

Submittal Data Sheet

Wilo NL-HE – Base Mounted End Suction Pumps



NL-HE 5 x 4 x 6 (2 Pole)



Project:

Engineer:

Contractor:

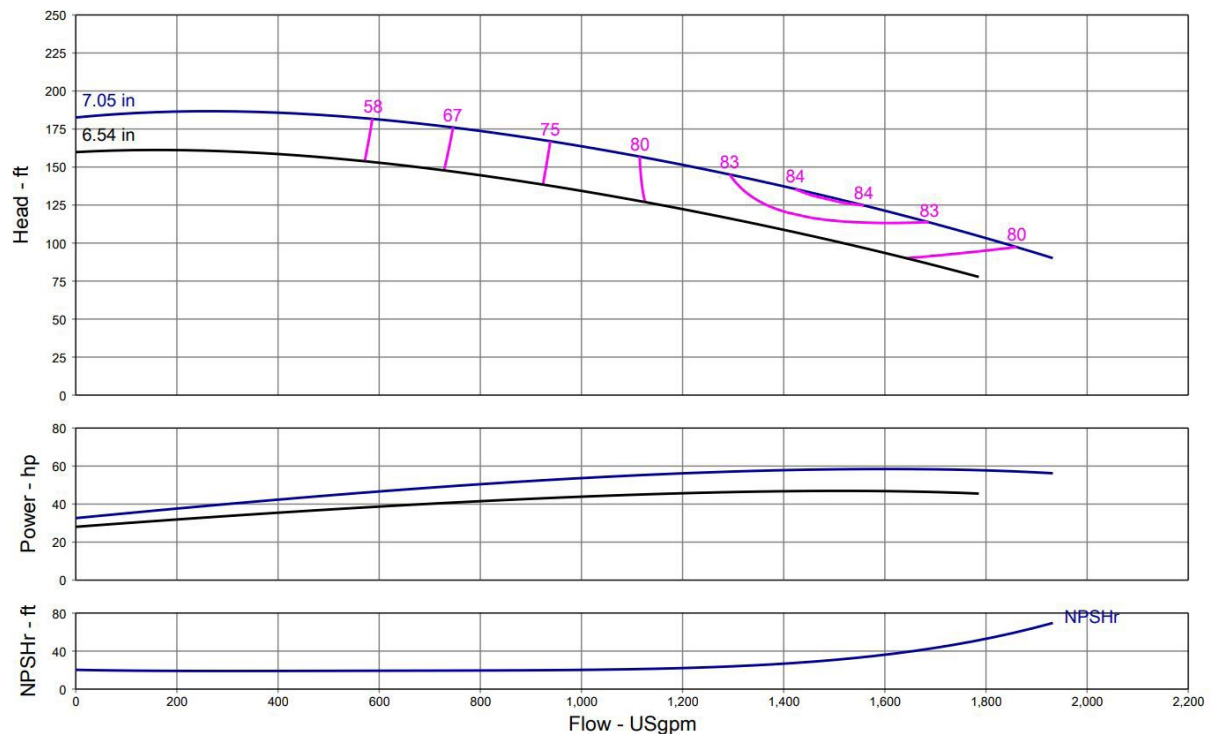
Submitted By:

Date:

Approved By:

Date:

Tag #	Model #	Flow (USGPM)	Head (Feet)	HP	Enclosure	Frame	Cycle	Phase	Voltage	RPM
	NL-HE 5 x 4 x 6						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

