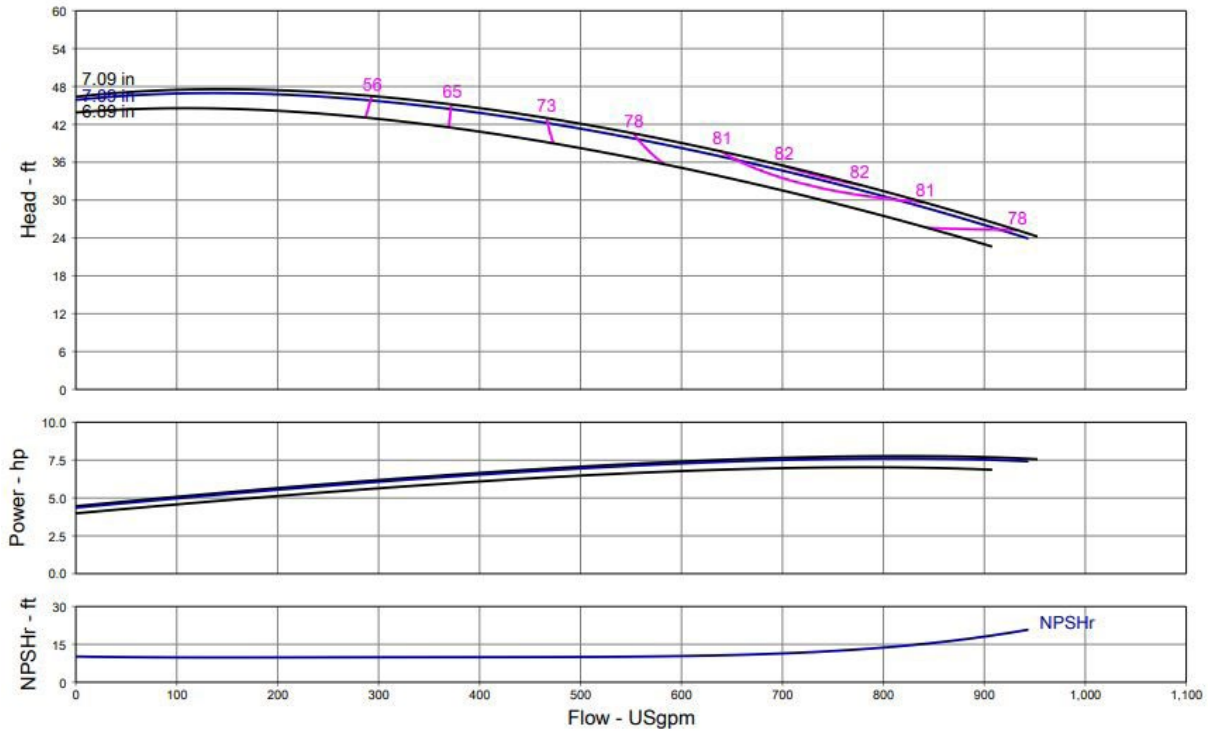
Submittal Data Sheet

Wilo NL-HE – Base Mounted End Suction Pumps

NL-HE 5 x 4 x 6 (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 5 x 4 x 6						**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:	

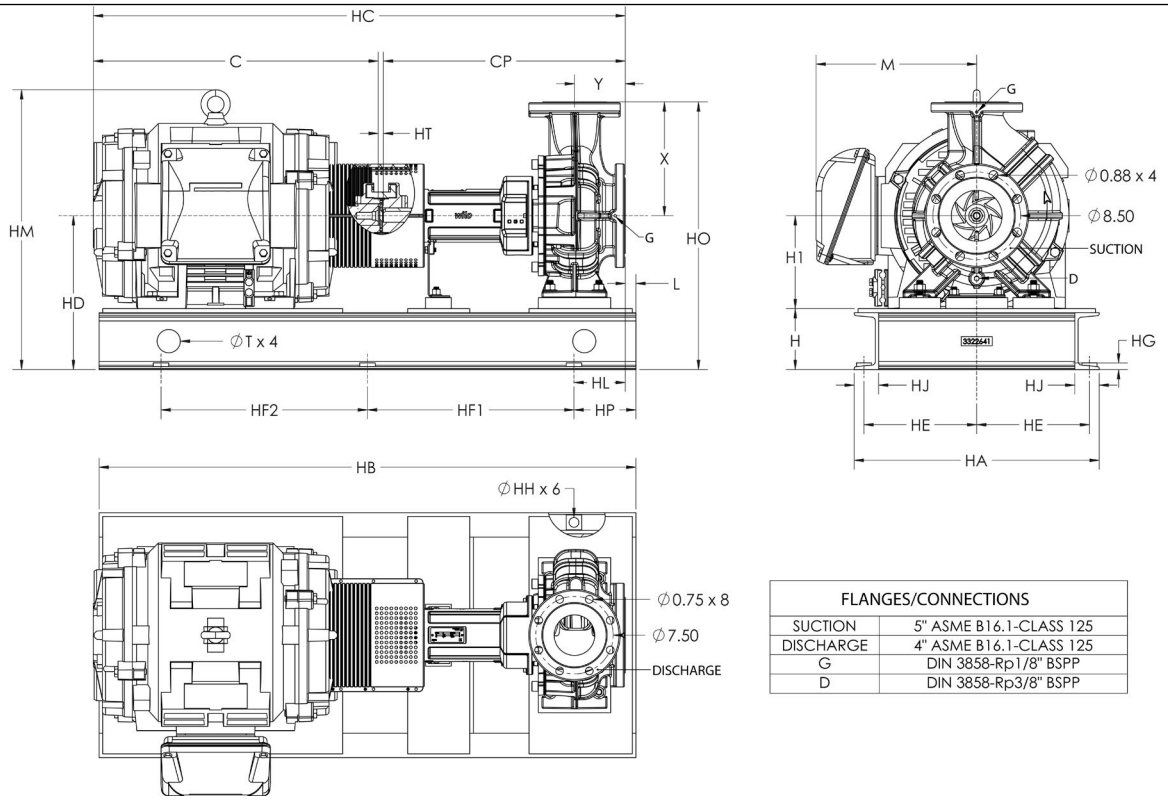
Approval Stamp

Submittal Data Sheet

Wilo NL-HE - Base Mounted End Suction Pumps

Dimensions & Weights

Wilo NL-HE



FLANGES/CONNECTIONS	
SUCTION	5" ASME B16.1-CLASS 125
DISCHARGE	4" ASME B16.1-CLASS 125
G	DIN 3858-Rp1/8" BSPP
D	DIN 3858-Rp3/8" BSPP

