

NS-A SERIES



STAINLESS STEEL FABRICATED SUBMERSIBLE PUMPS



PRODUCT CATALOGUE

60Hz

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STAINLESS STEEL FABRICATED SUBMERSIBLE PUMPS

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STAINLESS STEEL FABRICATED SUBMERSIBLE PUMPS

PUMP SIZE: 4", 6", 8", 10"

GENERAL DATA

5 GPM to 1150 GPM

FEATURES

- ▶ Corrosion resistant stainless steel sheet metal construction.
- ▶ Higher pump efficiency, reduces energy consumption.
- ▶ Equipped with check valve to prevent the pump against water hammer.
- ▶ Equipped with rubber wear rings as well as bush bearings for efficient operation in sandy well water.
- ▶ Suitable for vertical as well as horizontal installation.

APPLICATIONS

- ▶ Residential
- ▶ Agricultural
- ▶ Municipal
- ▶ Industrial

OPERATING RANGE & CONDITIONS

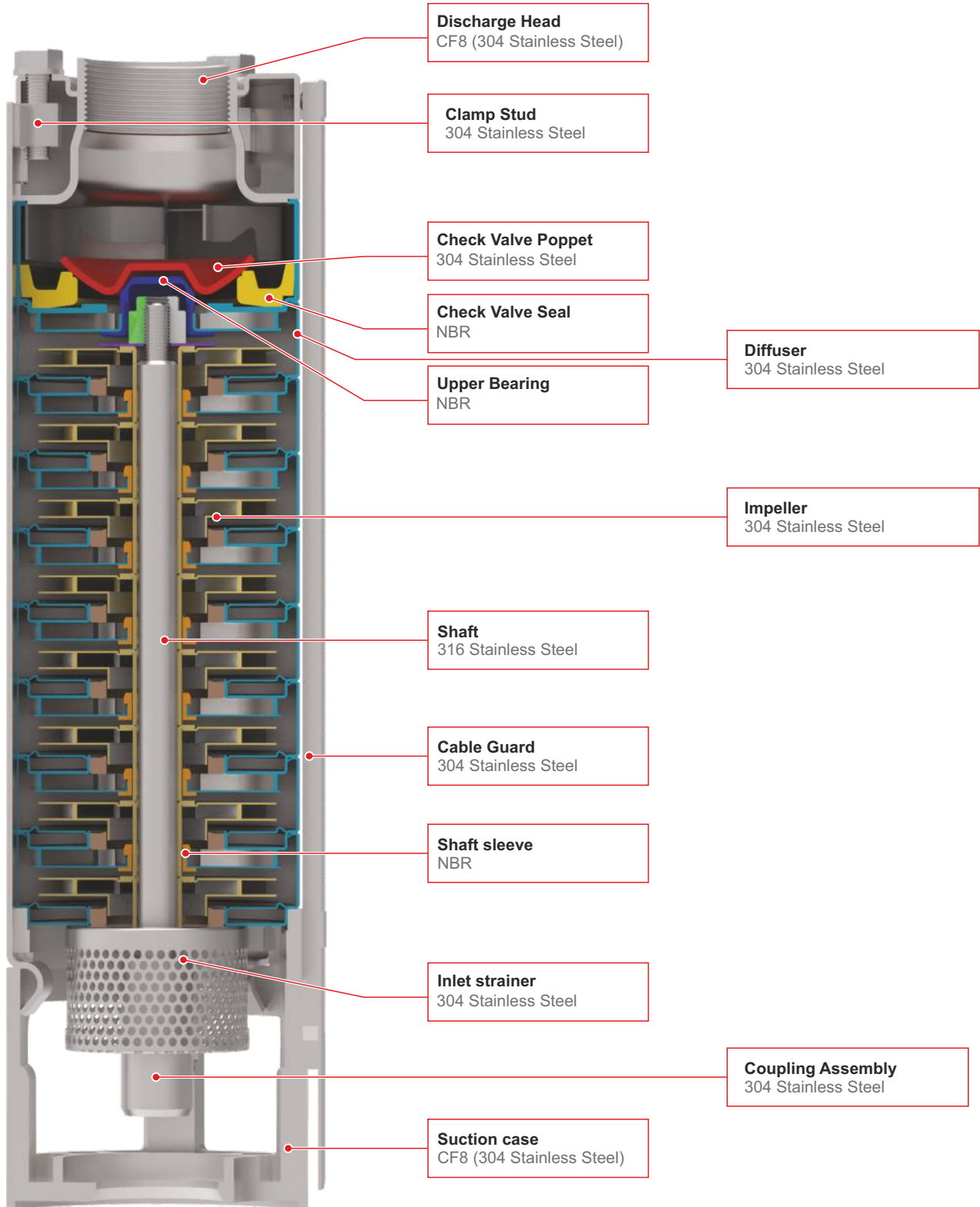
	4" Pump	6" Pump	8" Pump	10" Pump
Flow ratings	5, 10, 15, 25, 45 & 60 GPM	80, 150, 230 & 300 GPM	400 & 475 GPM	625, 850 & 1150 GPM
Maximum head	2100 feet	2000 feet	1200 feet	1100 feet
Pump ratings	0.5 - 20 hp	1.5 - 75 hp	7.5 - 125 hp	15 - 250 hp
Liquid temperature	113 °F	113 °F	113 °F	113 °F
Max. sand content	50 ppm	50 ppm	50 ppm	50 ppm

STAINLESS STEEL FABRICATED SUBMERSIBLE PUMPS

PUMP SIZE: 4"

MATERIAL OF CONSTRUCTION

5 GPM to 25 GPM

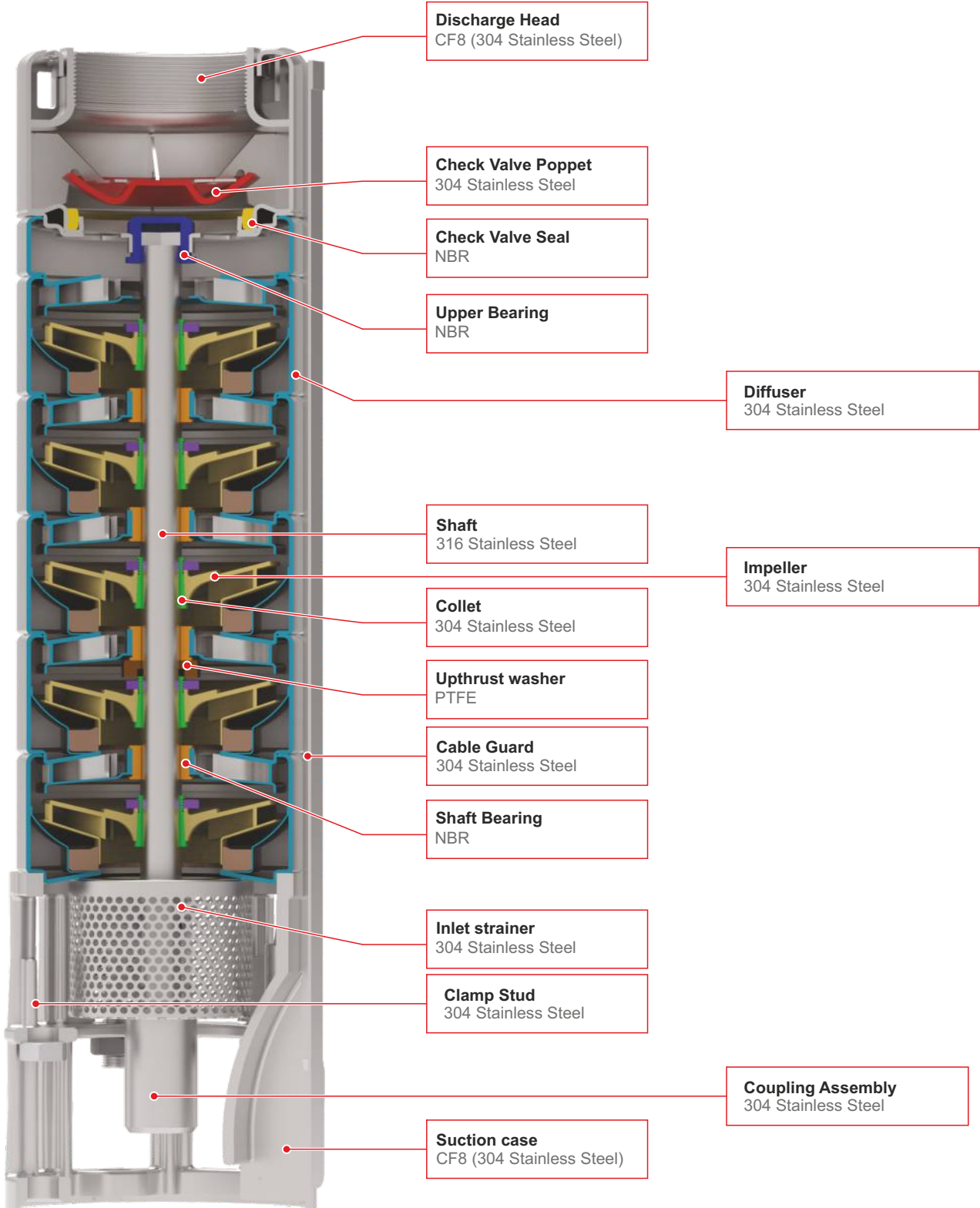


STAINLESS STEEL FABRICATED SUBMERSIBLE PUMPS

PUMP SIZE: 4"

