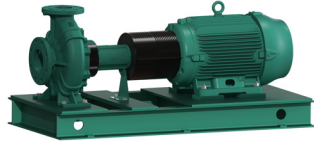


Submittal Data Sheet

Wilco NL-HE - Base Mounted End Suction Pumps



NL-HE 4 x 3 x 6 (4 Pole)



Project:

Engineer:

Contractor:

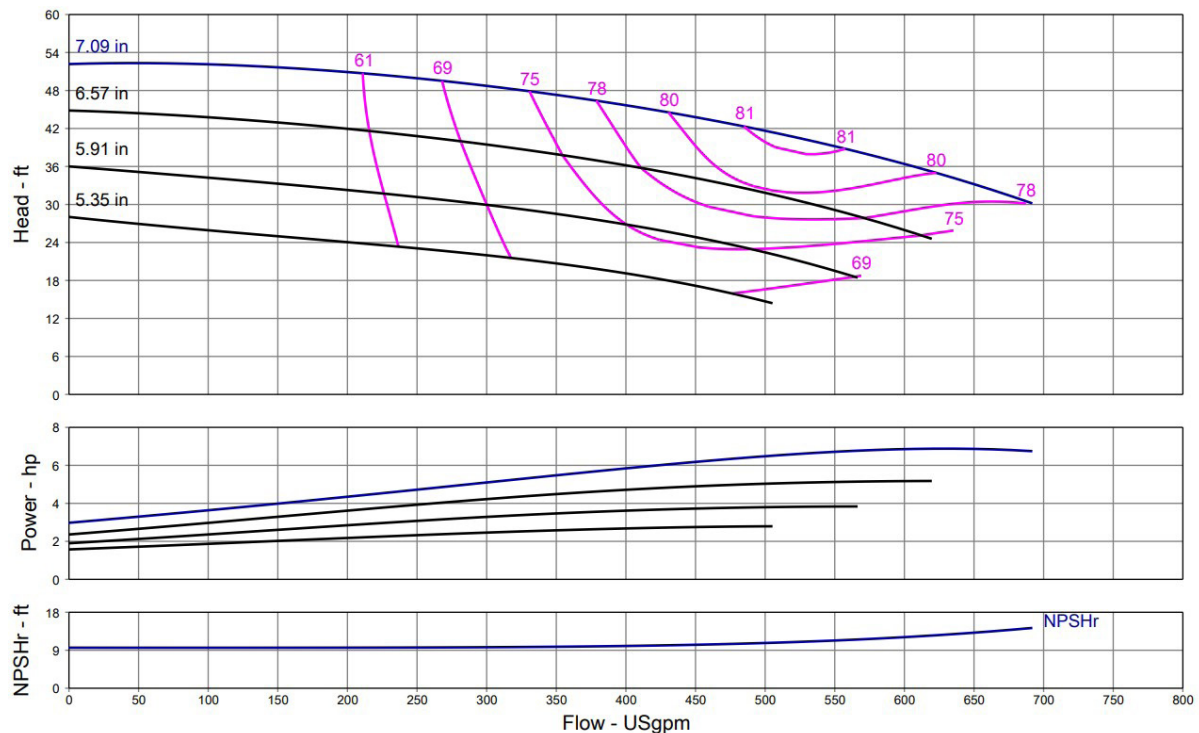
Submitted By:

Date:

Approved By:

Date:

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

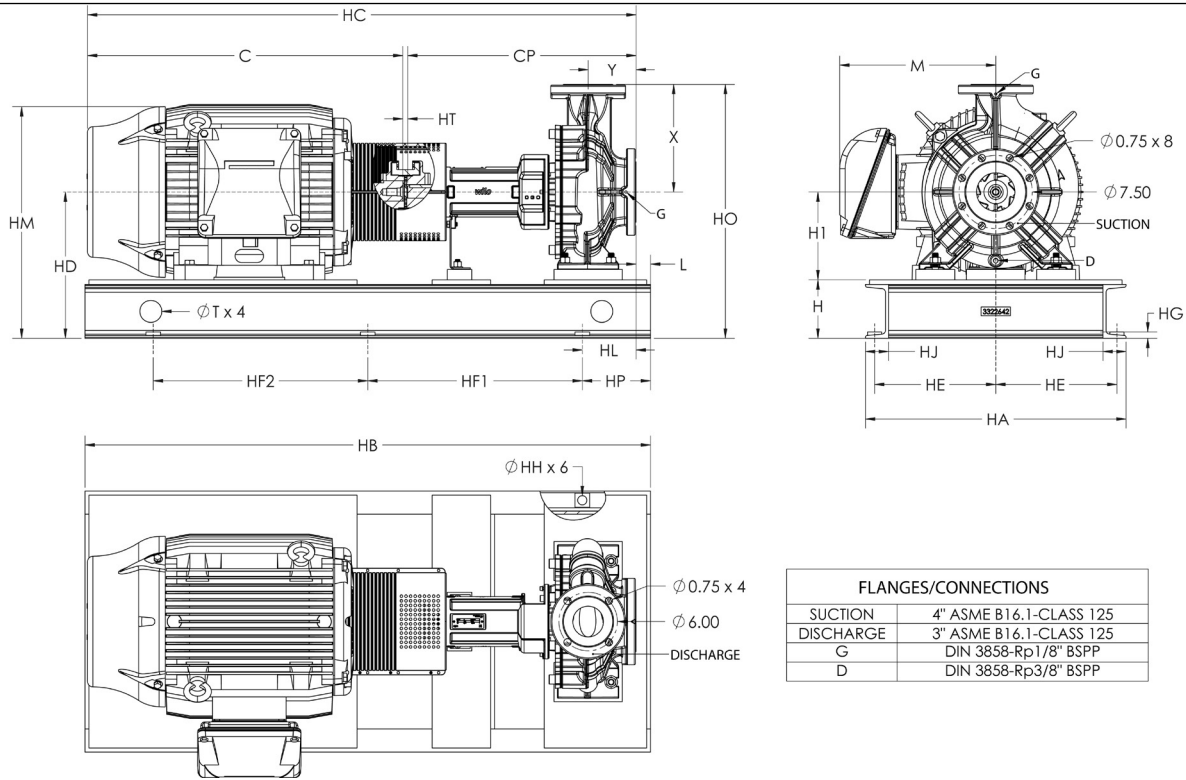
Submittal Data Sheet

Wilo NL-HE – Base Mounted End Suction Pumps



Dimensions & Weights

Wilo NL-HE



NL-HE 4 x 3 x 6

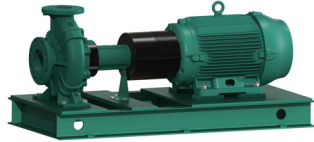
Motor							Dimensions – Inches																										
HP	ENCL	Frame	Volt	RPM	EFF	PF	H	H1	X	HD	HO	HM	M	HA	HE	HG	HJ	Y	HT	HC	C	CP	L	HL	T	HH	HP	HF1	HF2	HB	Wt. (lb)		
3	ODP	182/4T	208-230/460	1765	89.5	0.8	4.3	7.1	8.9	11.4	20.3	15.5	6.7	17.3	7.9	0.57	1.9	4.9	0.50	34.8	15.2	19.1	0.02	4.48	1.50	0.80	4.5	13	13	35	307		
3	TEFC	182/4T	208-230/460	1760	89.5	0.79	4.3	7.1	8.9	11.4	20.3	15.8	7.6	17.3	7.9	0.57	1.9	4.9	0.50	35.5	15.9	19.1	0.02	4.48	1.50	0.80	4.5	15	15	39	341		
3	ODP	182/4T	575	1765	89.5	0.8	4.3	7.1	8.9	11.4	20.3	15.5	6.7	17.3	7.9	0.57	1.9	4.9	0.50	34.8	15.2	19.1	0.02	4.48	1.50	0.80	4.5	13	13	35	307		
3	TEFC	182/4T	575	1760	89.5	0.79	4.3	7.1	8.9	11.4	20.3	15.8	7.6	17.3	7.9	0.57	1.9	4.9	0.50	35.5	15.9	19.1	0.02	4.48	1.50	0.80	4.5	15	15	39	339		
5	ODP	182/4T	208-230/460	1760	89.5	0.82	4.3	7.1	8.9	11.4	20.3	15.5	6.7	17.3	7.9	0.57	1.9	4.9	0.50	35.9	16.3	19.1	0.02	4.48	1.50	0.80	4.5	15	15	39	331		
5	TEFC	182/4T	208-230/460	1755	89.5	0.8	4.3	7.1	8.9	11.4	20.3	15.8	7.6	17.3	7.9	0.57	1.9	4.9	0.50	35.5	15.9	19.1	0.02	4.48	1.50	0.80	4.5	15	15	39	349		
5	ODP	182/4T	575	1760	89.5	0.82	4.3	7.1	8.9	11.4	20.3	15.5	6.7	17.3	7.9	0.57	1.9	4.9	0.50	35.9	16.3	19.1	0.02	4.48	1.50	0.80	4.5	15	15	39	331		
5	TEFC	182/4T	575	1755	89.5	0.8	4.3	7.1	8.9	11.4	20.3	15.8	7.6	17.3	7.9	0.57	1.9	4.9	0.50	35.5	15.9	19.1	0.02	4.48	1.50	0.80	4.5	15	15	39	347		
7.5	ODP	213/5T	208-230/460	1770	91	0.82	4.3	7.1	8.9	11.4	20.3	16.3	8.0	17.3	7.9	0.57	1.9	4.9	0.50	36.2	16.6	19.1	0.02	4.48	1.50	0.80	4.5	15	15	39	364		
7.5	TEFC	213/5T	208-230/460	1765	91.7	0.82	4.3	7.1	8.9	11.4	20.3	17.0	8.6	17.3	7.9	0.57	1.9	4.9	0.50	39.1	19.5	19.1	0.13	4.38	1.50	0.80	4.5	15	15	39	416		
7.5	ODP	213/5T	575	1770	91	0.82	4.3	7.1	8.9	11.4	20.3	16.3	8.0	17.3	7.9	0.57	1.9	4.9	0.50	36.2	16.6	19.1	0.02	4.48	1.50	0.80	4.5	15	15	39	364		
7.5	TEFC	213/5T	575	1765	91.7	0.82	4.3	7.1	8.9	11.4	20.3	17.0	8.6	17.3	7.9	0.57	1.9	4.9	0.50	39.1	19.5	19.1	0.13	4.38	1.50	0.80	4.5	15	15	39	415		

Submittal Data Sheet

Wilo NL-HE – Base Mounted End Suction Pumps



NL-HE 4 x 3 x 8 (4 Pole)



Project:

Engineer:

Contractor:

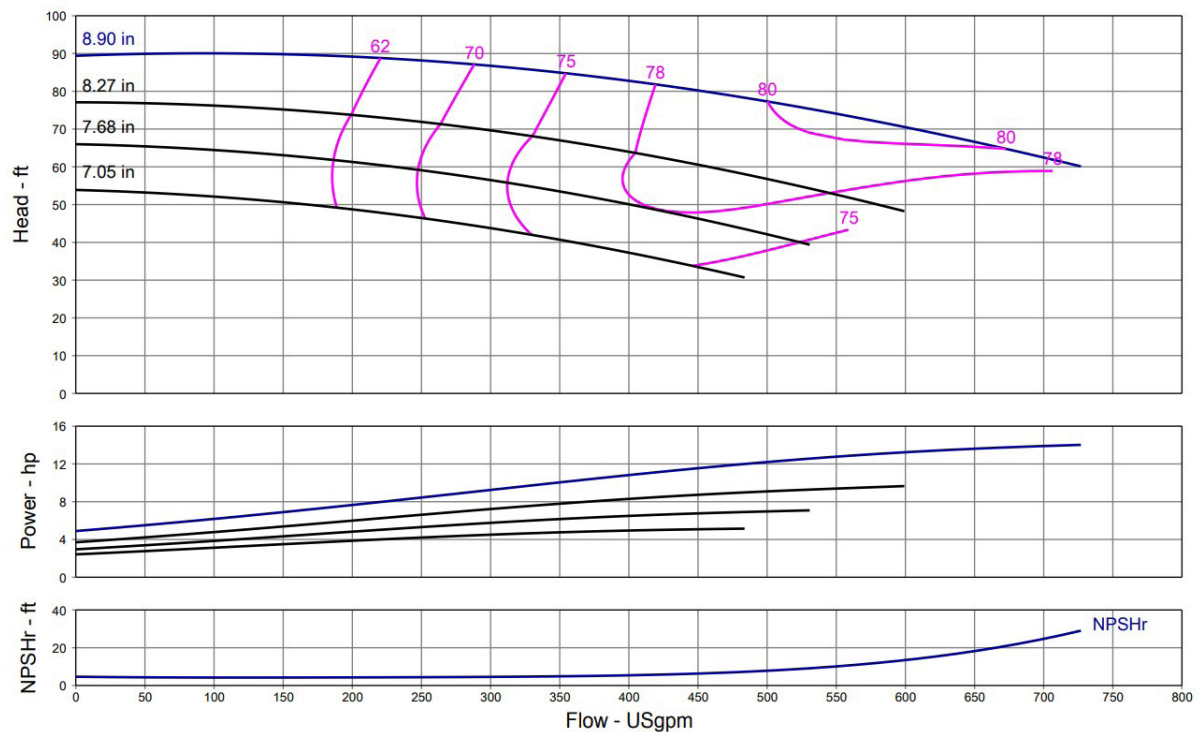
Submitted By:

Date:

Approved By:

Date:

Tag #	Model #	Flow (USGPM)	Head (Feet)	HP	Enclosure	Frame	Cycle	Phase	Voltage	RPM
	NL-HE 4 x 3 x 8						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