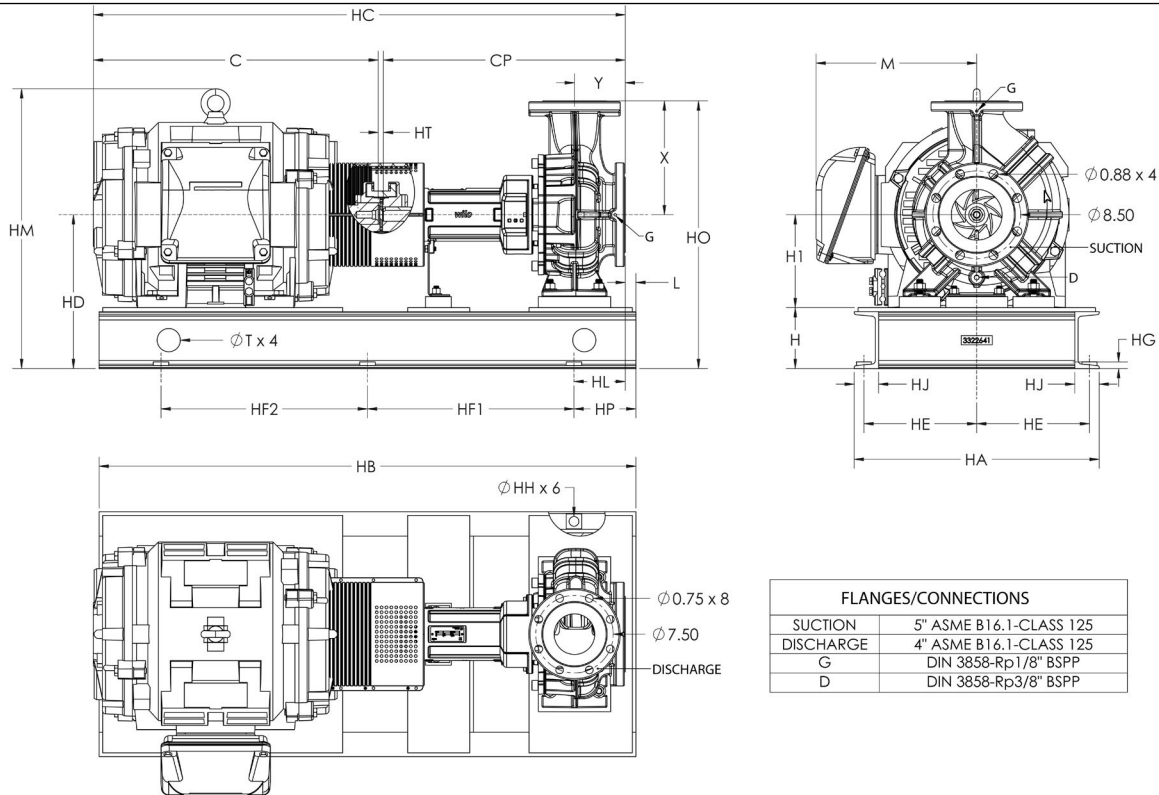
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Wilo NL-HE – Base Mounted End Suction Pumps