MATERIAL OF CONSTRUCTION

45 GPM to 60 GPM

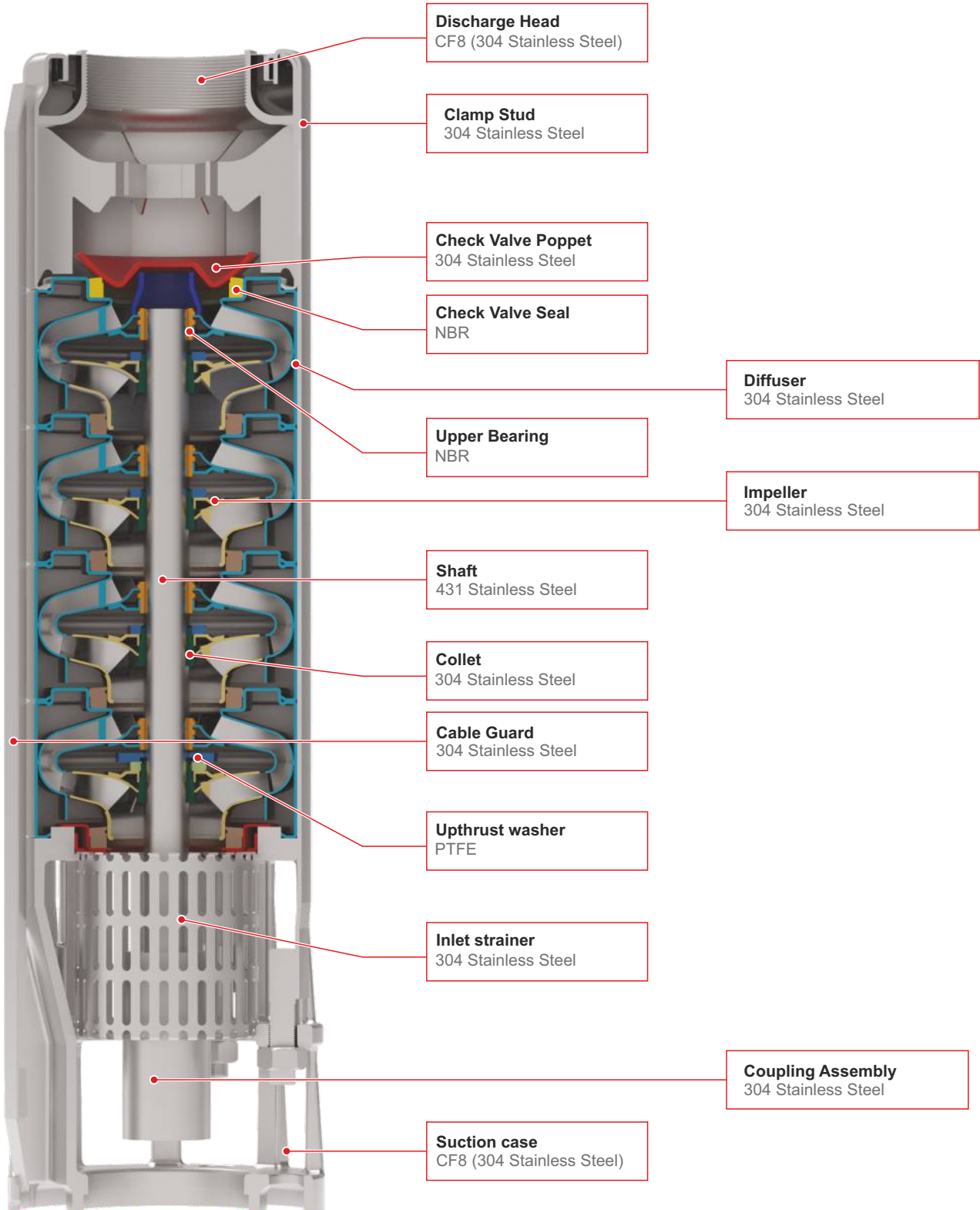


STAINLESS STEEL FABRICATED SUBMERSIBLE PUMPS

PUMP SIZE: 6"

MATERIAL OF CONSTRUCTION

80 GPM to 150 GPM

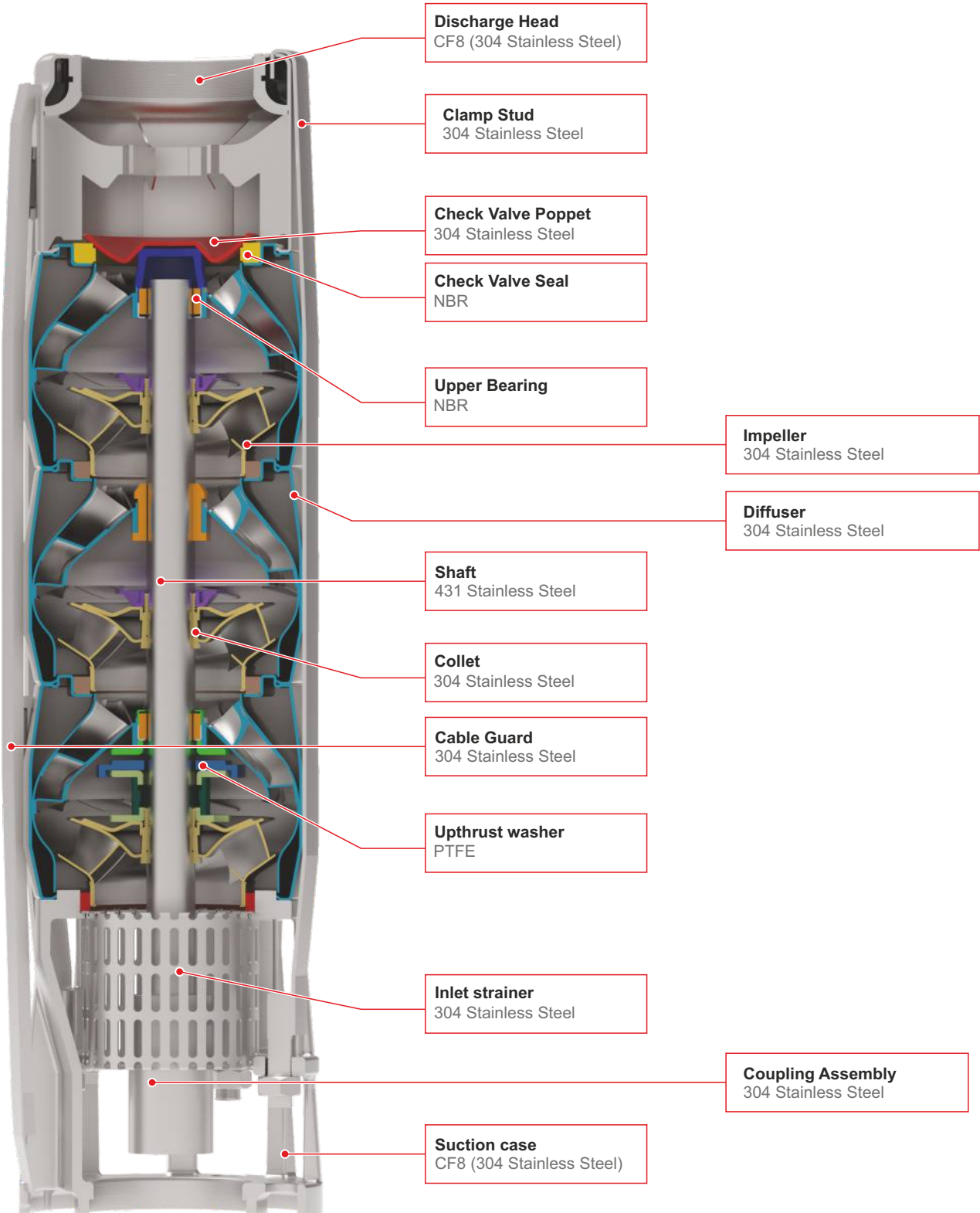


STAINLESS STEEL FABRICATED SUBMERSIBLE PUMPS

PUMP SIZE: 6"