NL-HE 5 x 4 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	213/5T	208-230/460	1770	91	0.82	5.9	7.9	11	13.8	24.8	18.7	8.0	21.7	9.9	0.64	2.4	4.9	0.50	40.5	16.6	23.4	1.03	3.73	2.25	0.95	4.8	19	19	48	515
7.5	TEFC	213/5T	208-230/460	1765	91.7	0.82	5.9	7.9	11	13.8	24.8	19.4	8.6	21.7	9.9	0.64	2.4	4.9	0.50	43.5	19.5	23.4	1.03	3.73	2.25	0.95	4.8	19	19	48	567
7.5	ODP	213/5T	575	1770	91	0.82	5.9	7.9	11	13.8	24.8	18.7	8.0	21.7	9.9	0.64	2.4	4.9	0.50	40.5	16.6	23.4	1.03	3.73	2.25	0.95	4.8	19	19	48	515
7.5	TEFC	213/5T	575	1765	91.7	0.82	5.9	7.9	11	13.8	24.8	19.4	8.6	21.7	9.9	0.64	2.4	4.9	0.50	43.5	19.5	23.4	1.03	3.73	2.25	0.95	4.8	19	19	48	566
10	ODP	213/5T	208-230/460	1770	91.7	0.83	5.9	7.9	11	13.8	24.8	18.7	8.0	21.7	9.9	0.64	2.4	4.9	0.50	40.5	16.6	23.4	1.03	3.73	2.25	0.95	4.8	19	19	48	521
10	TEFC	213/5T	208-230/460	1765	91.7	0.83	5.9	7.9	11	13.8	24.8	19.4	8.6	21.7	9.9	0.64	2.4	4.9	0.50	43.5	19.5	23.4	1.03	3.73	2.25	0.95	4.8	19	19	48	578
10	ODP	213/5T	575	1770	91.7	0.83	5.9	7.9	11	13.8	24.8	18.7	8.0	21.7	9.9	0.64	2.4	4.9	0.50	40.5	16.6	23.4	1.03	3.73	2.25	0.95	4.8	19	19	48	521
10	TEFC	213/5T	575	1765	91.7	0.83	5.9	7.9	11	13.8	24.8	19.4	8.6	21.7	9.9	0.64	2.4	4.9	0.50	43.5	19.5	23.4	1.03	3.73	2.25	0.95	4.8	19	19	48	577

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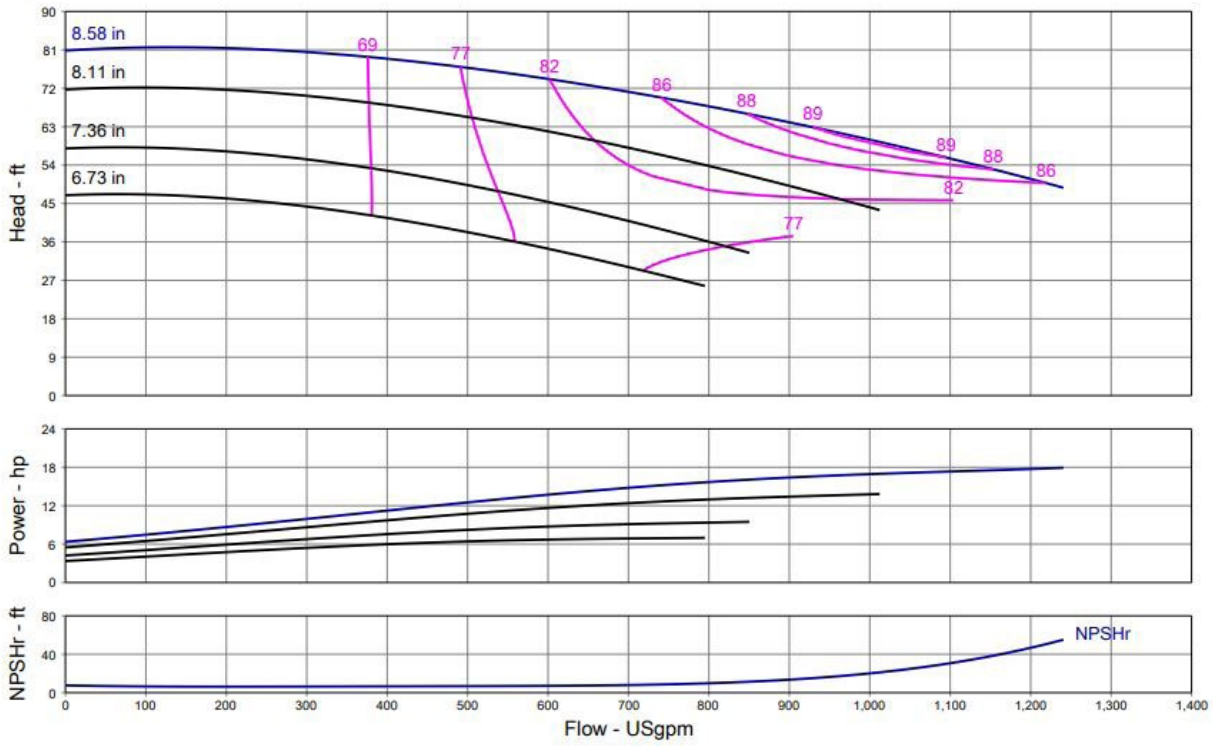
Submittal Data Sheet

Wilo NL-HE – Base Mounted End Suction Pumps

NL-HE 5 x 4 x 8 (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 5 x 4 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:	