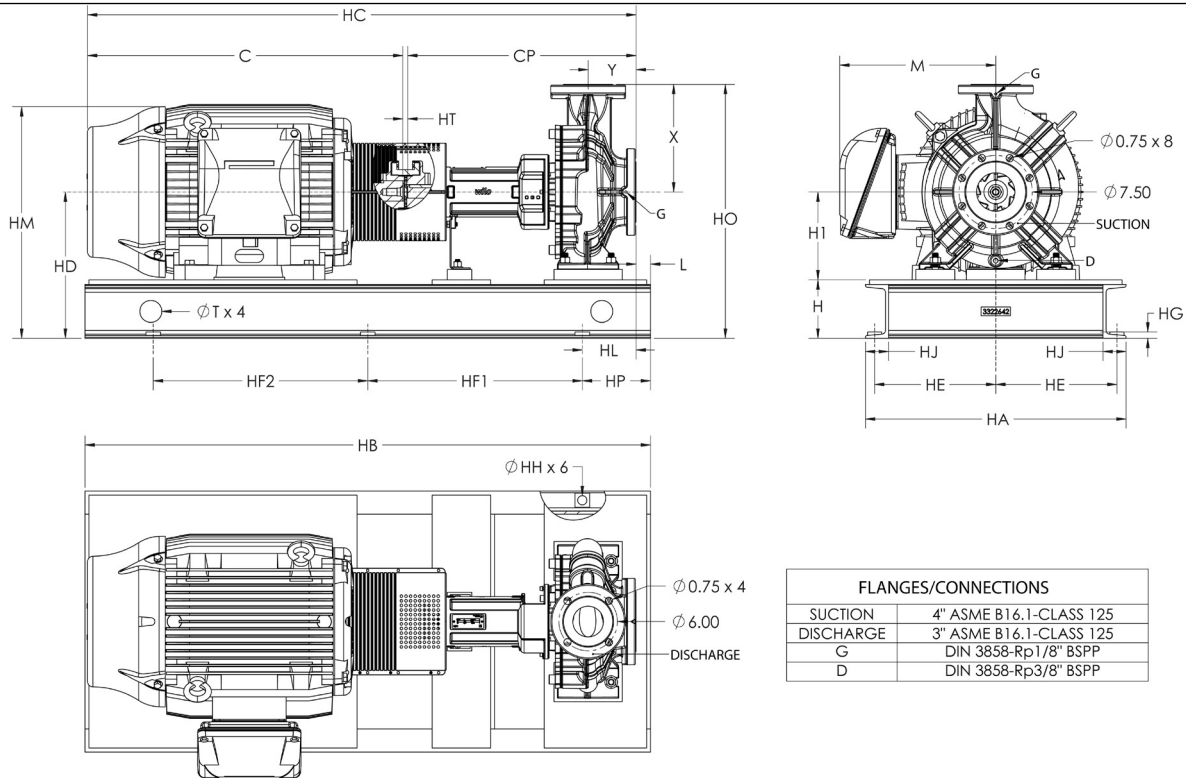
Submittal Data Sheet

Wilo NL-HE – Base Mounted End Suction Pumps



Dimensions & Weights

Wilo NL-HE



NL-HE 4 x 3 x 8

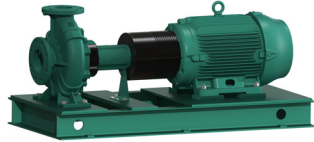
Motor							Dimensions – Inches																										
HP	ENCL	Frame	Volt	RPM	EFF	PF	H	H1	X	HD	HO	HM	M	HA	HE	HG	HJ	Y	HT	HC	C	CP	L	HL	T	HH	HP	HF1	HF2	HB	Wt. (lb)		
7.5	ODP	213/5T	208-230/460	1770	91	0.82	5.9	7.1	9.8	13.0	22.8	17.9	8.0	21.7	9.9	0.64	2.4	4.9	0.50	40.5	16.6	23.4	1.03	3.73	2.25	0.95	4.8	19	19	48	500		
7.5	TEFC	213/5T	208-230/460	1765	91.7	0.82	5.9	7.1	9.8	13.0	22.8	18.6	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	551		
7.5	ODP	213/5T	575	1770	91	0.82	5.9	7.1	9.8	13.0	22.8	17.9	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	500		
7.5	TEFC	213/5T	575	1765	91.7	0.82	5.9	7.1	9.8	13.0	22.8	18.6	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	550		
10	ODP	213/5T	208-230/460	1770	91.7	0.83	5.9	7.1	9.8	13.0	22.8	17.9	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	506		
10	TEFC	213/5T	208-230/460	1765	91.7	0.83	5.9	7.1	9.8	13.0	22.8	18.6	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	562		
10	ODP	213/5T	575	1770	91.7	0.83	5.9	7.1	9.8	13.0	22.8	17.9	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	506		
10	TEFC	213/5T	575	1765	91.7	0.83	5.9	7.1	9.8	13.0	22.8	18.6	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	561		
15	ODP	254/6T	208-230/460	1775	93	0.8	5.9	7.1	9.8	13.0	22.8	18.7	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	574		
15	TEFC	254/6T	208-230/460	1765	92.4	0.83	5.9	7.1	9.8	13.0	22.8	21.7	10.5	23.7	10.9	0.64	2.4	4.9	0.50	49.0	25.0	23.4	1.18	4.83	2.25	0.95	6.0	20	20	52	752		
15	ODP	254/6T	575	1775	93	0.8	5.9	7.1	9.8	13.0	22.8	18.7	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	574		
15	TEFC	254/6T	575	1765	92.4	0.83	5.9	7.1	9.8	13.0	22.8	21.7	10.5	23.7	10.9	0.64	2.4	4.9	0.50	49.0	25.0	23.4	1.18	4.83	2.25	0.95	6.0	20	20	52	750		

Submittal Data Sheet

Wilo NL-HE – Base Mounted End Suction Pumps



NL-HE 4 x 3 x 10 (4 Pole)



Project:

Engineer:

Contractor:

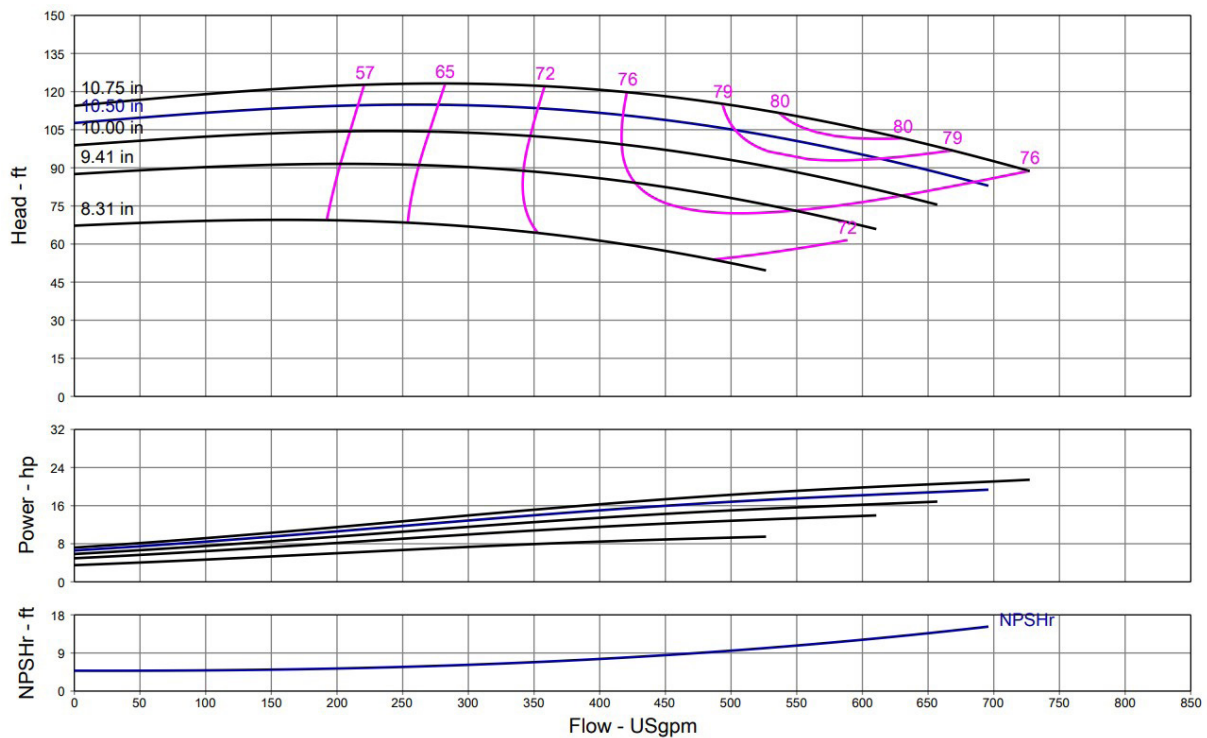
Submitted By:

Date:

Approved By:

Date:

Tag #	Model #	Flow (USGPM)	Head (Feet)	HP	Enclosure	Frame	Cycle	Phase	Voltage	RPM
	NL-HE 4 x 3 x 10						60Hz	3		