MATERIAL OF CONSTRUCTION

230 GPM to 300 GPM

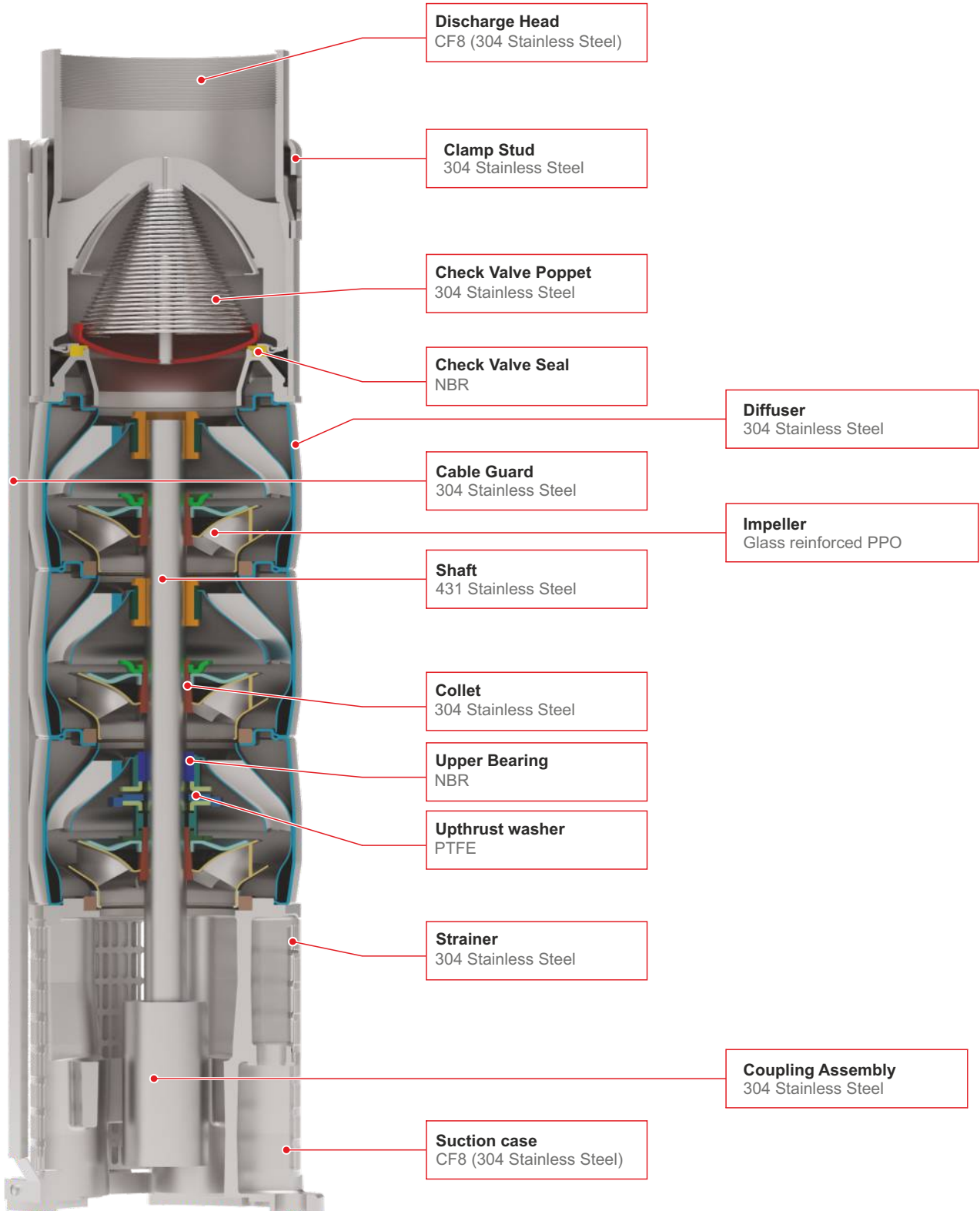


STAINLESS STEEL FABRICATED SUBMERSIBLE PUMPS

PUMP SIZE: 8"

MATERIAL OF CONSTRUCTION

400 GPM to 475 GPM

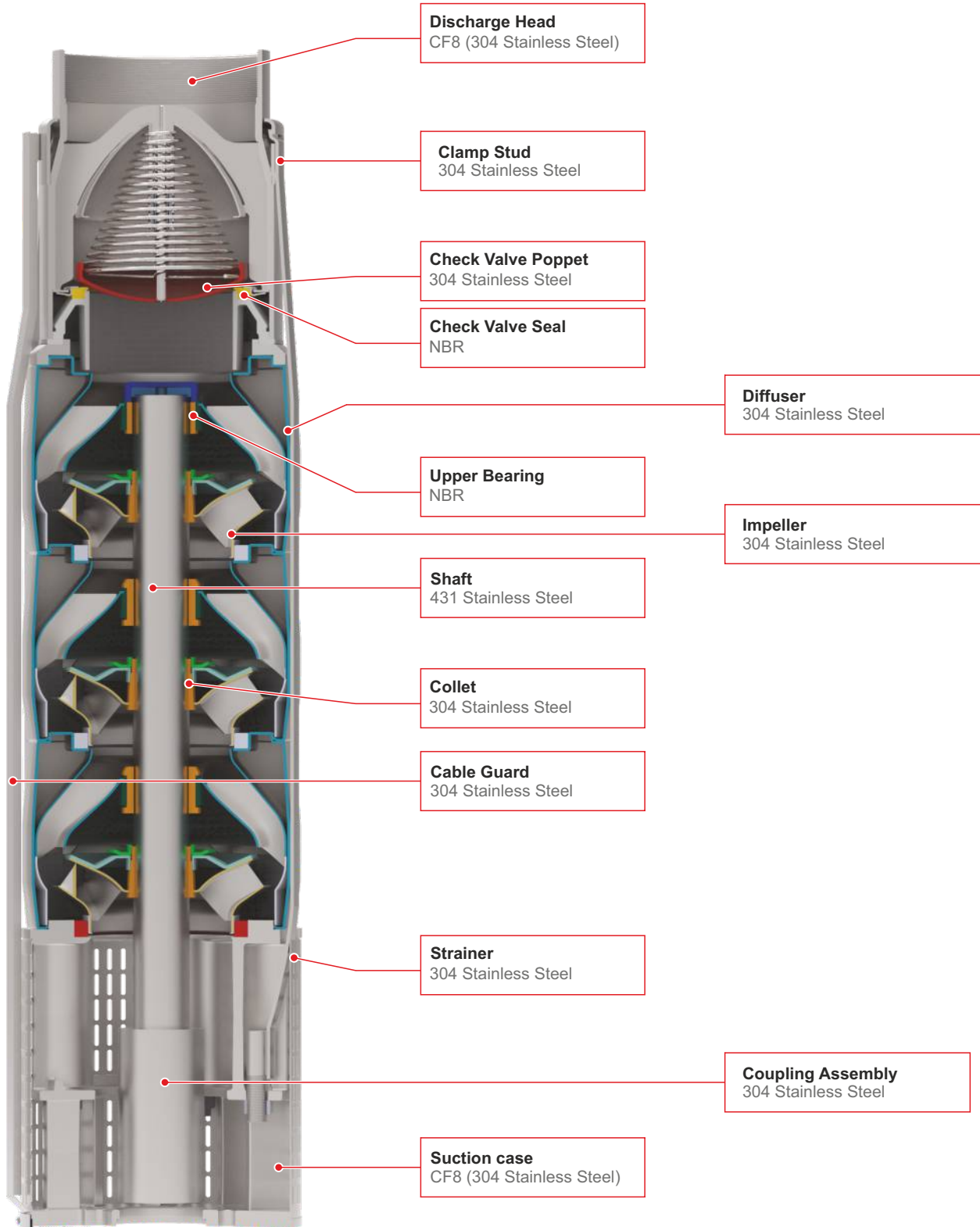


STAINLESS STEEL FABRICATED SUBMERSIBLE PUMPS

PUMP SIZE: 10"