Dimensions & Weights

Wilo NL-HE



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)			
50	ODP	324TS	208–230/460	3560	93	0.85	5.9	8.0	11	13.9	24.9	23.6	13.4	23.7	10.9	0.64	2.4	4.9	0.50	48.2	24.3	23.4	1.03	4.98	2.25	0.95	6.0	20	20	52	881			
50	TEFC	324/6TS	208–230/460	3550	93	0.89	5.9	8.0	11	13.9	24.9	24.3	12.6	23.7	10.9	0.64	2.4	4.9	0.50	53.5	29.6	23.4	1.08	4.93	2.25	0.95	6.0	20	20	52	1028			
50	ODP	324TS	575	3560	93	0.85	5.9	8.0	11	13.9	24.9	23.6	13.4	23.7	10.9	0.64	2.4	4.9	0.50	48.2	24.3	23.4	1.03	4.98	2.25	0.95	6.0	20	20	52	878			
50	TEFC	324/6TS	575	3550	93	0.89	5.9	8.0	11	13.9	24.9	24.3	12.6	23.7	10.9	0.64	2.4	4.9	0.50	53.5	29.6	23.4	1.08	4.93	2.25	0.95	6.0	20	20	52	1024			
60	ODP	324/6TS	208–230/460	3560	93.6	0.85	5.9	8.0	11	13.9	24.9	23.6	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	933			
60	TEFC	364/5TS	208–230/460	3560	93.6	0.9	6.0	9.0	11	15.0	26.0	24.0	16.0	26.7	12.4	0.64	2.4	4.9	0.50	56.3	32.3	23.4	1.58	5.43	2.25	0.95	7.0	22	22	58	1388			
60	ODP	324/6TS	575	3560	93.6	0.85	5.9	8.0	11	13.9	24.9	23.6	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	930			
60	TEFC	364/5TS	575	3560	93.6	0.9	6.0	9.0	11	15.0	26.0	24.0	16.0	26.7	12.4	0.64	2.4	4.9	0.50	56.3	32.3	23.4	1.58	5.43	2.25	0.95	7.0	22	22	58	1384			
75	ODP	364/5TS	208–230/460	3555	93.6	0.87	5.9	9.0	11	14.9	25.9	27.1	15.6	23.7	10.9	0.64	2.4	4.9	0.50	51.5	27.5	23.4	1.03	4.98	2.25	0.95	6.0	20	20	52	1174			
75	TEFC	364/5TS	208–230/460	3555	93.6	0.9	6.0	9.0	11	15.0	26.0	24.0	16.0	26.7	12.4	0.64	2.4	4.9	0.50	56.3	32.3	23.4	1.58	5.43	2.25	0.95	7.0	22	22	58	1393			
75	ODP	364/5TS	575	3555	93.6	0.87	5.9	9.0	11	14.9	25.9	27.1	15.6	23.7	10.9	0.64	2.4	4.9	0.50	51.5	27.5	23.4	1.03	4.98	2.25	0.95	6.0	20	20	52	1170			
75	TEFC	364/5TS	575	3555	93.6	0.9	6.0	9.0	11	15.0	26.0	24.0	16.0	26.7	12.4	0.64	2.4	4.9	0.50	56.3	32.3	23.4	1.58	5.43	2.25	0.95	7.0	22	22	58	1385			

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wilo®

NL-HE 5 x 4 x 8 (2 Pole)



Project:

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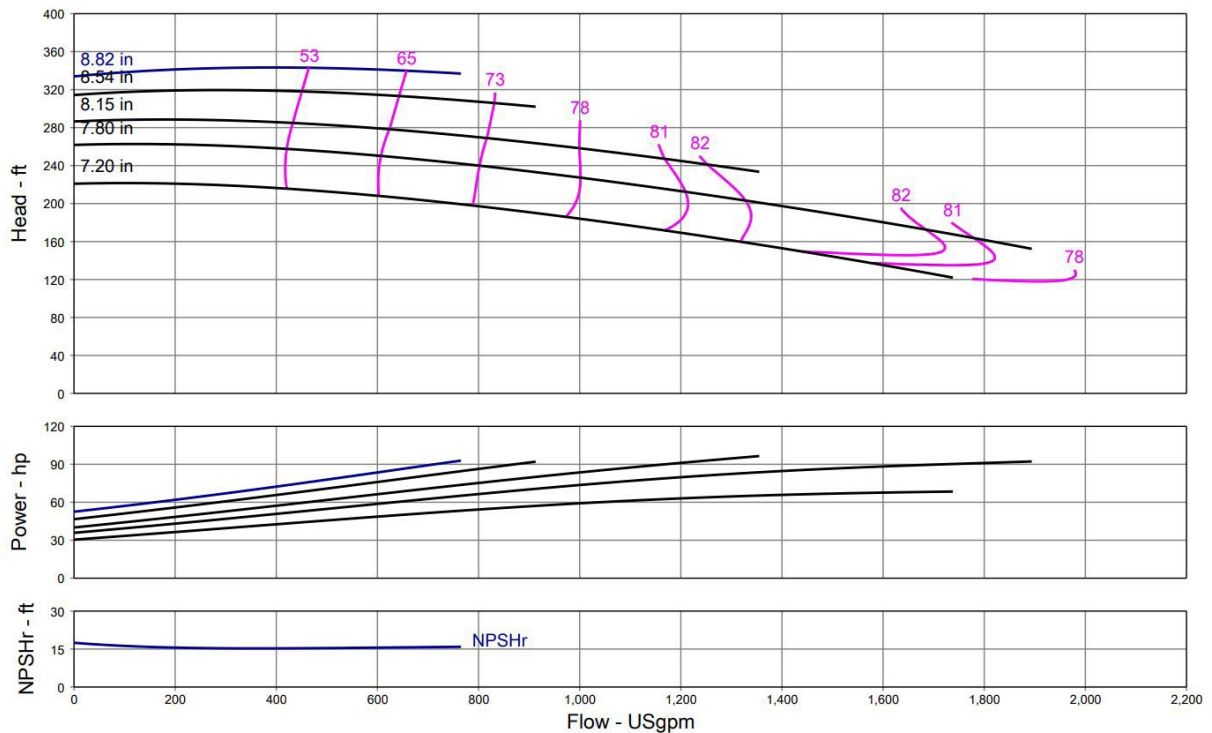
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Tag #	Model #	Flow (USGPM)	Head (Feet)	HP	Enclosure	Frame	Cycle	Phase	Voltage	RPM
	NL-HE 5 x 4 x 8						60Hz	3		