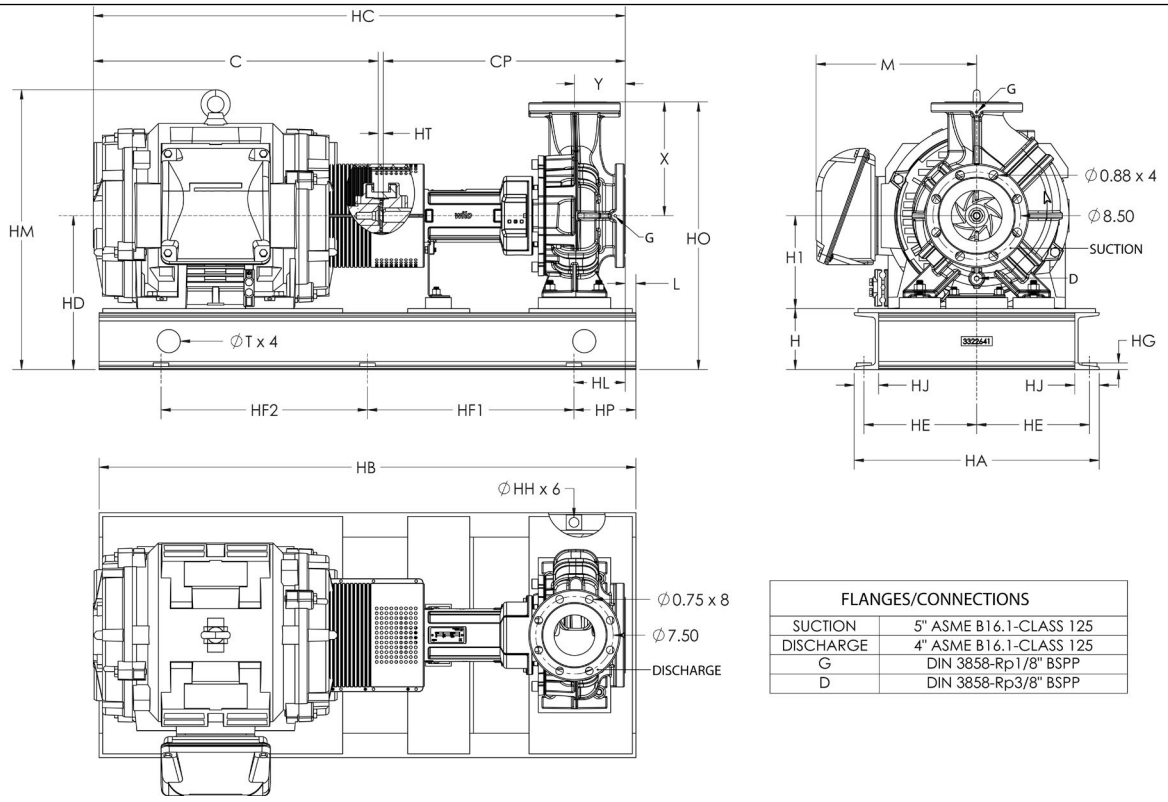
Approval Stamp

Submittal Data Sheet

Wilo NL-HE – Base Mounted End Suction Pumps

Dimensions & Weights

Wilo NL-HE



FLANGES/CONNECTIONS	
SUCTION	5" ASME B16.1-CLASS 125
DISCHARGE	4" ASME B16.1-CLASS 125
G	DIN 3858-Rp1/8" BSPP
D	DIN 3858-Rp3/8" BSPP

NL-HE 5 x 4 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)
7.5	ODP	213/5T	208-230/460	1770	91	0.82	5.9	7.9	11	13.8	24.8	18.7	8.0	21.7	9.9	0.64	2.4	4.9	0.50	40.5	16.6	23.4	1.03	3.73	2.25	0.95	4.8	19	19	48	529
7.5	TEFC	213/5T	208-230/460	1765	91.7	0.82	5.9	7.9	11	13.8	24.8	19.4	8.6	21.7	9.9	0.64	2.4	4.9	0.50	43.5	19.5	23.4	1.03	3.73	2.25	0.95	4.8	19	19	48	581
7.5	ODP	213/5T	575	1770	91	0.82	5.9	7.9	11	13.8	24.8	18.7	8.0	21.7	9.9	0.64	2.4	4.9	0.50	40.5	16.6	23.4	1.03	3.73	2.25	0.95	4.8	19	19	48	529
7.5	TEFC	213/5T	575	1765	91.7	0.82	5.9	7.9	11	13.8	24.8	19.4	8.6	21.7	9.9	0.64	2.4	4.9	0.50	43.5	19.5	23.4	1.03	3.73	2.25	0.95	4.8	19	19	48	580
10	ODP	213/5T	208-230/460	1770	91.7	0.83	5.9	7.9	11	13.8	24.8	18.7	8.0	21.7	9.9	0.64	2.4	4.9	0.50	40.5	16.6	23.4	1.03	3.73	2.25	0.95	4.8	19	19	48	535
10	TEFC	213/5T	208-230/460	1765	91.7	0.83	5.9	7.9	11	13.8	24.8	19.4	8.6	21.7	9.9	0.64	2.4	4.9	0.50	43.5	19.5	23.4	1.03	3.73	2.25	0.95	4.8	19	19	48	592
10	ODP	213/5T	575	1770	91.7	0.83	5.9	7.9	11	13.8	24.8	18.7	8.0	21.7	9.9	0.64	2.4	4.9	0.50	40.5	16.6	23.4	1.03	3.73	2.25	0.95	4.8	19	19	48	535
10	TEFC	213/5T	575	1765	91.7	0.83	5.9	7.9	11	13.8	24.8	19.4	8.6	21.7	9.9	0.64	2.4	4.9	0.50	43.5	19.5	23.4	1.03	3.73	2.25	0.95	4.8	19	19	48	591
15	ODP	254/6T	208-230/460	1775	93	0.8	5.9	7.9	11	13.8	24.8	19.5	9.5	21.7	9.9	0.64	2.4	4.9	0.50	44.4	20.5	23.4	1.03	3.73	2.25	0.95	4.8	19	19	48	604
15	TEFC	254/6T	208-230/460	1765	92.4	0.83	5.9	7.9	11	13.8	24.8	22.4	10.5	23.7	10.9	0.64	2.4	4.9	0.50	49.0	25.0	23.4	1.03	4.98	2.25	0.95	6.0	20	20	52	783
15	ODP	254/6T	575	1775	93	0.8	5.9	7.9	11	13.8	24.8	19.5	9.5	21.7	9.9	0.64	2.4	4.9	0.50	44.4	20.5	23.4	1.03	3.73	2.25	0.95	4.8	19	19	48	604
15	TEFC	254/6T	575	1765	92.4	0.83	5.9	7.9	11	13.8	24.8	22.4	10.5	23.7	10.9	0.64	2.4	4.9	0.50	49.0	25.0	23.4	1.03	4.98	2.25	0.95	6.0	20	20	52	781
20	ODP	254/6T	208-230/460	1770	93	0.81	5.9	7.9	11	13.8	24.8	19.5	9.5	21.7	9.9	0.64	2.4	4.9	0.50	44.4	20.5	23.4	1.03	3.73	2.25	0.95	4.8	19	19	48	629
20	TEFC	254/6T	208-230/460	1765	93	0.84	5.9	7.9	11	13.8	24.8	22.4	10.5	23.7	10.9	0.64	2.4	4.9	0.50	49.0	25.0	23.4	1.03	4.98	2.25	0.95	6.0	20	20	52	831
20	ODP	254/6T	575	1770	93	0.81	5.9	7.9	11	13.8	24.8	19.5	9.5	21.7	9.9	0.64	2.4	4.9	0.50	44.4	20.5	23.4	1.03	3.73	2.25	0.95	4.8	19	19	48	628
20	TEFC	254/6T	575	1765	93	0.84	5.9	7.9	11	13.8	24.8	22.4	10.5	23.7	10.9	0.64	2.4	4.9	0.50	49.0	25.0	23.4	1.03	4.98	2.25	0.95	6.0	20	20	52	829