MATERIAL OF CONSTRUCTION

625 GPM to 1150 GPM

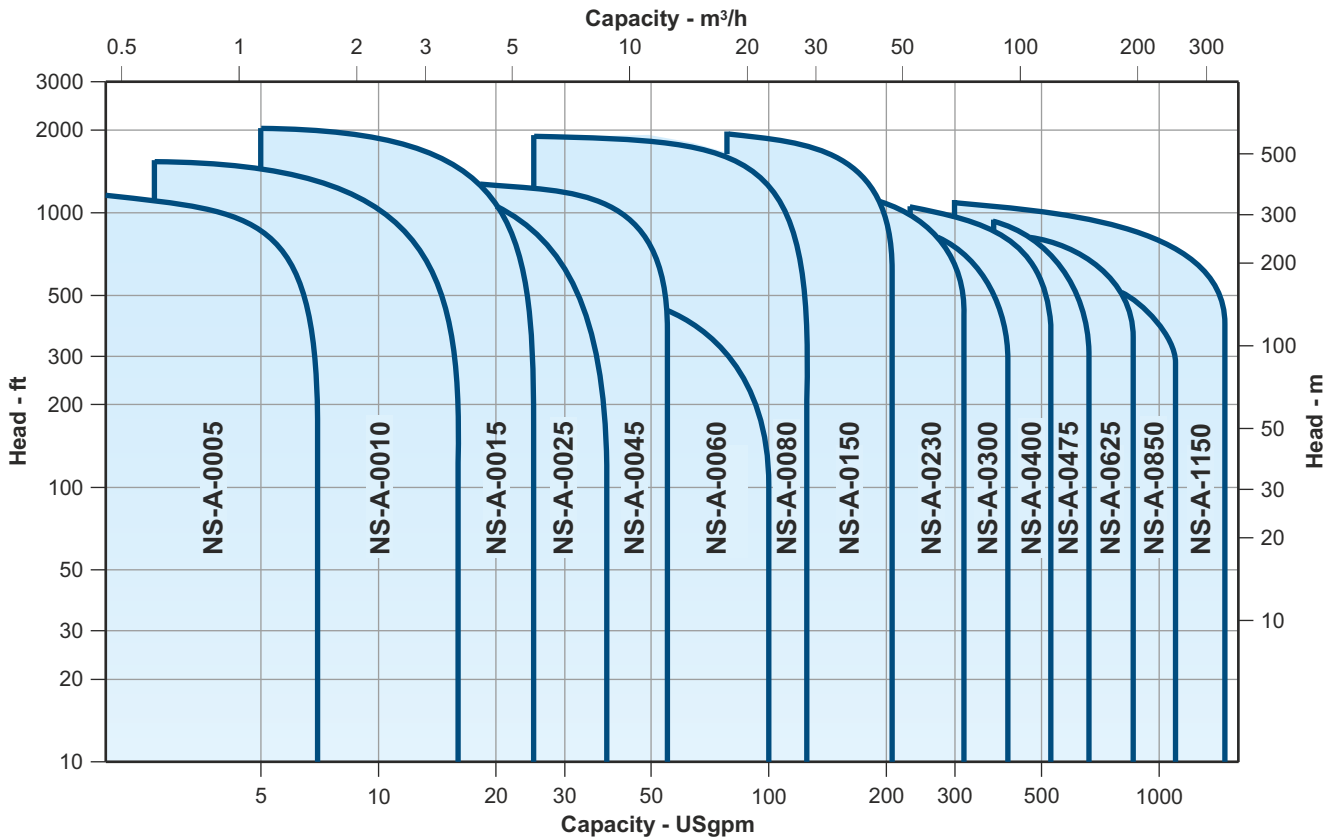


STAINLESS STEEL FABRICATED SUBMERSIBLE PUMPS

PUMP SIZE: 4", 6", 8", 10"

PERFORMANCE RANGE

5 GPM to 1150 GPM



Pump Size	Model Name	Rated Flow
4" PUMP	NS-A-0005	5 GPM
4" PUMP	NS-A-0010	10 GPM
4" PUMP	NS-A-0015	15 GPM
4" PUMP	NS-A-0025	25 GPM
4" PUMP	NS-A-0045	45 GPM
4" PUMP	NS-A-0060	60 GPM

Pump Size	Model Name	Rated Flow
6" PUMP	NS-A-0080	80 GPM
6" PUMP	NS-A-0150	150 GPM
6" PUMP	NS-A-0230	230 GPM
6" PUMP	NS-A-0300	300 GPM

Pump Size	Model Name	Rated Flow
8" PUMP	NS-A-0400	400 GPM
8" PUMP	NS-A-0475	475 GPM
10" PUMP	NS-A-0625	625 GPM
10" PUMP	NS-A-0850	850 GPM
10" PUMP	NS-A-1150	1150 GPM

STAINLESS STEEL FABRICATED SUBMERSIBLE PUMPS

PUMP SIZE: 4", 6", 8", 10" MODEL CODE 5 GPM to 1150 GPM

NS **A** **0150** **11** **6** **6** **E**

Discharge size NPT

Code	Size	Code	Size
A	1 1/4"	E	3"
B	1 1/2"	F	4"
C	2"	G	5"
D	2 1/2"	H	6"

Motor joining size

Code	Size
4	4"
6	6"
8	8"
1	10"

Pump size

Code	Size
4	4"
6	6"
8	8"
1	10"

Number of stages

Rated flow (GPM)

Code	GPM
0005	5 GPM
0010	10 GPM
0015	15 GPM
0025	25 GPM
0045	45 GPM
0060	60 GPM
0080	80 GPM
0150	150 GPM
0230	230 GPM
0300	300 GPM
0400	400 GPM
0475	475 GPM
0625	625 GPM
0850	850 GPM
1150	1150 GPM

Material of construction

Code	Material
A	304 Stainless steel

Series name

Code	Series
NS	Submersible pump

Example:

NS-A-0150-11-6-6-E = Submersible pump, 304 Stainless steel, 150 GPM, 11 stages, 6" Pump, 6" Motor joining, 3" Discharge size.

STAINLESS STEEL FABRICATED SUBMERSIBLE PUMPS

PUMP SIZE: 4", 6", 8", 10"

ORDER INFORMATION

5 GPM to 1150 GPM

GPM	STAGES	MOTOR JOINING SIZE	ORDER NO. / MODEL CODE
5	9	4"	NS-A-0005-09-4-4-A
	13	4"	NS-A-0005-13-4-4-A
	18	4"	NS-A-0005-18-4-4-A
	22	4"	NS-A-0005-22-4-4-A
	26	4"	NS-A-0005-26-4-4-A
	31	4"	NS-A-0005-31-4-4-A
	39	4"	NS-A-0005-39-4-4-A
10	48	4"	NS-A-0005-48-4-4-A
	6	4"	NS-A-0010-06-4-4-A
	9	4"	NS-A-0010-09-4-4-A
	12	4"	NS-A-0010-12-4-4-A
	15	4"	NS-A-0010-15-4-4-A
	21	4"	NS-A-0010-21-4-4-A
	27	4"	NS-A-0010-27-4-4-A
15	34	4"	NS-A-0010-34-4-4-A
	48	4"	NS-A-0010-48-4-4-A
	58	4"	NS-A-0010-58-4-4-A
	5	4"	NS-A-0015-05-4-4-A
	8	4"	NS-A-0015-08-4-4-A
	10	4"	NS-A-0015-10-4-4-A
	14	4"	NS-A-0015-14-4-4-A
25	18	4"	NS-A-0015-18-4-4-A
	24	4"	NS-A-0015-24-4-4-A
	38	4"	NS-A-0015-38-4-4-A
	56	4"	NS-A-0015-56-4-4-A
	56	6"	NS-A-0015-56-4-6-A
	75	6"	NS-A-0015-75-4-6-A
	3	4"	NS-A-0025-03-4-4-B
45	5	4"	NS-A-0025-05-4-4-B
	7	4"	NS-A-0025-07-4-4-B
	9	4"	NS-A-0025-09-4-4-B
	11	4"	NS-A-0025-11-4-4-B
	15	4"	NS-A-0025-15-4-4-B
	26	4"	NS-A-0025-26-4-4-B
	39	4"	NS-A-0025-39-4-4-B
150	39	6"	NS-A-0025-39-4-6-B
	52	6"	NS-A-0025-52-4-6-B
	3	4"	NS-A-0045-03-4-4-C
	4	4"	NS-A-0045-04-4-4-C
	5	4"	NS-A-0045-05-4-4-C
	7	4"	NS-A-0045-07-4-4-C
	9	4"	NS-A-0045-09-4-4-C
	12	4"	NS-A-0045-12-4-4-C
	15	4"	NS-A-0045-15-4-4-C
	15	6"	NS-A-0045-15-4-6-C
	18	4"	NS-A-0045-18-4-4-C
	18	6"	NS-A-0045-18-4-6-C
	22	6"	NS-A-0045-22-4-6-C
	25	6"	NS-A-0045-25-4-6-C
	28	6"	NS-A-0045-28-4-6-C
	31	6"	NS-A-0045-31-4-6-C
	34	6"	NS-A-0045-34-4-6-C
37	6"	NS-A-0045-37-4-6-C	
40	6"	NS-A-0045-40-4-6-C	
43	6"	NS-A-0045-43-4-6-C	
47	6"	NS-A-0045-47-4-6-C	
51	6"	NS-A-0045-51-4-6-C	

GPM	STAGES	MOTOR JOINING SIZE	ORDER NO. / MODEL CODE	
60	1	4"	NS-A-0060-01-4-4-C	
	2	4"	NS-A-0060-02-4-4-C	
	3	4"	NS-A-0060-03-4-4-C	
	4	4"	NS-A-0060-04-4-4-C	
	5	4"	NS-A-0060-05-4-4-C	
	7	4"	NS-A-0060-07-4-4-C	
	9	4"	NS-A-0060-09-4-4-C	
	11	4"	NS-A-0060-11-4-4-C	
	11	6"	NS-A-0060-11-4-6-C	
	13	4"	NS-A-0060-13-4-4-C	
	13	6"	NS-A-0060-13-4-6-C	
	16	6"	NS-A-0060-16-4-6-C	
	18	6"	NS-A-0060-18-4-6-C	
	80	1	4"	NS-A-0080-01-6-4-E
		2	4"	NS-A-0080-02-6-4-E
		3	4"	NS-A-0080-03-6-4-E
		4	4"	NS-A-0080-04-6-4-E
		5	4"	NS-A-0080-05-6-4-E
5		6"	NS-A-0080-05-6-6-E	
6		4"	NS-A-0080-06-6-4-E	
6		6"	NS-A-0080-06-6-6-E	
7		6"	NS-A-0080-07-6-6-E	
8		6"	NS-A-0080-08-6-6-E	
9		6"	NS-A-0080-09-6-6-E	
10		6"	NS-A-0080-10-6-6-E	
11		6"	NS-A-0080-11-6-6-E	
12		6"	NS-A-0080-12-6-6-E	
13		6"	NS-A-0080-13-6-6-E	
14		6"	NS-A-0080-14-6-6-E	
15		6"	NS-A-0080-15-6-6-E	
16		6"	NS-A-0080-16-6-6-E	
17		6"	NS-A-0080-17-6-6-E	
18		6"	NS-A-0080-18-6-6-E	
19		6"	NS-A-0080-19-6-6-E	
20	6"	NS-A-0080-20-6-6-E		
21	6"	NS-A-0080-21-6-6-E		
22	6"	NS-A-0080-22-6-6-E		
23	6"	NS-A-0080-23-6-6-E		
24	6"	NS-A-0080-24-6-6-E		
25	6"	NS-A-0080-25-6-6-E		
26	6"	NS-A-0080-26-6-6-E		
27	6"	NS-A-0080-27-6-6-E		
28	6"	NS-A-0080-28-6-6-E		
29	6"	NS-A-0080-29-6-6-E		
30	6"	NS-A-0080-30-6-6-E		
33	6"	NS-A-0080-33-6-6-E		
36	6"	NS-A-0080-36-6-6-E		
39	6"	NS-A-0080-39-6-6-E		
150	1	4"	NS-A-0150-01-6-4-E	
	2	4"	NS-A-0150-02-6-4-E	
	3	4"	NS-A-0150-03-6-4-E	
	3	6"	NS-A-0150-03-6-6-E	
	4	4"	NS-A-0150-04-6-4-E	
	4	6"	NS-A-0150-04-6-6-E	
5	6"	NS-A-0150-05-6-6-E		
6	6"	NS-A-0150-06-6-6-E		