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0.91	
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Cooling and cold water	
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Other:	

Approval Stamp

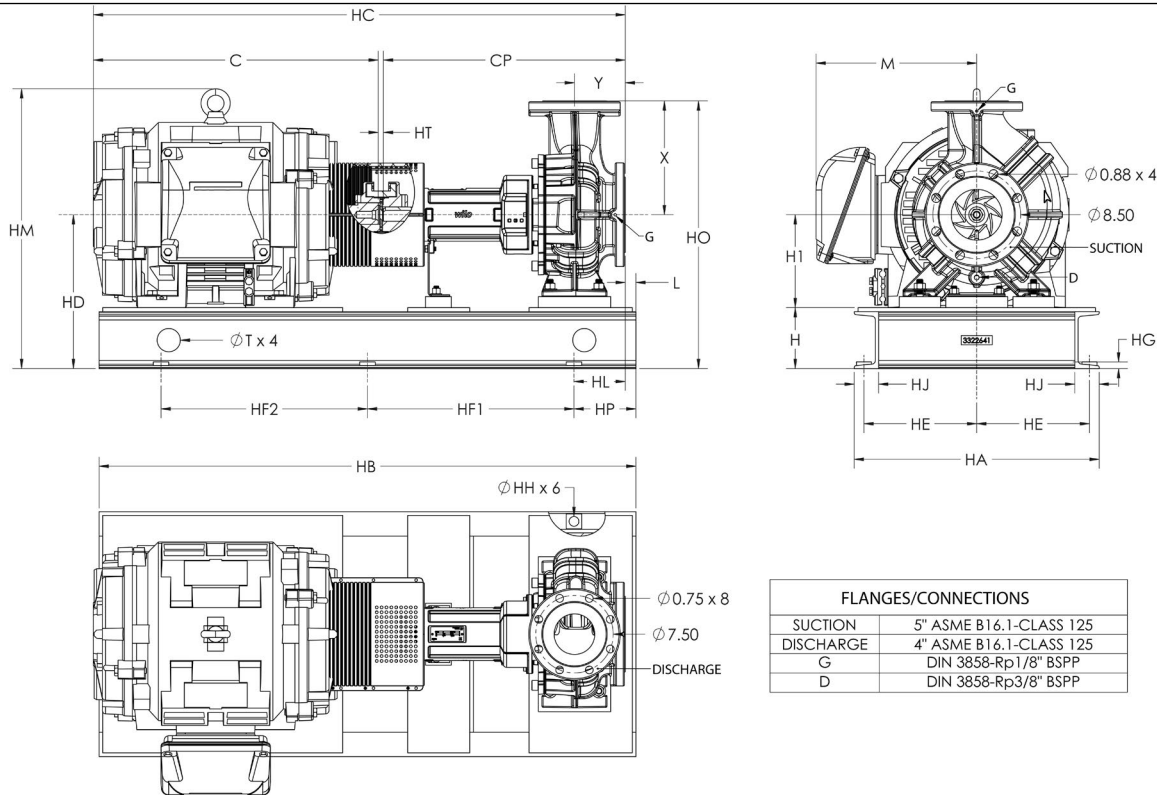
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Wilo NL-HE – Base Mounted End Suction Pumps