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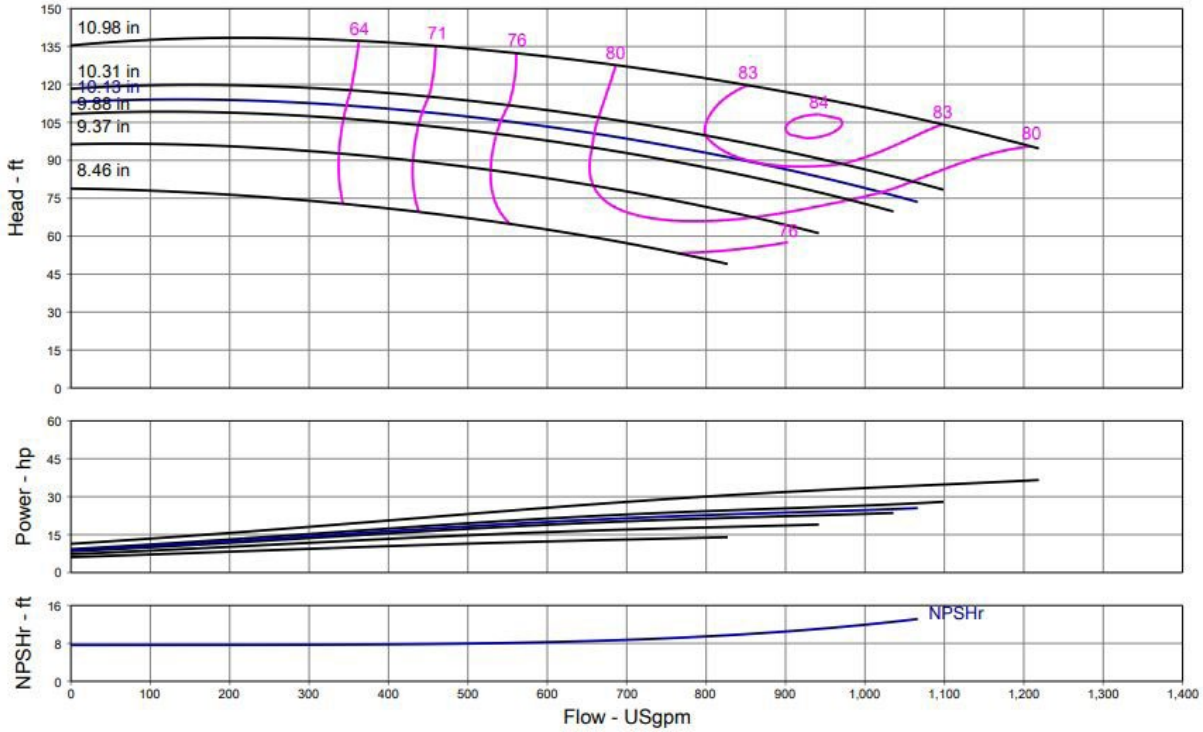
Submittal Data Sheet

Wilo NL-HE – Base Mounted End Suction Pumps

NL-HE 5 x 4 x 10 (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 5 x 4 x 10						**60Hz**	**3**		



Technical Data

PEI	
0.94	
Approved Fluids	
Heating Water	
Cooling and cold water	
Pressure /Temperature Ratings	
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Max Working Pressure & Temperature:	189 psi (up to 284 °F Fluid Temperature) 232 psi (up to 248 °F Fluid Temperature)
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☐	Other:	

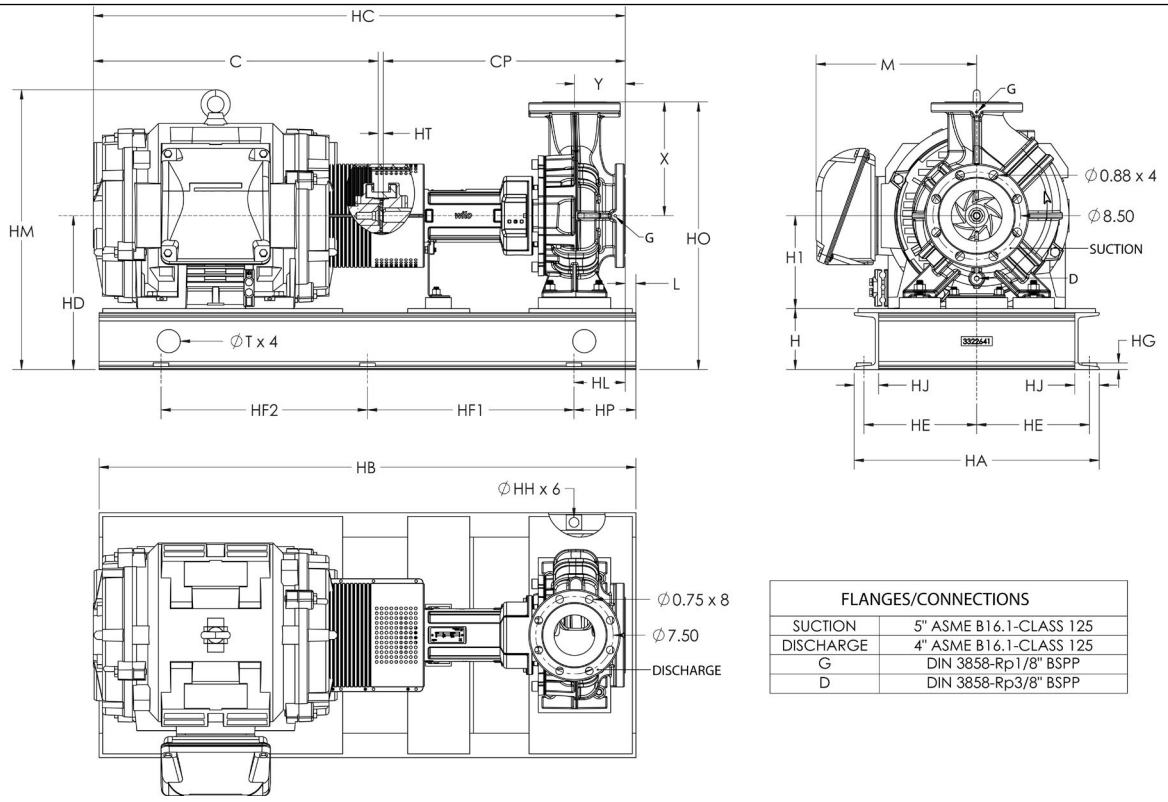
Approval Stamp

Submittal Data Sheet

Wilo NL-HE – Base Mounted End Suction Pumps

Dimensions & Weights

Wilo NL-HE



FLANGES/CONNECTIONS	
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DISCHARGE	4" ASME B16.1-CLASS 125
G	DIN 3858-Rp1/8" BSPP
D	DIN 3858-Rp3/8" BSPP