STAINLESS STEEL FABRICATED SUBMERSIBLE PUMPS

PUMP SIZE: 4", 6", 8", 10"

ORDER INFORMATION

5 GPM to 1150 GPM

GPM	STAGES	MOTOR JOINING SIZE	ORDER NO. / MODEL CODE
150	7	6"	NS-A-0150-07-6-6-E
	8	6"	NS-A-0150-08-6-6-E
	9	6"	NS-A-0150-09-6-6-E
	10	6"	NS-A-0150-10-6-6-E
	11	6"	NS-A-0150-11-6-6-E
	12	6"	NS-A-0150-12-6-6-E
	13	6"	NS-A-0150-13-6-6-E
	14	6"	NS-A-0150-14-6-6-E
	15	6"	NS-A-0150-15-6-6-E
	16	6"	NS-A-0150-16-6-6-E
	17	6"	NS-A-0150-17-6-6-E
	18	6"	NS-A-0150-18-6-6-E
	19	6"	NS-A-0150-19-6-6-E
	20	6"	NS-A-0150-20-6-6-E
	21	6"	NS-A-0150-21-6-6-E
	22	6"	NS-A-0150-22-6-6-E
	23	6"	NS-A-0150-23-6-6-E
	24	6"	NS-A-0150-24-6-6-E
	25	6"	NS-A-0150-25-6-6-E
	26	6"	NS-A-0150-26-6-6-E
	27	6"	NS-A-0150-27-6-6-E
	28	6"	NS-A-0150-28-6-6-E
	29	6"	NS-A-0150-29-6-6-E
	29	8"	NS-A-0150-29-6-8-E
	31	6"	NS-A-0150-31-6-6-E
	31	8"	NS-A-0150-31-6-8-E
	33	6"	NS-A-0150-33-6-6-E
	33	8"	NS-A-0150-33-6-8-E
36	8"	NS-A-0150-36-6-8-E	
39	8"	NS-A-0150-39-6-8-E	
230	1B	4"	NS-A-0230-1B-6-4-E
	1A	4"	NS-A-0230-1A-6-4-E
	1	4"	NS-A-0230-01-6-4-E
	2G	4"	NS-A-0230-2G-6-4-E
	2	4"	NS-A-0230-02-6-4-E
	2	6"	NS-A-0230-02-6-6-E
	3E	4"	NS-A-0230-3E-6-4-E
	3E	6"	NS-A-0230-3E-6-6-E
	3	6"	NS-A-0230-03-6-6-E
	4F	6"	NS-A-0230-4F-6-6-E
	4	6"	NS-A-0230-04-6-6-E
	5B	6"	NS-A-0230-5B-6-6-E
	5	6"	NS-A-0230-05-6-6-E
	6	6"	NS-A-0230-06-6-6-E
	7C	6"	NS-A-0230-7C-6-6-E
	7	6"	NS-A-0230-07-6-6-E
	8B	6"	NS-A-0230-8B-6-6-E
	8	6"	NS-A-0230-08-6-6-E
9E	6"	NS-A-0230-9E-6-6-E	
9	6"	NS-A-0230-09-6-6-E	
10	6"	NS-A-0230-10-6-6-E	
11	6"	NS-A-0230-11-6-6-E	
12	6"	NS-A-0230-12-6-6-E	
13	6"	NS-A-0230-13-6-6-E	
14	6"	NS-A-0230-14-6-6-E	
15	6"	NS-A-0230-15-6-6-E	
16	6"	NS-A-0230-16-6-6-E	

GPM	STAGES	MOTOR JOINING SIZE	ORDER NO. / MODEL CODE
230	17	6"	NS-A-0230-17-6-6-E
	17	8"	NS-A-0230-17-6-8-E
	18	6"	NS-A-0230-18-6-6-E
	18	8"	NS-A-0230-18-6-8-E
	19	6"	NS-A-0230-19-6-6-E
	19	8"	NS-A-0230-19-6-8-E
	20	8"	NS-A-0230-20-6-8-E
	22	8"	NS-A-0230-22-6-8-E
	1B	4"	NS-A-0300-1B-6-4-E
	300	1	4"
2E		4"	NS-A-0300-2E-6-4-E
2		4"	NS-A-0300-02-6-4-E
2		6"	NS-A-0300-02-6-6-E
3A		6"	NS-A-0300-3A-6-6-E
3		6"	NS-A-0300-03-6-6-E
4D		6"	NS-A-0300-4D-6-6-E
4		6"	NS-A-0300-04-6-6-E
5D		6"	NS-A-0300-5D-6-6-E
5		6"	NS-A-0300-05-6-6-E
6B		6"	NS-A-0300-6B-6-6-E
6		6"	NS-A-0300-06-6-6-E
7		6"	NS-A-0300-07-6-6-E
8		6"	NS-A-0300-08-6-6-E
9B		6"	NS-A-0300-9B-6-6-E
9		6"	NS-A-0300-09-6-6-E
10		6"	NS-A-0300-10-6-6-E
11		6"	NS-A-0300-11-6-6-E
12		6"	NS-A-0300-12-6-6-E
13		6"	NS-A-0300-13-6-6-E
14	6"	NS-A-0300-14-6-6-E	
14	8"	NS-A-0300-14-6-8-E	
15	6"	NS-A-0300-15-6-6-E	
15	8"	NS-A-0300-15-6-8-E	
16	8"	NS-A-0300-16-6-8-E	
17	8"	NS-A-0300-17-6-8-E	
18	8"	NS-A-0300-18-6-8-E	
400	1	6"	NS-A-0400-01-8-6-F
	2H	6"	NS-A-0400-2H-8-6-F
	2	6"	NS-A-0400-02-8-6-F
	3A	6"	NS-A-0400-3A-8-6-F
	3	6"	NS-A-0400-03-8-6-F
	4B	6"	NS-A-0400-4B-8-6-F
	4	6"	NS-A-0400-04-8-6-F
	5E	6"	NS-A-0400-5E-8-6-F
	5	6"	NS-A-0400-05-8-6-F
	6B	6"	NS-A-0400-6B-8-6-F
	6	6"	NS-A-0400-06-8-6-F
	7	6"	NS-A-0400-07-8-6-F
	8	6"	NS-A-0400-08-8-6-F
9	8"	NS-A-0400-09-8-8-F	
10	8"	NS-A-0400-10-8-8-F	
11	8"	NS-A-0400-11-8-8-F	
12	8"	NS-A-0400-12-8-8-F	
13	8"	NS-A-0400-13-8-8-F	

STAINLESS STEEL FABRICATED SUBMERSIBLE PUMPS

PUMP SIZE: 4", 6", 8", 10"