Dimensions & Weights

Wilo NL-HE



NL-HE 5 x 4 x 8

Motor							Dimensions – Inches																										
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75	ODP	364/STS	208-230/460	3555	93.6	0.87	5.9	9	11	14.9	25.9	27.1	15.6	23.7	10.9	0.64	2.4	4.9	0.50	51.5	27.5	23.4	1.03	4.98	2.25	0.95	6.0	20	20	52	1187		
75	TEFC	364/STS	208-230/460	3555	93.6	0.9	6.0	9	11	15.0	26.0	24.0	16.0	26.7	12.4	0.64	2.4	4.9	0.50	56.3	32.3	23.4	1.58	5.43	2.25	0.95	7.0	22	22	58	1406		
75	ODP	364/STS	575	3555	93.6	0.87	5.9	9	11	14.9	25.9	27.1	15.6	23.7	10.9	0.64	2.4	4.9	0.50	51.5	27.5	23.4	1.03	4.98	2.25	0.95	6.0	20	20	52	1183		
75	TEFC	364/STS	575	3555	93.6	0.9	6.0	9	11	15.0	26.0	24.0	16.0	26.7	12.4	0.64	2.4	4.9	0.50	56.3	32.3	23.4	1.58	5.43	2.25	0.95	7.0	22	22	58	1398		
100	ODP	364/STS	208-230/460	3555	93.6	0.87	5.9	9	11	14.9	25.9	27.1	15.6	23.7	10.9	0.64	2.4	4.9	0.50	51.5	27.5	23.4	1.03	4.98	2.25	0.95	6.0	20	20	52	1206		
100	TEFC	404/STS	208-230/460	3545	94.1	0.89	6.1	10	11	16.1	27.1	25.6	16.0	28.7	13.4	0.64	2.4	4.9	0.50	60.6	36.7	23.4	1.38	5.63	2.25	0.95	7.0	24	24	62	1753		
100	ODP	364/STS	575	3555	93.6	0.87	5.9	9	11	14.9	25.9	27.1	15.6	23.7	10.9	0.64	2.4	4.9	0.50	51.5	27.5	23.4	1.03	4.98	2.25	0.95	6.0	20	20	52	1200		
100	TEFC	404/STS	575	3545	94.1	0.89	6.1	10	11	16.1	27.1	25.6	16.0	28.7	13.4	0.64	2.4	4.9	0.50	60.6	36.7	23.4	1.38	5.63	2.25	0.95	7.0	24	24	62	1749		

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NL-HE 5 x 4 x 10 (2 Pole)