Technical Data	
PEI	
0.93	
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

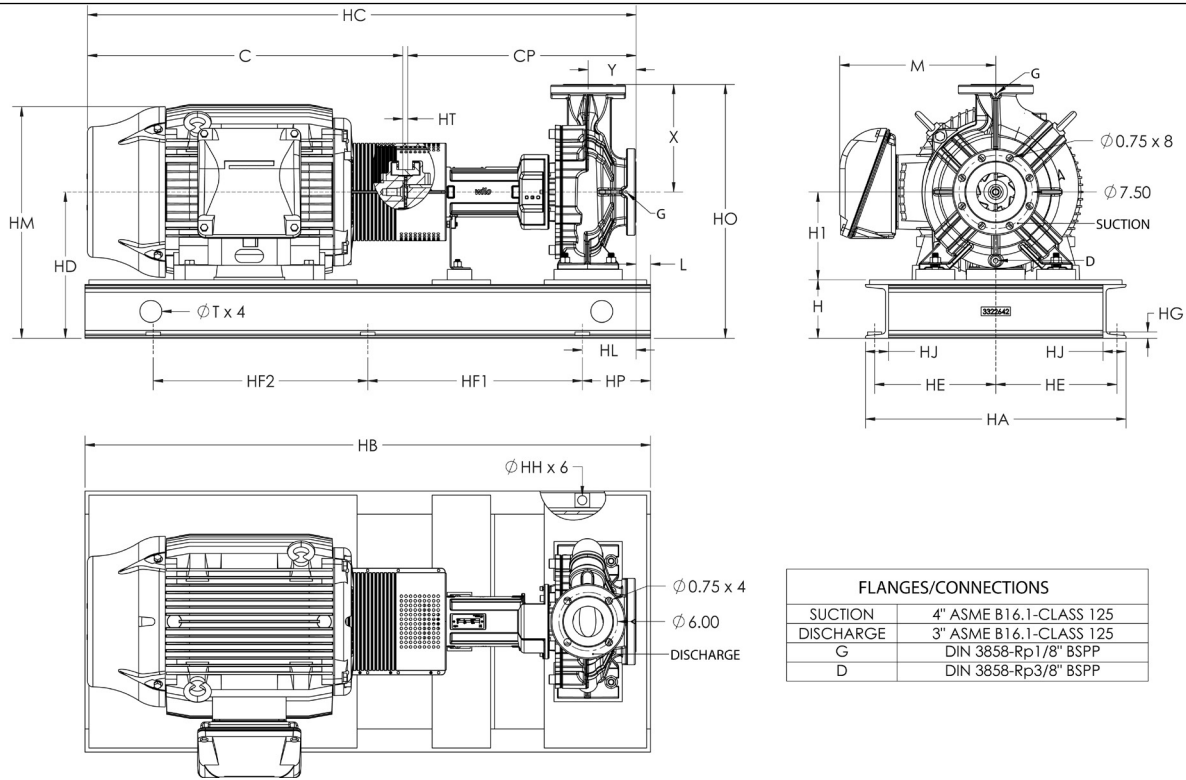
Submittal Data Sheet

Wilo NL-HE – Base Mounted End Suction Pumps



Dimensions & Weights

Wilo NL-HE



NL-HE 4 x 3 x 10

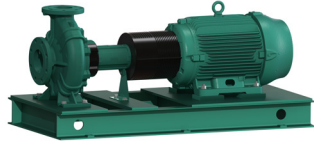
Motor							Dimensions – Inches																										
HP	ENCL	Frame	Volt	RPM	EFF	PF	H	H1	X	HD	HO	HM	M	HA	HE	HG	HJ	Y	HT	HC	C	CP	L	HL	T	HH	HP	HF1	HF2	HB	Wt. (lb)		
10	ODP	213/5T	208-230/460	1770	91.7	0.83	5.9	7.9	11.0	13.8	24.8	18.7	8.0	21.7	9.9	0.64	2.4	4.9	0.50	40.5	16.6	23.4	1.03	3.73	2.25	0.95	4.8	19	19	48	547		
10	TEFC	213/5T	208-230/460	1765	91.7	0.83	5.9	7.9	11.0	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	604		
10	ODP	213/5T	575	1770	91.7	0.83	5.9	7.9	11.0	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	547		
10	TEFC	213/5T	575	1765	91.7	0.83	5.9	7.9	11.0	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	603		
15	ODP	254/6T	208-230/460	1775	93	0.8	5.9	7.9	11.0	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	616		
15	TEFC	254/6T	208-230/460	1765	92.4	0.83	5.9	7.9	11.0	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	795		
15	ODP	254/6T	575	1775	93	0.8	5.9	7.9	11.0	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	616		
15	TEFC	254/6T	575	1765	92.4	0.83	5.9	7.9	11.0	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	793		
20	ODP	254/6T	208-230/460	1770	93	0.81	5.9	7.9	11.0	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	641		
20	TEFC	254/6T	208-230/460	1765	93	0.84	5.9	7.9	11.0	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	843		
20	ODP	254/6T	575	1770	93	0.81	5.9	7.9	11.0	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	640		
20	TEFC	254/6T	575	1765	93	0.84	5.9	7.9	11.0	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	841		
25	ODP	284T	208-230/460	1770	93.6	0.84	5.9	7.9	11.0	13.8	24.8	22.5	11.9	23.7	10.9	0.64	2.4	4.9	0.50	47.1	23.2	23.4	1.03	4.98	2.25	0.95	6.0	20	20	52	835		
25	TEFC	284/6T	208-230/460	1765	93.6	0.84	5.9	7.9	11.0	13.8	24.8	22.9	11.1	23.7	10.9	0.64	2.4	4.9	0.50	51.9	27.9	23.4	1.03	4.98	2.25	0.95	6.0	20	20	52	899		
25	ODP	284T	575	1770	93.6	0.84	5.9	7.9	11.0	13.8	24.8	22.5	11.9	23.7	10.9	0.64	2.4	4.9	0.50	47.1	23.2	23.4	1.03	4.98	2.25	0.95	6.0	20	20	52	834		
25	TEFC	284/6T	575	1765	93.6	0.84	5.9	7.9	11.0	13.8	24.8	22.9	11.1	23.7	10.9	0.64	2.4	4.9	0.50	51.9	27.9	23.4	1.03	4.98	2.25	0.95	6.0	20	20	52	897		

Submittal Data Sheet

Wilo NL-HE – Base Mounted End Suction Pumps



NL-HE 4 x 3 x 12 (4 Pole)



Project:

Engineer:

Contractor:

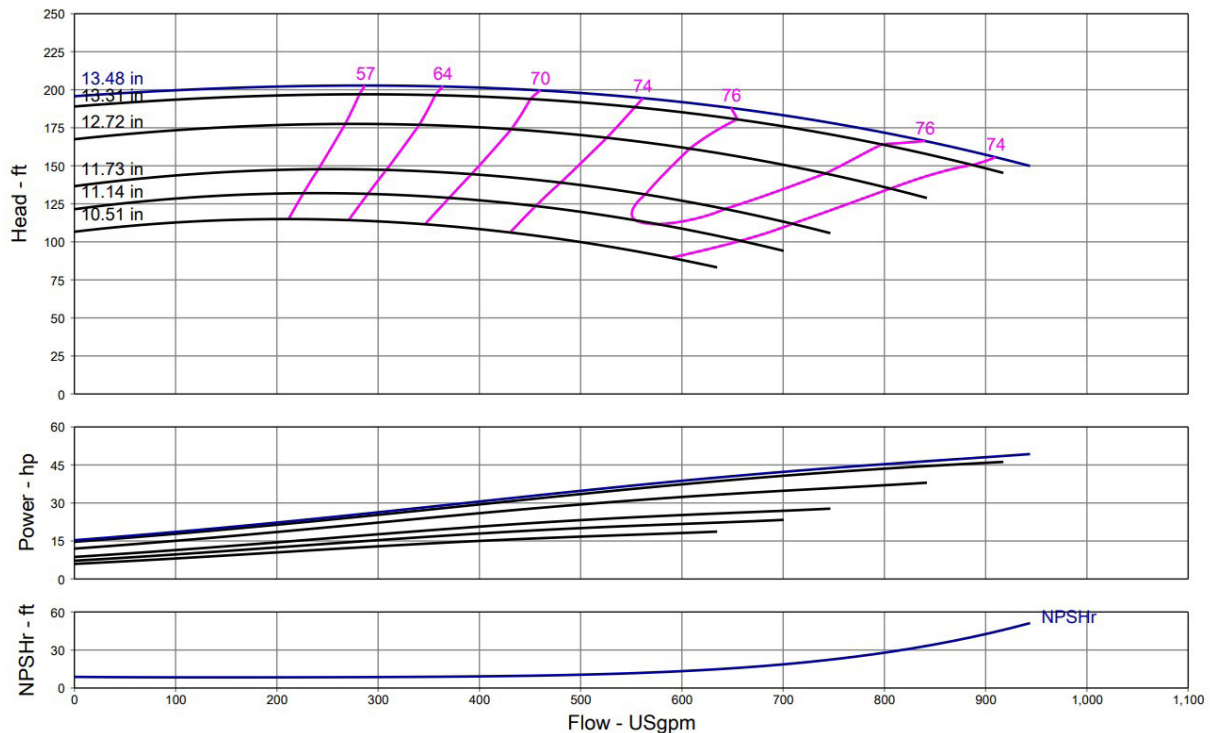
Submitted By:

Date:

Approved By:

Date:

Tag #	Model #	Flow (USGPM)	Head (Feet)	HP	Enclosure	Frame	Cycle	Phase	Voltage	RPM
	NL-HE 4 x 3 x 12						60Hz	3		



Technical Data

PEI

0.93

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

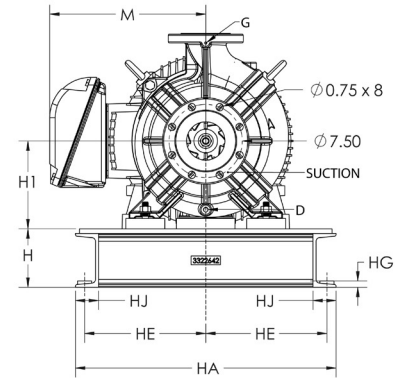
Technical drawing of the 1000 Series pump assembly, showing front and side views with dimensions.

Front View Dimensions:

- Overall width: HC
- Motor width: C
- Shaft length: CP
- Motor height: HM
- Motor base height: HD
- Shaft height: HT
- Discharge flange height: X
- Discharge flange diameter: G
- Discharge flange thickness: Y
- Discharge flange to base distance: L
- Base mounting hole diameter: $\varnothing T \times 4$
- Motor to shaft distance: HF2
- Shaft to discharge flange distance: HF1
- Discharge flange to base distance: HP
- Base mounting hole diameter: HL

Side View Dimensions:

- Overall height: HB
- Discharge flange diameter: $\varnothing HH \times 6$
- Discharge flange to base distance: $\varnothing 0.75 \times$
- Discharge flange to base distance: $\varnothing 6.00$
- Discharge flange to base distance: DISCHARGE



FLANGES/CONNECTIONS	
SUCTION	4" ASME B16.1-CLASS 125
DISCHARGE	3" ASME B16.1-CLASS 125
G	DIN 3858-Rp1/8" BSPP
D	DIN 3858-Rp3/8" BSPP