ORDER INFORMATION

5 GPM to 1150 GPM

GPM	STAGES	MOTOR JOINING SIZE	ORDER NO. / MODEL CODE
475	1A	6"	NS-A-0475-1A-8-6-G
	1	6"	NS-A-0475-01-8-6-G
	2B	6"	NS-A-0475-2B-8-6-G
	2	6"	NS-A-0475-02-8-6-G
	3A	6"	NS-A-0475-3A-8-6-G
	3	6"	NS-A-0475-03-8-6-G
	4G	6"	NS-A-0475-4G-8-6-G
	4	6"	NS-A-0475-04-8-6-G
	5B	6"	NS-A-0475-5B-8-6-G
	5	6"	NS-A-0475-05-8-6-G
	6	6"	NS-A-0475-06-8-6-G
	7	6"	NS-A-0475-07-8-6-G
	8	8"	NS-A-0475-08-8-8-G
9	8"	NS-A-0475-09-8-8-G	
10	8"	NS-A-0475-10-8-8-G	
11	8"	NS-A-0475-11-8-8-G	
12	8"	NS-A-0475-12-8-8-G	
13	8"	NS-A-0475-13-8-8-G	
625	1A	6"	NS-A-0625-1A-1-6-H
	1	6"	NS-A-0625-01-1-6-H
	2D	6"	NS-A-0625-2D-1-6-H
	2A	6"	NS-A-0625-2A-1-6-H
	2	6"	NS-A-0625-02-1-6-H
	3D	6"	NS-A-0625-3D-1-6-H
	3A	6"	NS-A-0625-3A-1-6-H
	3	6"	NS-A-0625-03-1-6-H
	4D	8"	NS-A-0625-4D-1-8-H
	4A	8"	NS-A-0625-4A-1-8-H
	4	8"	NS-A-0625-04-1-8-H
	5D	8"	NS-A-0625-5D-1-8-H
	5A	8"	NS-A-0625-5A-1-8-H
	5	8"	NS-A-0625-05-1-8-H
	6D	8"	NS-A-0625-6D-1-8-H
	6A	8"	NS-A-0625-6A-1-8-H
	6	8"	NS-A-0625-06-1-8-H
7D	8"	NS-A-0625-7D-1-8-H	
7A	8"	NS-A-0625-7A-1-8-H	
7	8"	NS-A-0625-07-1-8-H	
850	1A	6"	NS-A-0850-1A-1-6-H
	1	6"	NS-A-0850-01-1-6-H
	2D	6"	NS-A-0850-2D-1-6-H
	2A	6"	NS-A-0850-2A-1-6-H
	2	6"	NS-A-0850-02-1-6-H
	3D	6"	NS-A-0850-3D-1-6-H
	3A	8"	NS-A-0850-3A-1-8-H
	3	8"	NS-A-0850-03-1-8-H
	4D	8"	NS-A-0850-4D-1-8-H
	4A	8"	NS-A-0850-4A-1-8-H
	4	8"	NS-A-0850-04-1-8-H
	5D	8"	NS-A-0850-5D-1-8-H
	5A	8"	NS-A-0850-5A-1-8-H
5	8"	NS-A-0850-05-1-8-H	
1150	1A	6"	NS-A-1150-1A-1-6-H
	1	6"	NS-A-1150-01-1-6-H
	2D	6"	NS-A-1150-2D-1-6-H
	2A	8"	NS-A-1150-2A-1-8-H
2	8"	NS-A-1150-02-1-8-H	

GPM	STAGES	MOTOR JOINING SIZE	ORDER NO. / MODEL CODE
1150	3D	8"	NS-A-1150-3D-1-8-H
	3A	8"	NS-A-1150-3A-1-8-H
	3	8"	NS-A-1150-03-1-8-H
	4D	8"	NS-A-1150-4D-1-8-H
	4A	8"	NS-A-1150-4A-1-8-H
	4	8"	NS-A-1150-04-1-8-H
	5D	10"	NS-A-1150-5D-1-1-H
	5A	10"	NS-A-1150-5A-1-1-H
	5	10"	NS-A-1150-05-1-1-H
	6D	10"	NS-A-1150-6D-1-1-H
	6A	10"	NS-A-1150-6A-1-1-H
6	10"	NS-A-1150-06-1-1-H	

4" STAINLESS STEEL FABRICATED SUBMERSIBLE PUMPS

MODEL NAME: NS-A-0005

SELECTION CHART

5 GPM

RATINGS ARE IN GALLONS PER MINUTE (GPM)

HP	Stage	PSI	Depth to pumping water level (Lift) in feet																							
			20	40	60	80	100	120	140	160	180	200	220	240	260	280	300	350	400	450	500	600	700	800	900	1000
1/2	9	0					6.5	5.6	4.7	3.8	2.5															
		20				6.3	5.4	4.5	3.4	2.0																
		30			6.1	5.4	4.5	3.2	1.8																	
		40		6.1	5.0	4.1	3.0	1.5																		
		50	5.9	5.0	4.0	3.0	1.1																			
		60	5.0	3.8	2.5	1.0																				
Shut-off PSI			89	81	72	63	55	46	37	29	20	11														
1/2	13	0								6.5	5.9	5.2	4.5	3.9	3.1	2.3										
		20					6.8	6.3	5.7	5.0	4.3	3.7	2.9	2.1												
		30				6.8	6.2	5.5	4.9	4.2	3.5	2.7	1.8													
		40			6.8	6.1	5.5	4.8	4.2	3.4	2.6	1.7														
		50		6.8	6.0	5.4	4.7	4.0	3.4	2.5	1.6															
		60	6.6	5.9	5.3	4.5	4.0	3.3	2.3	1.4																
Shut-off PSI			131	122	113	105	96	87	79	70	61	53	44	35	27	18										
3/4	18	0											6.6	6.2	5.7	5.3	3.9	2.3								
		20									6.9	6.4	6.0	5.5	5.1	4.5	4.1	2.6								
		30								6.8	6.4	6.0	5.5	5.0	4.5	3.9	3.4	1.8								
		40							6.8	6.2	5.9	5.4	5.0	4.5	3.8	3.3	2.7									
		50						6.7	6.2	5.8	5.4	4.8	4.3	3.9	3.1	2.6	1.9									
		60					6.7	6.2	5.7	5.3	4.8	4.3	3.8	3.0	2.5	1.8										
Shut-off PSI						153	144	135	127	118	109	101	92	83	75	66	44	23								
1	22	0												6.8	6.5	6.2	5.4	4.4	3.3	2.0						
		20												6.8	6.4	6.0	5.8	5.4	4.5	3.3	2.0					
		30												6.8	6.4	6.0	5.8	5.3	5.0	4.0	2.8					
		40										6.7	6.4	6.0	5.8	5.3	5.0	4.6	3.5	2.2						
		50							6.9	6.6	6.3	5.9	5.6	5.3	4.9	4.5	4.0	3.0	1.5							
		60						6.8	6.5	6.2	5.9	5.5	5.2	4.8	4.4	4.0	3.5	2.3								
Shut-off PSI							187	178	170	161	152	144	135	126	118	109	87	66	44	22						
1 1/2	26	0															6.5	5.8	5.0	4.0	1.9					
		20															6.6	5.8	5.0	4.1	3.2					
		30														6.8	6.5	6.2	5.5	4.6	3.7	2.6				
		40												6.8	6.5	6.2	5.9	5.0	4.2	3.2	2.0					
		50											6.8	6.5	6.1	5.8	5.5	4.7	3.8	2.8						
		60										6.8	6.5	6.1	5.8	5.5	5.2	4.3	3.2	2.2						
Shut-off PSI											197	188	179	171	162	153	132	110	88	67	23					
1 1/2	31	0																6.8	6.2	5.5	4.0	2.2				
		20																6.8	6.2	5.5	4.8	3.3	1.0			
		30																6.5	5.9	5.2	4.5	2.8				
		40															6.9	6.2	5.6	4.9	4.2	2.4				
		50														6.9	6.5	5.9	5.3	4.5	3.8					
		60													6.8	6.5	6.2	5.7	5.0	4.3	3.4					
Shut-off PSI																225	216	208	186	164	143	121	78	34		
2	39	0																	6.8	5.8	4.7	3.4	1.9			
		20																	6.8	6.3	5.3	4.1	2.8	1.0		
		30																	6.6	6.1	5.0	3.8	2.4			
		40																	6.9	6.4	5.8	4.8	3.5	2.0		
		50																	6.6	6.2	5.6	4.5	3.2	1.5		
		60																6.9	6.4	5.9	5.4	4.2	2.9	1.2		
Shut-off PSI																	273	252	230	208	165	122	78.2	34.9		
3	48	0																			6.9	6.0	5.1	3.9		
		20																				6.5	5.6	4.5	3.4	
		30																				6.3	5.4	4.3	3.1	
		40																				6.1	5.2	4.0	2.8	
		50																				6.8	5.9	4.9	3.8	
		60																				6.6	5.7	4.6	3.5	
Shut-off PSI																					273	230	187	143		

MOST EFFICIENT OPERATING RANGE.
 PERFORMANCES ARE SUBJECT TO PERIODIC CHANGES DUE TO CONTINUOUS IMPROVEMENTS.

4" STAINLESS STEEL FABRICATED SUBMERSIBLE PUMPS

MODEL NAME: NS-A-0045

SELECTION CHART

45 GPM

RATINGS ARE IN GALLONS PER MINUTE (GPM)