NL-HE 5 x 4 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	254/6T	208-230/460	1775	93	0.8	5.9	8.9	11	14.8	25.8	20.5	9.5	21.7	9.9	0.64	2.4	5.5	0.50	45.0	20.5	24.0	0.43	4.32	2.25	0.95	4.8	19	19	48	632
15	TEFC	254/6T	208-230/460	1765	92.4	0.83	5.9	8.9	11	14.8	25.8	23.4	10.5	23.7	10.9	0.64	2.4	5.5	0.50	49.6	25.0	24.0	0.43	5.57	2.25	0.95	6.0	20	20	52	812
15	ODP	254/6T	575	1775	93	0.8	5.9	8.9	11	14.8	25.8	20.5	9.5	21.7	9.9	0.64	2.4	5.5	0.50	45.0	20.5	24.0	0.43	4.32	2.25	0.95	4.8	19	19	48	632
15	TEFC	254/6T	575	1765	92.4	0.83	5.9	8.9	11	14.8	25.8	23.4	10.5	23.7	10.9	0.64	2.4	5.5	0.50	49.6	25.0	24.0	0.43	5.57	2.25	0.95	6.0	20	20	52	810
20	ODP	254/6T	208-230/460	1770	93	0.81	5.9	8.9	11	14.8	25.8	20.5	9.5	21.7	9.9	0.64	2.4	5.5	0.50	45.0	20.5	24.0	0.43	4.32	2.25	0.95	4.8	19	19	48	657
20	TEFC	254/6T	208-230/460	1765	93	0.84	5.9	8.9	11	14.8	25.8	23.4	10.5	23.7	10.9	0.64	2.4	5.5	0.50	49.6	25.0	24.0	0.43	5.57	2.25	0.95	6.0	20	20	52	860
20	ODP	254/6T	575	1770	93	0.81	5.9	8.9	11	14.8	25.8	20.5	9.5	21.7	9.9	0.64	2.4	5.5	0.50	45.0	20.5	24.0	0.43	4.32	2.25	0.95	4.8	19	19	48	656
20	TEFC	254/6T	575	1765	93	0.84	5.9	8.9	11	14.8	25.8	23.4	10.5	23.7	10.9	0.64	2.4	5.5	0.50	49.6	25.0	24.0	0.43	5.57	2.25	0.95	6.0	20	20	52	858
25	ODP	284T	208-230/460	1770	93.6	0.84	5.9	8.9	11	14.8	25.8	23.5	11.9	23.7	10.9	0.64	2.4	5.5	0.50	47.7	23.2	24.0	0.43	5.57	2.25	0.95	6.0	20	20	52	856
25	TEFC	284/6T	208-230/460	1765	93.6	0.84	5.9	8.9	11	14.8	25.8	23.9	11.1	23.7	10.9	0.64	2.4	5.5	0.50	52.5	27.9	24.0	0.48	5.52	2.25	0.95	6.0	20	20	52	920
25	ODP	284T	575	1770	93.6	0.84	5.9	8.9	11	14.8	25.8	23.5	11.9	23.7	10.9	0.64	2.4	5.5	0.50	47.7	23.2	24.0	0.43	5.57	2.25	0.95	6.0	20	20	52	855
25	TEFC	284/6T	575	1765	93.6	0.84	5.9	8.9	11	14.8	25.8	23.9	11.1	23.7	10.9	0.64	2.4	5.5	0.50	52.5	27.9	24.0	0.48	5.52	2.25	0.95	6.0	20	20	52	918
30	ODP	284/6T	208-230/460	1770	94.1	0.84	5.9	8.9	11	14.8	25.8	23.5	11.9	23.7	10.9	0.64	2.4	5.5	0.50	49.2	24.7	24.0	0.43	5.57	2.25	0.95	6.0	20	20	52	909
30	TEFC	284/6T	208-230/460	1765	93.6	0.84	5.9	8.9	11	14.8	25.8	23.9	11.1	23.7	10.9	0.64	2.4	5.5	0.50	52.5	27.9	24.0	0.48	5.52	2.25	0.95	6.0	20	20	52	963
30	ODP	284/6T	575	1770	94.1	0.84	5.9	8.9	11	14.8	25.8	23.5	11.9	23.7	10.9	0.64	2.4	5.5	0.50	49.2	24.7	24.0	0.43	5.57	2.25	0.95	6.0	20	20	52	908
30	TEFC	284/6T	575	1765	93.6	0.84	5.9	8.9	11	14.8	25.8	23.9	11.1	23.7	10.9	0.64	2.4	5.5	0.50	52.5	27.9	24.0	0.48	5.52	2.25	0.95	6.0	20	20	52	961
40	ODP	324T	208-230/460	1775	94.1	0.84	5.9	8.9	11	14.8	25.8	24.5	13.4	23.7	10.9	0.64	2.4	5.5	0.50	50.3	25.8	24.0	0.43	5.57	2.25	0.95	6.0	20	20	52	954
40	TEFC	324/6T	208-230/460	1770	94.1	0.85	6.0	8.9	11	14.8	25.9	25.2	12.6	26.7	12.4	0.64	2.4	5.5	0.50	55.6	31.1	24.0	0.73	6.27	2.25	0.95	7.0	22	22	58	1155
40	ODP	324T	575	1775	94.1	0.84	5.9	8.9	11	14.8	25.8	24.5	13.4	23.7	10.9	0.64	2.4	5.5	0.50	50.3	25.8	24.0	0.43	5.57	2.25	0.95	6.0	20	20	52	952
40	TEFC	324/6T	575	1770	94.1	0.85	6.0	8.9	11	14.8	25.9	25.2	12.6	26.7	12.4	0.64	2.4	5.5	0.50	55.6	31.1	24.0	0.73	6.27	2.25	0.95	7.0	22	22	58	1152

Submittal Data Sheet

Wilo NL-HE – Base Mounted End Suction Pumps

NL-HE 5 x 4 x 12 (4 Pole)