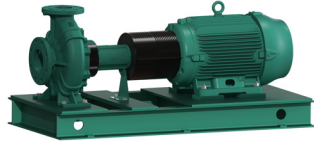
Motor							Dimensions – Inches																											
HP	ENCL	Frame	Volt	RPM	EFF	PF	H	H1	X	HD	HO	HM	M	HA	HE	HG	HJ	Y	HT	HC	C	CP	L	HL	T	HH	HP	HF1	HF2	HB	Wt. (lb)			
20	ODP	254/6T	208-230/460	1770	93	0.81	5.9	9.8	12.4	15.7	28.1	21.5	9.5	21.7	9.9	0.64	2.4	4.9	0.50	44.4	20.5	23.4	1.03	3.73	2.25	0.95	4.8	19	19	48	699			
20	TEFC	254/6T	208-230/460	1765	93	0.84	5.9	9.8	12.4	15.7	28.1	24.4	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	903			
20	ODP	254/6T	575	1770	93	0.81	5.9	9.8	12.4	15.7	28.1	21.5	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	698			
20	TEFC	254/6T	575	1765	93	0.84	5.9	9.8	12.4	15.7	28.1	24.4	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	901			
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	4.9	0.50	47.1	23.2	23.4	1.03	4.98	2.25	0.95	6.0	20	20	52	902			
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	4.9	0.50	51.9	27.9	23.4	1.03	4.98	2.25	0.95	6.0	20	20	52	966			
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	4.9	0.50	47.1	23.2	23.4	1.03	4.98	2.25	0.95	6.0	20	20	52	901			
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	4.9	0.50	51.9	27.9	23.4	1.03	4.98	2.25	0.95	6.0	20	20	52	964			
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	4.9	0.50	48.6	24.7	23.4	1.03	4.98	2.25	0.95	6.0	20	20	52	955			
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	4.9	0.50	51.9	27.9	23.4	1.03	4.98	2.25	0.95	6.0	20	20	52	1010			
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	4.9	0.50	48.6	24.7	23.4	1.03	4.98	2.25	0.95	6.0	20	20	52	954			
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	4.9	0.50	51.9	27.9	23.4	1.03	4.98	2.25	0.95	6.0	20	20	52	1008			
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	4.9	0.50	49.8	25.8	23.4	1.03	4.98	2.25	0.95	6.0	20	20	52	1001			
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	4.9	0.50	55.0	31.1	23.4	1.48	5.53										

Submittal Data Sheet

Wilo NL-HE – Base Mounted End Suction Pumps

wilo®

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



Project:

Engineer:

Contractor:

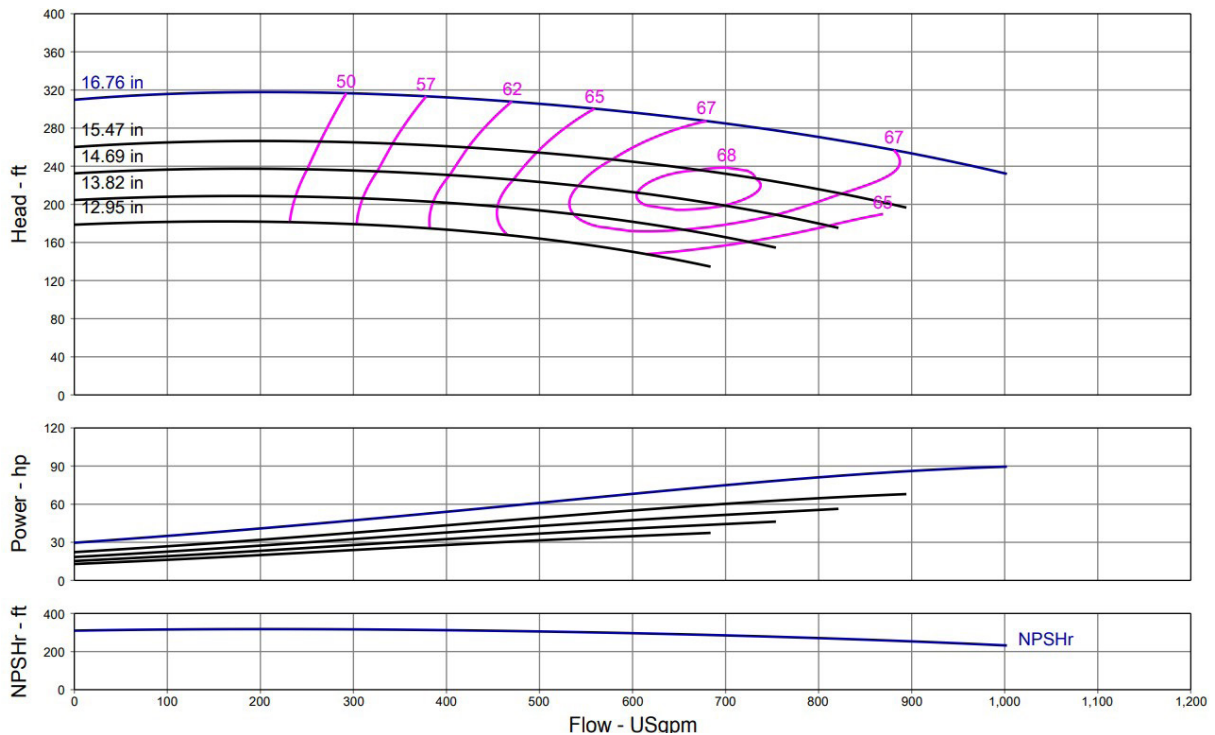
Submitted By:

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	
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