HP	Stage	PSI	Depth to pumping water level (Lift) in feet																								
			20	40	60	80	100	120	140	160	180	200	220	240	260	280	300	350	400	450	500	600	700	800	900	1000	
10	25	0																51.5	47.0	42.0	22.0						
		20																	51.5	47.5	42.5	35.0	14.0				
		30																54.0	50.0	45.5	39.0	28.5					
		40																53.5	52.0	48.0	43.0	35.5	24.0				
		50																53.5	52.0	50.5	45.5	40.0	30.0	19.0			
		60																53.0	51.5	50.0	48.5	43.5	36.0	24.5	15.0		
Shut-off PSI																205	197	188	179	158	136	114	93	49			
15	28	0																54.5	51.5	47.5	37.0	17.5					
		20																51.5	47.5	43.5	27.5	10.0					
		30																54.0	50.0	46.0	41.0	22.5					
		40																52.0	48.0	43.5	38.5	19.0					
		50																54.0	50.5	46.5	41.5	34.5	15.0				
		60																53.5	52.5	48.5	44.5	39.0	29.0	11.0			
Shut-off PSI																225	216	195	173	151	130	86	43				
15	31	0																54.5	51.5	48.0	39.0	22.0					
		20																54.5	51.5	48.0	39.0	22.0					
		30																53.5	50.0	46.5	36.0	18.0					
		40																54.5	52.0	48.5	44.5	32.0	15.0				
		50																53.5	50.0	46.5	42.5	27.0	11.0				
		60																52.0	49.0	45.0	40.0	23.0					
Shut-off PSI																232	210	189	167	124	80	37					
15	34	0																54.0	51.5	48.0	40.0	24.0					
		20																54.0	51.5	45.0	34.0	18.0					
		30																53.0	50.0	43.0	30.0	15.0					
		40																54.5	52.0	48.5	41.0	25.5	11.5				
		50																53.0	50.0	47.0	38.0	22.0					
		60																54.6	52.0	49.0	45.0	35.0	19.0				
Shut-off PSI																269	247	225	204	160	117	74					
15	37	0																54.0	51.5	48.0	40.0	24.0					
		20																54.0	48.5	41.5	28.0	15.0					
		30																53.0	47.0	39.5	24.5	12.0					
		40																54.0	51.5	45.5	37.0	22.0					
		50																53.0	50.5	44.0	33.5	18.5					
		60																54.5	52.0	49.0	42.5	30.0	16.0				
Shut-off PSI																284	263	241	198	154	111	68					
20	40	0																53.5	48.5	42.0	30.0	17.0					
		20																51.0	45.5	38.0	24.0	12.0					
		30																54.5	50.0	44.0	35.0	21.0					
		40																54.0	49.0	42.5	32.0	18.0					
		50																52.6	47.5	41.0	28.0	16.0					
		60																54.0	51.5	46.0	39.0	25.0	13.0				
Shut-off PSI																300	278	235	192	148	105	62					
20	43	0																53.0	49.0	43.0	34.0	21.0					
		20																53.0	49.0	43.0	34.0	21.0					
		30																52.5	47.5	41.5	30.5	18.0					
		40																51.0	46.0	39.5	27.0	16.0					
		50																54.6	50.0	45.0	37.0	24.0	13.0				
		60																53.8	49.0	43.5	35.0	21.5	11.0				
Shut-off PSI																315	272	228	185	142	98						
20	47	0																53.5	49.5	44.5	37.5						
		20																51.5	47.0	41.5	32.0						
		30																51.0	46.0	40.0	29.0						
		40																54.0	49.5	45.0	38.0	26.0					
		50																53.0	48.5	43.5	36.0	23.5					
		60																52.0	47.5	42.5	33.0	21.0					
Shut-off PSI																321	278	235	191	148							
20	51	0																52.0	48.0	43.0							
		20																54.0	50.0	46.0	40.5						
		30																53.0	49.5	45.0	39.0						
		40																52.5	48.5	43.5							
		50																51.5	47.0	42.5							
		60																54.5	51.0	46.0	41.0						
Shut-off PSI																371	328	284	241	198							

MOST EFFICIENT OPERATING RANGE.
 PERFORMANCES ARE SUBJECT TO PERIODIC CHANGES DUE TO CONTINUOUS IMPROVEMENTS.

4" STAINLESS STEEL FABRICATED SUBMERSIBLE PUMPS

MODEL NAME: NS-A-0060

SELECTION CHART

60 GPM

RATINGS ARE IN GALLONS PER MINUTE (GPM)

HP	Stage	PSI	Depth to pumping water level (Lift) in feet																								
			20	40	60	80	100	120	140	160	180	200	220	240	260	280	300	350	400	450	500	600	700	800	900	1000	
3/4	1	0	70.0																								
		20																									
		30																									
		40																									
		50																									
		60																									
Shut-off PSI		6																									
1	2	0	95.0	70.0	30.0																						
		20																									
		30																									
		40																									
		50																									
		60																									
Shut-off PSI		21	12	3																							
1½	3	0		87.0	68.0	45.0																					
		20	62.0	35.0																							
		30	32.0																								
		40																									
		50																									
		60																									
Shut-off PSI		35	27	18	9																						
2	4	0		96.0	84.0	71.0	55.0	35.0																			
		20	80.0	66.0	50.0	21.0																					
		30	65.0	46.0	20.0																						
		40	41.0																								
		50																									
		60																									
Shut-off PSI		51	42	34	25	16	8																				
3	5	0			90.0	80.0	69.0	57.0	40.0	19.0																	
		20	88.0	77.0	65.0	51.0	34.0																				
		30	75.0	64.0	50.0	30.0																					
		40	61.0	47.0	27.0																						
		50	44.0	25.0																							
		60	20.0																								
Shut-off PSI		65	56	47	39	30	21	13	4																		
5	7	0			98.0	92.0	85.0	77.0	69.0	60.0	50.0	38.0	20.0														
		20	96.0	89.0	82.0	75.0	67.0	57.0	46.0	32.0																	
		30	88.0	81.0	74.0	66.0	56.0	45.0	30.0																		
		40	80.0	73.0	64.0	54.0	42.0	29.0																			
		50	70.0	62.0	52.0	41.0	26.0																				
		60	62.0	50.0	39.0	23.0																					
Shut-off PSI		94.0	85.0	77	68	59	51	42	33	25	16	7															

MOST EFFICIENT OPERATING RANGE.
 PERFORMANCES ARE SUBJECT TO PERIODIC CHANGES DUE TO CONTINUOUS IMPROVEMENTS.

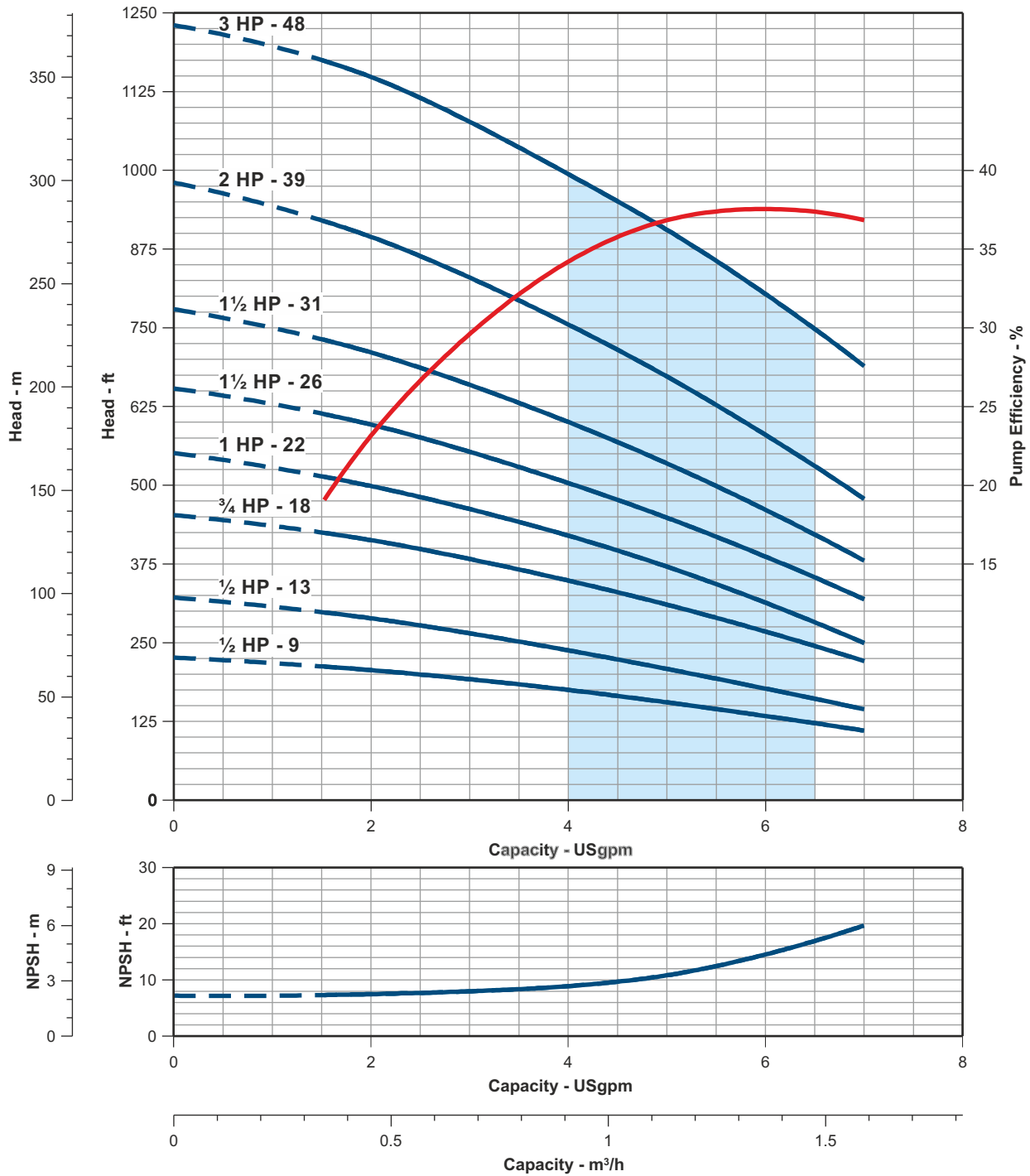
4" STAINLESS STEEL FABRICATED SUBMERSIBLE PUMPS

MODEL NAME: NS-A-0005

PERFORMANCE CURVE

5 GPM

Nominal RPM	3450
Curve based on clear water @	68°F



■ BEST EFFICIENCY REGION
— RECOMMENDED PUMP OPERATING RANGE
 PERFORMANCE BASED ON TEST ACCEPTANCE - ISO 9906:2012 3B.
 PERFORMANCES ARE SUBJECT TO PERIODIC CHANGES DUE TO CONTINUOUS IMPROVEMENTS.