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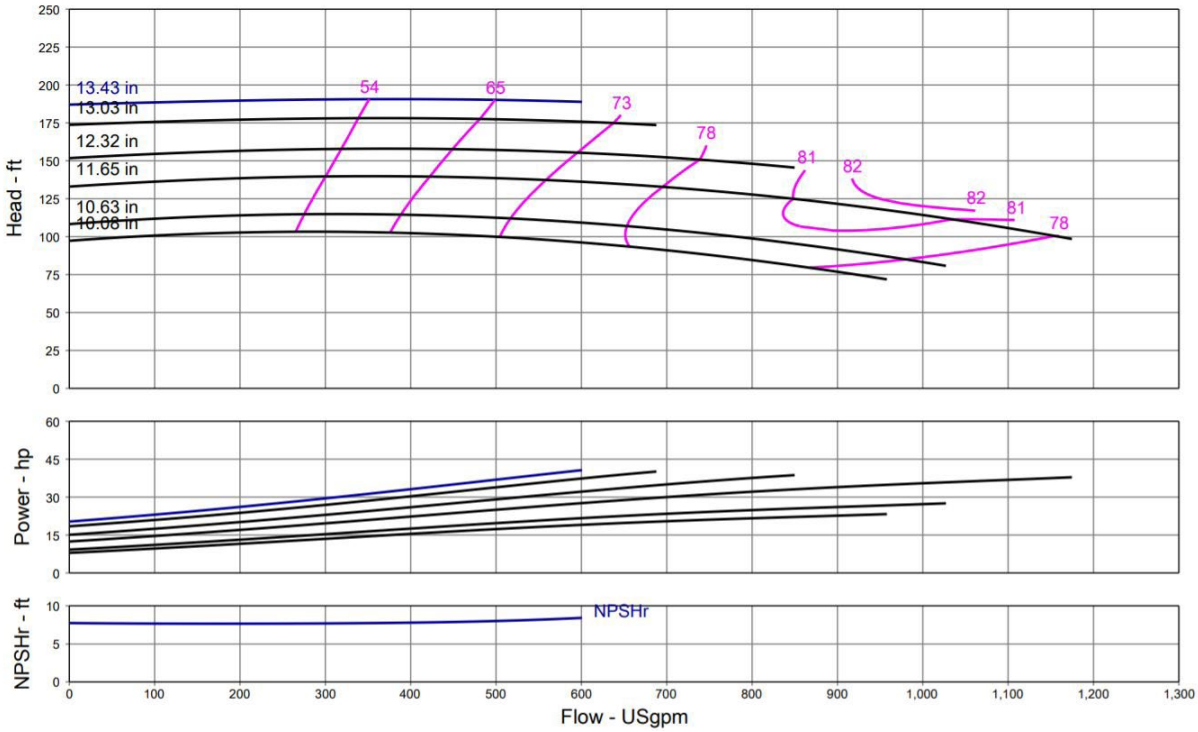
	Engineer:									
	Contractor:									
	Submitted By:						Date:			
	Approved By:						Date:			
Tag #	**Model #**	**Flow** (USGPM)	**Head** (Feet)	**HP**	**Enclosure**	**Frame**	**Cycle**	**Phase**	**Voltage**	**RPM**
	NL-HE 5 x 4 x 12						**60Hz**	**3**		



Technical Data	
PEI	
0.94	
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:	

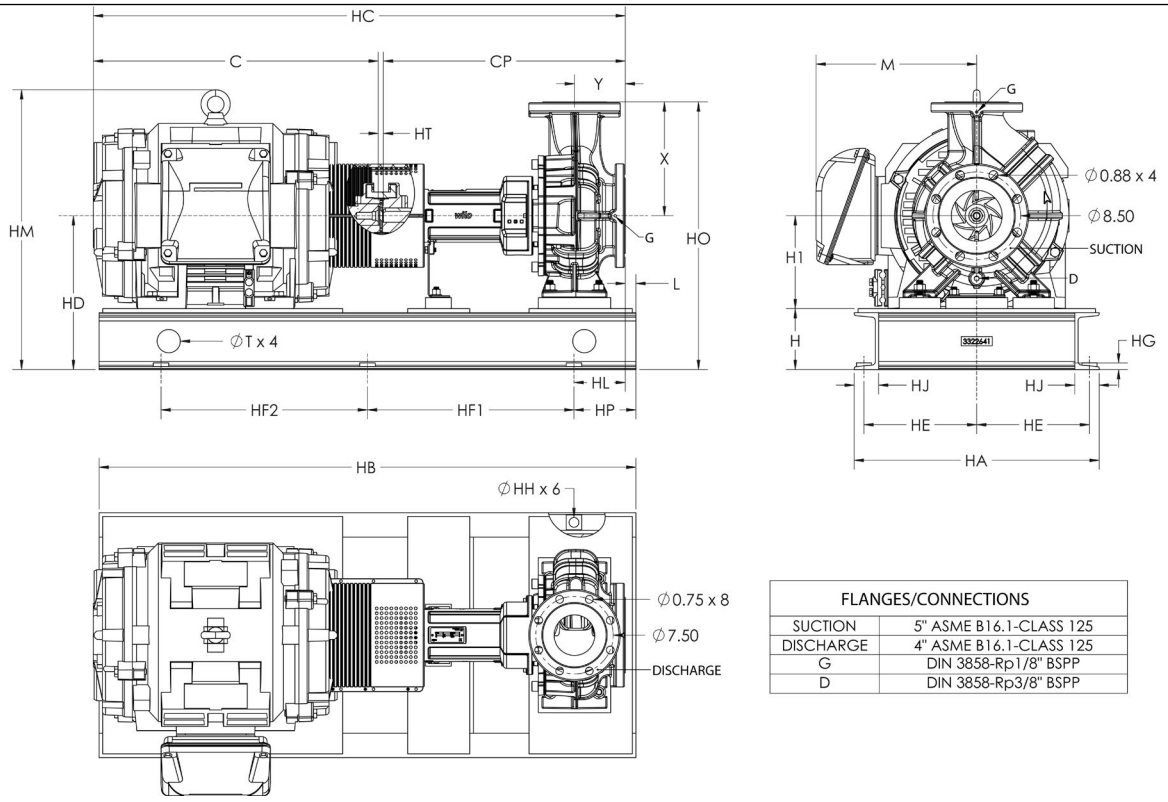
Approval Stamp

Submittal Data Sheet

Wilo NL-HE - Base Mounted End Suction Pumps

Dimensions & Weights

Wilo NL-HE



FLANGES/CONNECTIONS	
SUCTION	5" ASME B16.1-CLASS 125
DISCHARGE	4" ASME B16.1-CLASS 125
G	DIN 3858-Rp1/8" BSPP
D	DIN 3858-Rp3/8" BSPP