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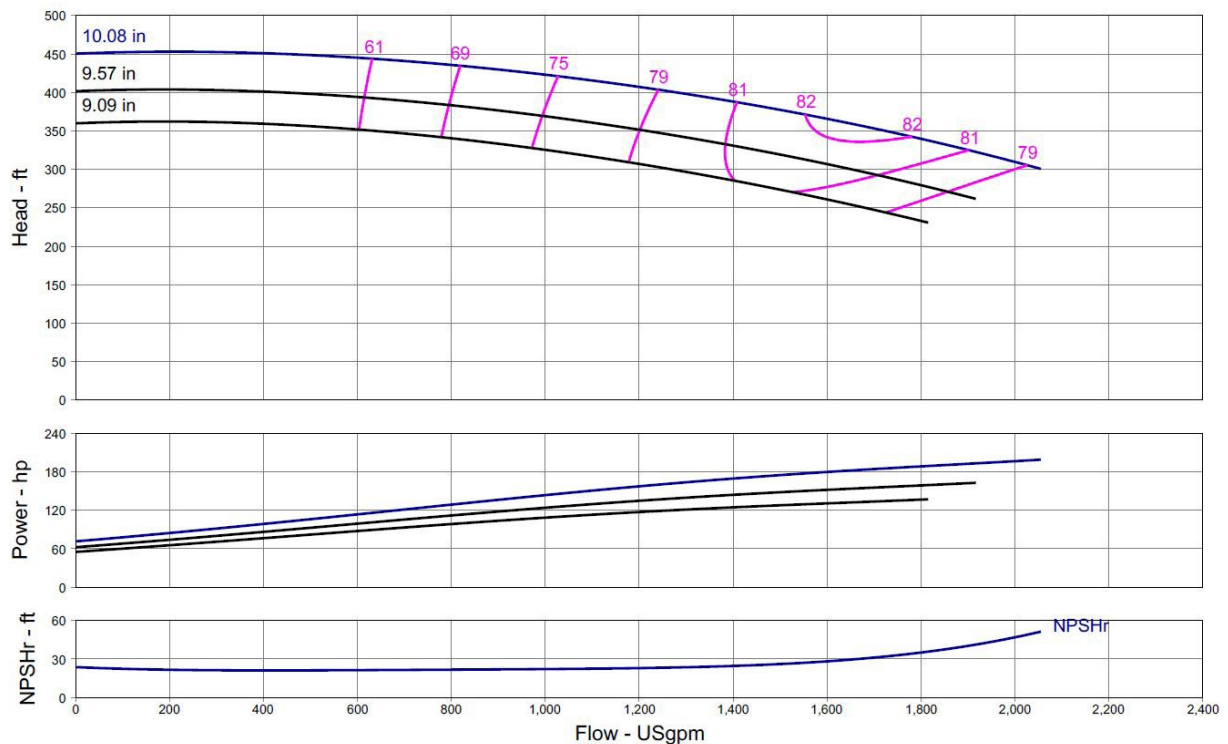
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	NL-HE 5 x 4 x 10						60Hz	3		



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Cooling and cold water

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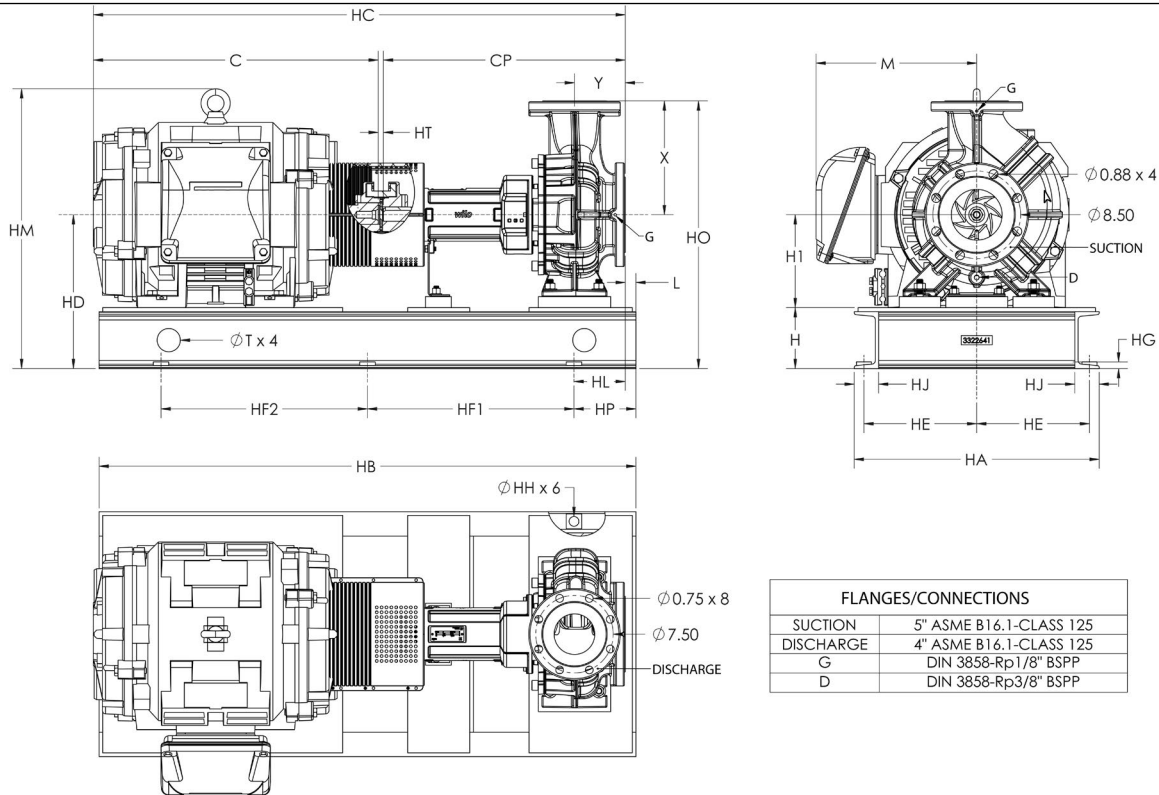
Submittal Data Sheet

