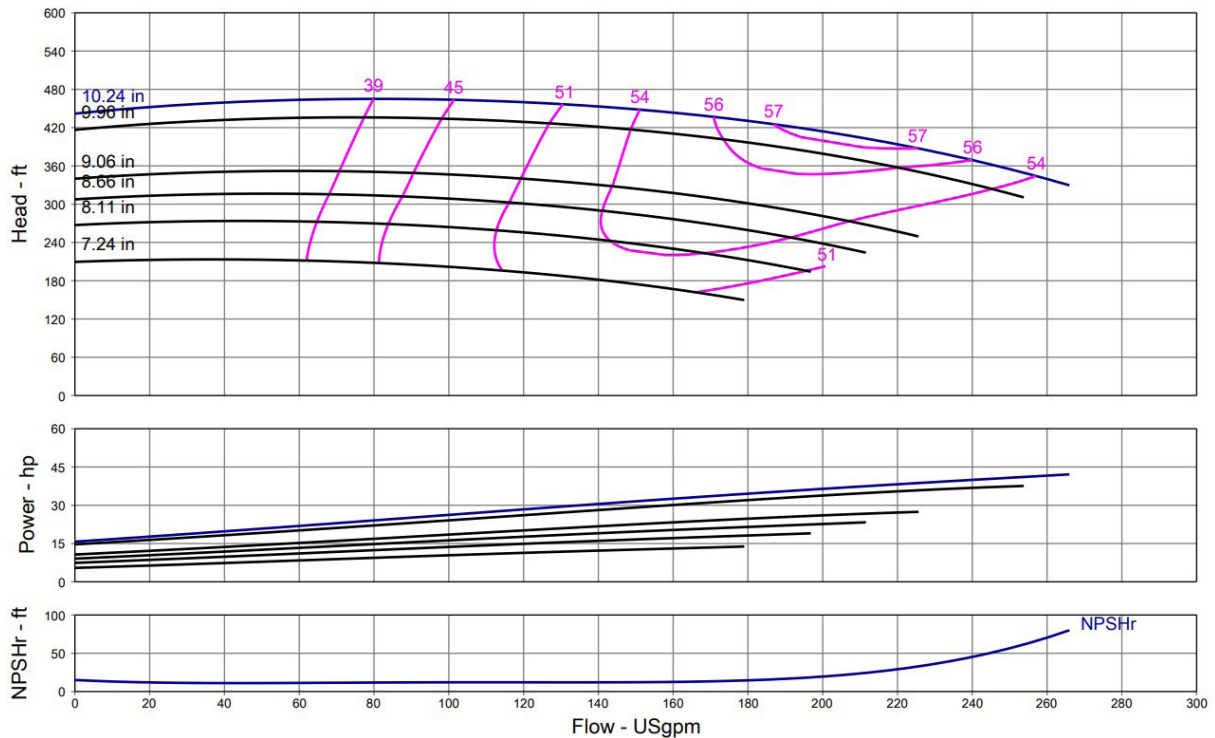
Submittal Data Sheet

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

Technical drawing of a centrifugal pump assembly. The drawing shows a side view of the pump mounted on a base. Key dimensions and components are labeled:

- M**: Total width of the pump assembly.
- H1**: Height from the base to the center of the pump.
- H**: Total height of the pump assembly.
- HJ**: Distance from the center of the pump to the edge of the base.
- HE**: Distance from the center of the pump to the edge of the base (labeled twice).
- HA**: Total width of the base.
- HG**: Height of the base.
- G**: Label for the top of the pump housing.
- Ø 0.75 x 4**: Label for the diameter of the pump housing.
- Ø 4.75**: Label for the diameter of the pump housing.
- SUCTION**: Label for the suction port.
- D**: Label for the base.
- 3302630**: Label for the base part number.

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

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	579			
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	455			
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						