NL-HE 5 x 4 x 12

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)
25	ODP	284T	208-230/460	1770	93.6	0.84	5.9	9.8	12.4	15.7	28.1	24.5	11.9	23.7	10.9	0.64	2.4	5.5	0.50	47.7	23.2	24.0	0.43	5.57	2.25	0.95	6.0	20	20	52	927
25	TEFC	284/6T	208-230/460	1765	93.6	0.84	5.9	9.8	12.4	15.7	28.1	24.9	11.1	23.7	10.9	0.64	2.4	5.5	0.50	52.5	27.9	24.0	0.48	5.52	2.25	0.95	6.0	20	20	52	991
25	ODP	284T	575	1770	93.6	0.84	5.9	9.8	12.4	15.7	28.1	24.5	11.9	23.7	10.9	0.64	2.4	5.5	0.50	47.7	23.2	24.0	0.43	5.57	2.25	0.95	6.0	20	20	52	926
25	TEFC	284/6T	575	1765	93.6	0.84	5.9	9.8	12.4	15.7	28.1	24.9	11.1	23.7	10.9	0.64	2.4	5.5	0.50	52.5	27.9	24.0	0.48	5.52	2.25	0.95	6.0	20	20	52	989
30	ODP	284/6T	208-230/460	1770	94.1	0.84	5.9	9.8	12.4	15.7	28.1	24.5	11.9	23.7	10.9	0.64	2.4	5.5	0.50	49.2	24.7	24.0	0.43	5.57	2.25	0.95	6.0	20	20	52	981
30	TEFC	284/6T	208-230/460	1765	93.6	0.84	5.9	9.8	12.4	15.7	28.1	24.9	11.1	23.7	10.9	0.64	2.4	5.5	0.50	52.5	27.9	24.0	0.48	5.52	2.25	0.95	6.0	20	20	52	1035
30	ODP	284/6T	575	1770	94.1	0.84	5.9	9.8	12.4	15.7	28.1	24.5	11.9	23.7	10.9	0.64	2.4	5.5	0.50	49.2	24.7	24.0	0.43	5.57	2.25	0.95	6.0	20	20	52	980
30	TEFC	284/6T	575	1765	93.6	0.84	5.9	9.8	12.4	15.7	28.1	24.9	11.1	23.7	10.9	0.64	2.4	5.5	0.50	52.5	27.9	24.0	0.48	5.52	2.25	0.95	6.0	20	20	52	1033
40	ODP	324T	208-230/460	1775	94.1	0.84	5.9	9.8	12.4	15.7	28.1	25.5	13.4	23.7	10.9	0.64	2.4	5.5	0.50	50.3	25.8	24.0	0.43	5.57	2.25	0.95	6.0	20	20	52	1026
40	TEFC	324/6T	208-230/460	1770	94.1	0.85	6.0	9.8	12.4	15.8	28.2	26.2	12.6	26.7	12.4	0.64	2.4	5.5	0.50	55.6	31.1	24.0	0.88	6.12	2.25	0.95	7.0	22	22	58	1227
40	ODP	324T	575	1775	94.1	0.84	5.9	9.8	12.4	15.7	28.1	25.5	13.4	23.7	10.9	0.64	2.4	5.5	0.50	50.3	25.8	24.0	0.43	5.57	2.25	0.95	6.0	20	20	52	1024
40	TEFC	324/6T	575	1770	94.1	0.85	6.0	9.8	12.4	15.8	28.2	26.2	12.6	26.7	12.4	0.64	2.4	5.5	0.50	55.6	31.1	24.0	0.88	6.12	2.25	0.95	7.0	22	22	58	1224

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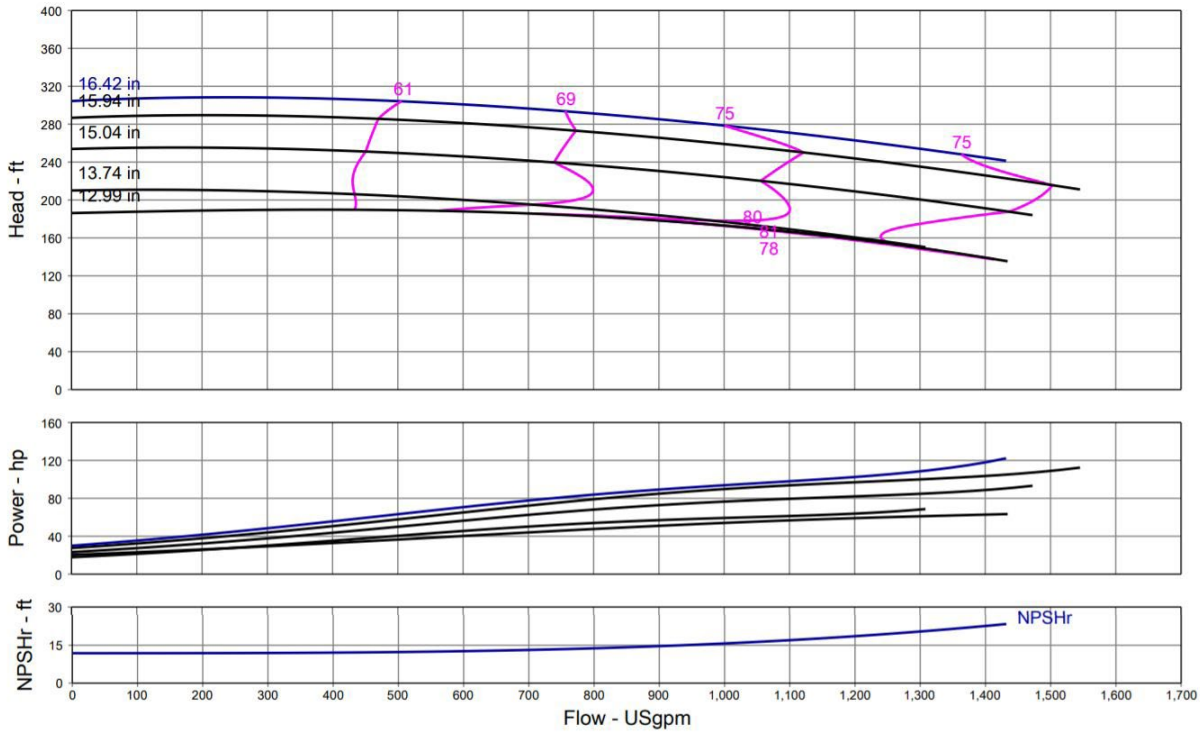
Submittal Data Sheet

Wilo NL-HE – Base Mounted End Suction Pumps

NL-HE 5 x 4 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 5 x 4 x 16						**60Hz**	**3**		



Technical Data

PEI	
0.96	
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:	