Wilo NL-HE – Base Mounted End Suction Pumps



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Wilo NL-HE



NL-HE 5 x 4 x 10

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150	ODP	404/5TS	460	3552	94.1	0.88	6.0	10	11	16.0	27.0	28.2	15.6	26.7	12.4	0.64	2.4	5.5	0.90	58.3	31.0	26.4	0.48	6.52	2.25	0.95	7.0	22	22	58	1493
150	TEFC	444/5TS	208-230/460	3570	95	0.89	7.7	11	11	18.7	29.7	30.5	18.6	30.5	14.2	0.72	2.8	5.5	0.50	68.3	41.4	26.4	0.98	7.02	3.00	1.10	8.0	28	28	72	2687
150	ODP	404/5TS	575	3552	94.1	0.88	6.0	10	11	16.0	27.0	28.2	15.6	26.7	12.4	0.64	2.4	5.5	0.90	58.3	31.0	26.4	0.48	6.52	2.25	0.95	7.0	22	22	58	1492
150	TEFC	444/5TS	575	3570	95	0.89	7.7	11	11	18.7	29.7	30.5	18.6	30.5	14.2	0.72	2.8	5.5	0.50	68.3	41.4	26.4	0.98	7.02	3.00	1.10	8.0	28	28	72	2679
200	ODP	444/5TS	460	3570	95	0.88	6.1	11	11	17.1	28.1	31.6	18.7	28.7	13.4	0.64	2.4	5.5	0.50	61.5	34.6	26.4	0.48	6.52	2.25	0.95	7.0	24	24	62	2000
200	TEFC	445/7TS	208-230/460	3570	95.4	0.9	7.7	11	11	18.7	29.7	35.2	20.6	30.5	14.2	0.72	2.8	5.5	0.50	71.8	44.9	26.4	1.43	6.57	3.00	1.10	8.0	27	27	70	3017
200	ODP	444/5TS	575	3570	95	0.88	6.1	11	11	17.1	28.1	31.6	18.7	28.7	13.4	0.64	2.4	5.5	0.50	61.5	34.6	26.4	0.48	6.52	2.25	0.95	7.0	24	24	62	2000
200	TEFC	445/7TS	575	3570	95.4	0.9	7.7	11	11	18.7	29.7	35.2	20.6	30.5	14.2	0.72	2.8	5.5	0.50	71.8	44.9	26.4	1.43	6.57	3.00	1.10	8.0	27	27	70	2991