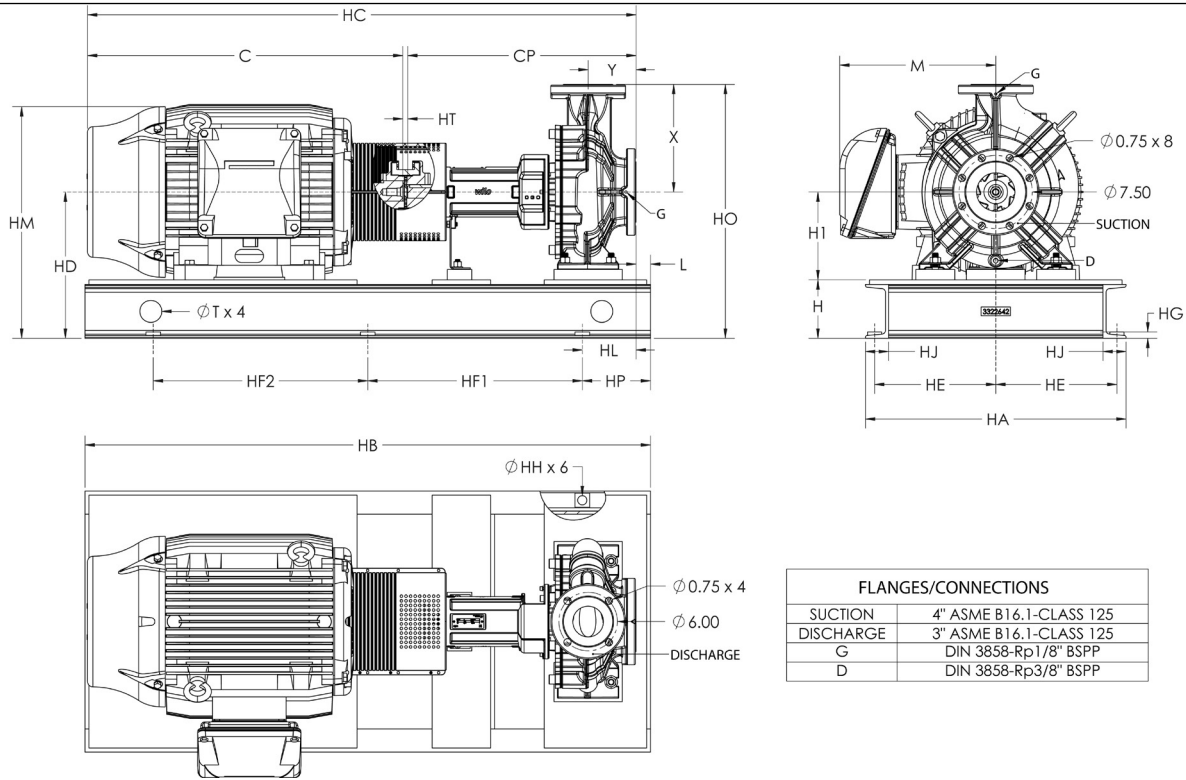
Submittal Data Sheet

Wilo NL-HE – Base Mounted End Suction Pumps



Dimensions & Weights

Wilo NL-HE



NL-HE 4 x 3 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)		
40	ODP	324T	208-230/460	1775	94.1	0.84	5.9	11	14	16.9	30.9	26.7	13.4	23.7	10.9	0.64	2.4	4.9	0.50	52.1	25.8	25.8	1.03	4.98	2.25	0.95	6.0	20	20	52	1161		
40	TEFC	324/6T	208-230/460	1770	94.1	0.85	6.0	11	14	17.0	31.0	27.4	12.6	26.2	12.2	0.64	2.4	4.9	0.50	57.4	31.1	25.8	1.78	5.23	2.25	0.95	7.0	23	23	60	1361		
40	ODP	324T	575	1775	94.1	0.84	5.9	11	14	16.9	30.9	26.7	13.4	23.7	10.9	0.64	2.4	4.9	0.50	52.1	25.8	25.8	1.03	4.98	2.25	0.95	6.0	20	20	52	1159		
40	TEFC	324/6T	575	1770	94.1	0.85	6.0	11	14	17.0	31.0	27.4	12.6	26.2	12.2	0.64	2.4	4.9	0.50	57.4	31.1	25.8	1.78	5.23	2.25	0.95	7.0	23	23	60	1358		
50	ODP	324/6T	208-230/460	1775	94.5	0.84	5.9	11	14	16.9	30.9	26.7	13.4	26.2	12.2	0.64	2.4	4.9	0.50	53.6	27.3	25.8	1.73	4.78	2.25	0.95	6.5	21	21	55	1260		
50	TEFC	324/6T	208-230/460	1775	94.5	0.83	6.0	11	14	17.0	31.0	27.4	12.6	26.2	12.2	0.64	2.4	4.9	0.50	57.4	31.1	25.8	1.78	5.23	2.25	0.95	7.0	23	23	60	1382		
50	ODP	324/6T	575	1775	94.5	0.84	5.9	11	14	16.9	30.9	26.7	13.4	26.2	12.2	0.64	2.4	4.9	0.50	53.6	27.3	25.8	1.73	4.78	2.25	0.95	6.5	21	21	55	1257		
50	TEFC	324/6T	575	1775	94.5	0.83	6.0	11	14	17.0	31.0	27.4	12.6	26.2	12.2	0.64	2.4	4.9	0.50	57.4	31.1	25.8	1.78	5.23	2.25	0.95	7.0	23	23	60	1379		
60	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	4.9	0.50	56.0	29.7	25.8	1.78	5.23	2.25	0.95	7.0	23	23	60	1527		
60	TEFC	364/5T	208-230/460	1780	95	0.83	6.1	11	14	17.1	31.1	26.1	16.0	28.7	13.4	0.64	2.4	4.9	0.50	60.8	34.5	25.8	1.68	6.33	2.25	0.95	8.0	25	25	66	1753		
60	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	4.9	0.50	56.0	29.7	25.8	1.78	5.23	2.25	0.95	7.0	23	23	60	1524		
60	TEFC	364/5T	575	1780	95	0.83	6.1	11	14	17.1	31.1	26.1	16.0	28.7	13.4	0.64	2.4	4.9	0.50	60.8	34.5	25.8	1.68	6.33	2.25	0.95	8.0	25	25	66	1746		
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	4.9	0.50	56.0	29.7	25.8	1.78	5.23	2.25	0.95	7.0	23	23	60	1574		
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	4.9	0.50	60.8	34.5	25.8	1.68	6.33	2.25	0.95	8.0	25	25	66	1816		
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	4.9	0.50	56.0	29.7	25.8	1.78	5.23	2.25	0.95	7.0	23	23	60	1571		
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	4.9	0.50	60.8	34.5	25.8	1.68	6.33	2.25	0.95	8.0	25	25	66	1812		
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	4.9	0.50	60.4	34.1	25.8	1.68	6.33	2.25	0.95	8.0	25	25	66	1843		
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	4.9	0.50	66.0	39.7	25.8	1.68	6.33	2.25	0.95	8.0	25	25	66	2058		
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	4.9	0.50	60.4	34.1	25.8	1.68	6.33	2.25	0.95	8.0	25	25	66	1837		
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	4.9	0.50	66.0	39.7	25.8	1.68	6.33	2.25	0.95	8.0	25	25	66	2051		