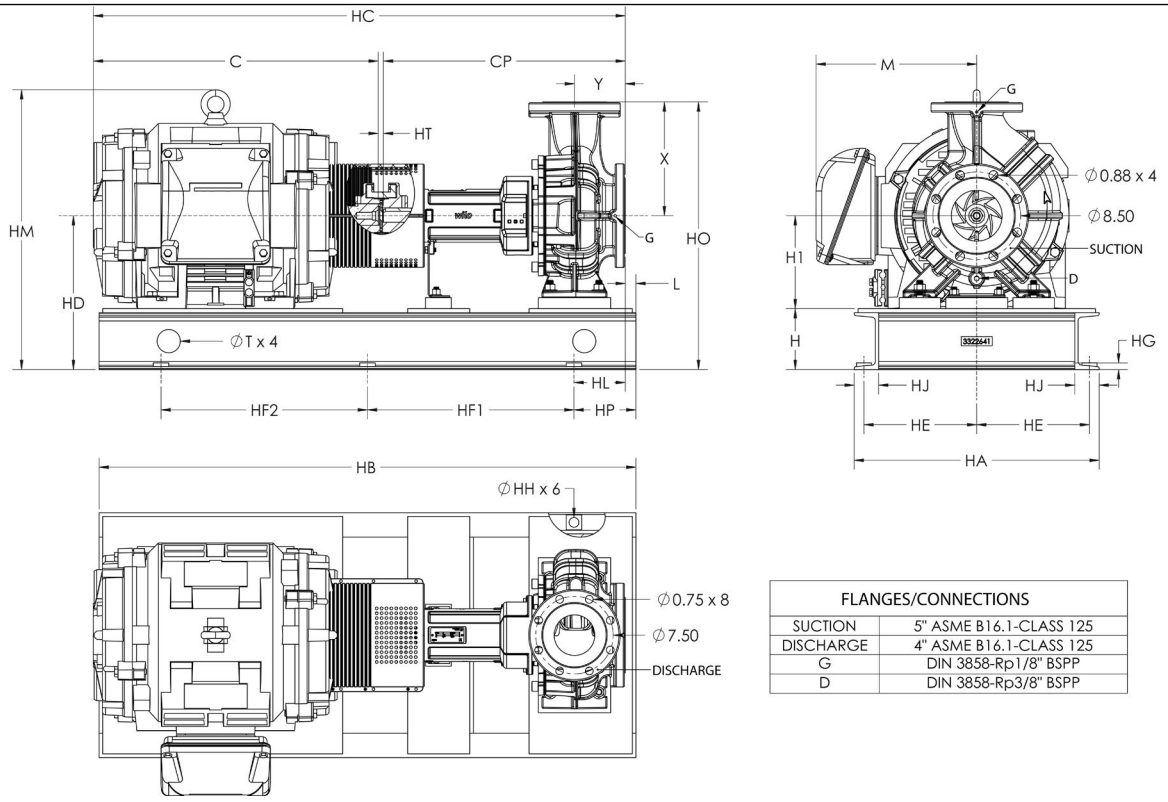
Approval Stamp

Submittal Data Sheet

Wilo NL-HE - Base Mounted End Suction Pumps

Dimensions & Weights

Wilo NL-HE



FLANGES/CONNECTIONS	
SUCTION	5" ASME B16.1-CLASS 125
DISCHARGE	4" ASME B16.1-CLASS 125
G	DIN 3858-Rp1/8" BSPP
D	DIN 3858-Rp3/8" BSPP

NL-HE 5 x 4 x 16

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)
75	ODP	364/5T	208-230/460	1780	95	0.85	6.0	11	14	17.0	31.0	29.2	15.6	26.2	12.2	0.64	2.4	5.5	0.50	56.5	29.7	26.4	1.18	5.82	2.25	0.95	7.0	23	23	60	1594
75	TEFC	364/5T	208-230/460	1780	95.4	0.83	6.1	11	14	17.1	31.1	26.1	16.0	28.7	13.4	0.64	2.4	5.5	0.50	61.4	34.5	26.4	1.28	6.72	2.25	0.95	8.0	25	25	66	1836
75	ODP	364/5T	575	1780	95	0.85	6.0	11	14	17.0	31.0	29.2	15.6	26.2	12.2	0.64	2.4	5.5	0.50	56.5	29.7	26.4	1.18	5.82	2.25	0.95	7.0	23	23	60	1591
75	TEFC	364/5T	575	1780	95.4	0.83	6.1	11	14	17.1	31.1	26.1	16.0	28.7	13.4	0.64	2.4	5.5	0.50	61.4	34.5	26.4	1.28	6.72	2.25	0.95	8.0	25	25	66	1832
100	ODP	404/5T	208-230/460	1780	95.4	0.86	6.1	11	14	17.1	31.1	29.3	15.6	29.7	13.9	0.64	2.4	5.5	0.50	61.0	34.1	26.4	1.28	6.72	2.25	0.95	8.0	25	25	66	1864
100	TEFC	404/5T	208-230/460	1780	95.4	0.87	6.1	11	14	17.1	31.1	26.7	16.0	29.7	13.9	0.64	2.4	5.5	0.50	66.6	39.7	26.4	1.28	6.72	2.25	0.95	8.0	25	25	66	2079
100	ODP	404/5T	575	1780	95.4	0.86	6.1	11	14	17.1	31.1	29.3	15.6	29.7	13.9	0.64	2.4	5.5	0.50	61.0	34.1	26.4	1.28	6.72	2.25	0.95	8.0	25	25	66	1858
100	TEFC	404/5T	575	1780	95.4	0.87	6.1	11	14	17.1	31.1	26.7	16.0	29.7	13.9	0.64	2.4	5.5	0.50	66.6	39.7	26.4	1.28	6.72	2.25	0.95	8.0	25	25	66	2072
125	ODP	404/5T	208-230/460	1780	95.4	0.86	6.1	11	14	17.1	31.1	29.3	15.6	29.7	13.9	0.64	2.4	5.5	0.50	61.0	34.1	26.4	1.28	6.72	2.25	0.95	8.0	25	25	66	1940
125	TEFC	444/5T	208-230/460	1780	95.4	0.85	7.7	11	14	18.7	32.7	30.5	18.6	31.5	14.7	0.72	2.8	5.5	1.40	72.9	45.1	26.4	1.68	5.82	3.00	1.10	7.5	30	30	75	2722
125	ODP	404/5T	575	1780	95.4	0.86	6.1	11	14	17.1	31.1	29.3	15.6	29.7	13.9	0.64	2.4	5.5	0.50	61.0	34.1	26.4	1.28	6.72	2.25	0.95	8.0	25	25	66	1935
125	TEFC	444/5T	575	1780	95.4	0.85	7.7	11	14	18.7	32.7	30.5	18.6	31.5	14.7	0.72	2.8	5.5	1.40	72.9	45.1	26.4	1.68	5.82	3.00	1.10	7.5	30	30	75	2718