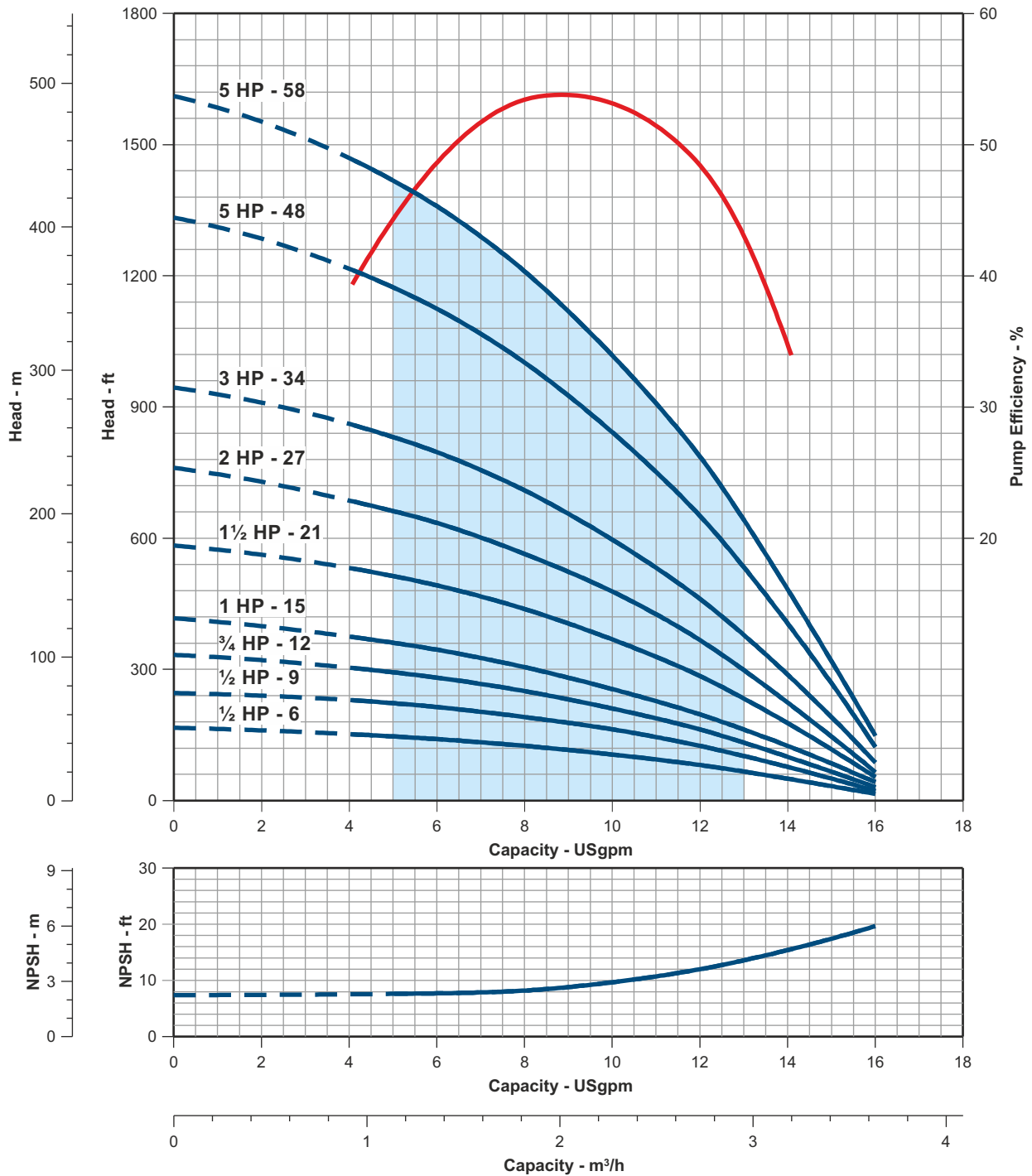
4" STAINLESS STEEL FABRICATED SUBMERSIBLE PUMPS

MODEL NAME: NS-A-0010

PERFORMANCE CURVE

10 GPM

Nominal RPM	3450
Curve based on clear water @	68°F



■ BEST EFFICIENCY REGION
— RECOMMENDED PUMP OPERATING RANGE
 PERFORMANCE BASED ON TEST ACCEPTANCE - ISO 9906:2012 3B.
 PERFORMANCES ARE SUBJECT TO PERIODIC CHANGES DUE TO CONTINUOUS IMPROVEMENTS.

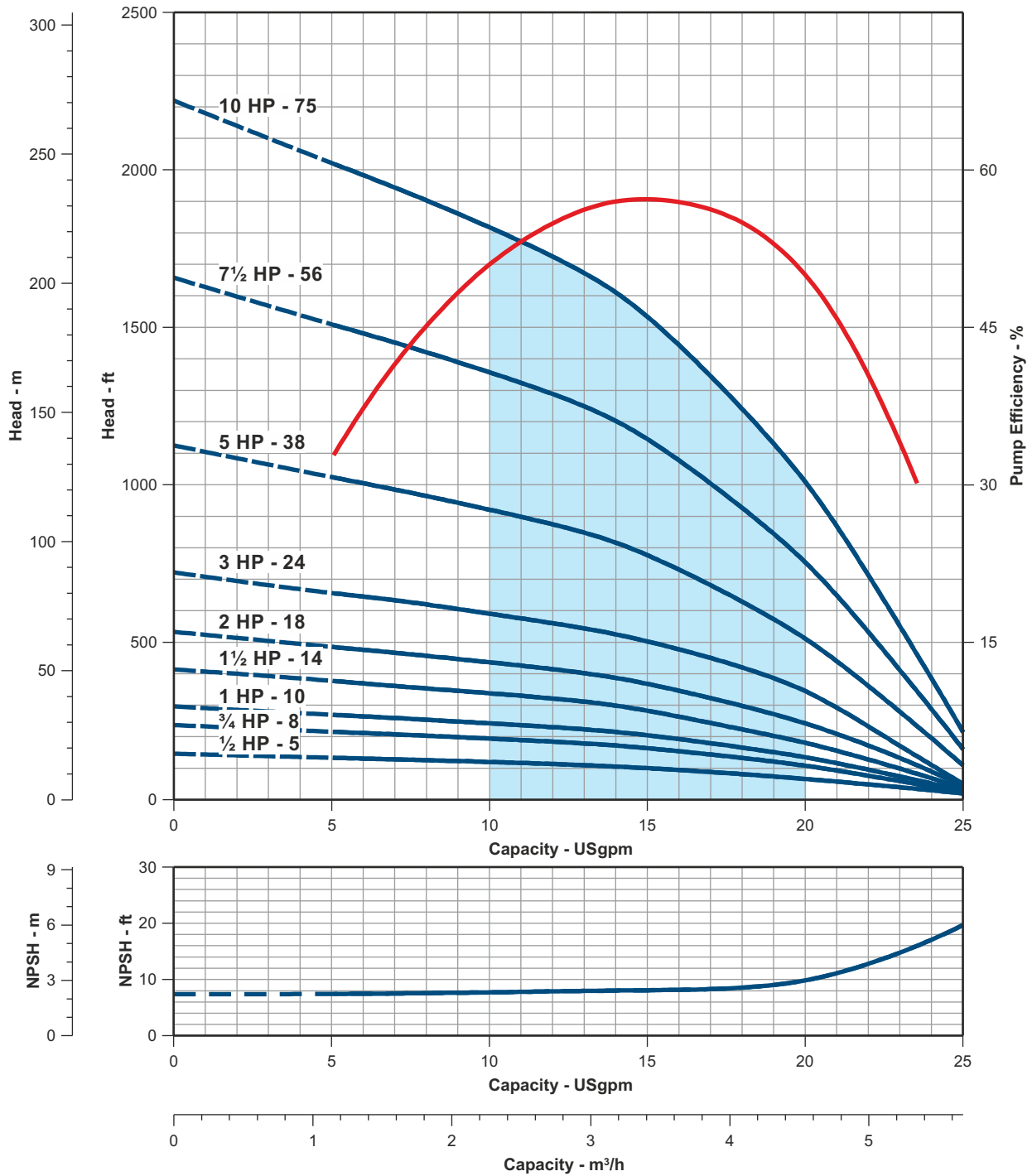
4" STAINLESS STEEL FABRICATED SUBMERSIBLE PUMPS

MODEL NAME: NS-A-0015

PERFORMANCE CURVE

15 GPM

Nominal RPM	3450
Curve based on clear water @	68°F



■ BEST EFFICIENCY REGION
— RECOMMENDED PUMP OPERATING RANGE
 PERFORMANCE BASED ON TEST ACCEPTANCE - ISO 9906:2012 3B.
 PERFORMANCES ARE SUBJECT TO PERIODIC CHANGES DUE TO CONTINUOUS IMPROVEMENTS.

4" STAINLESS STEEL FABRICATED SUBMERSIBLE PUMPS

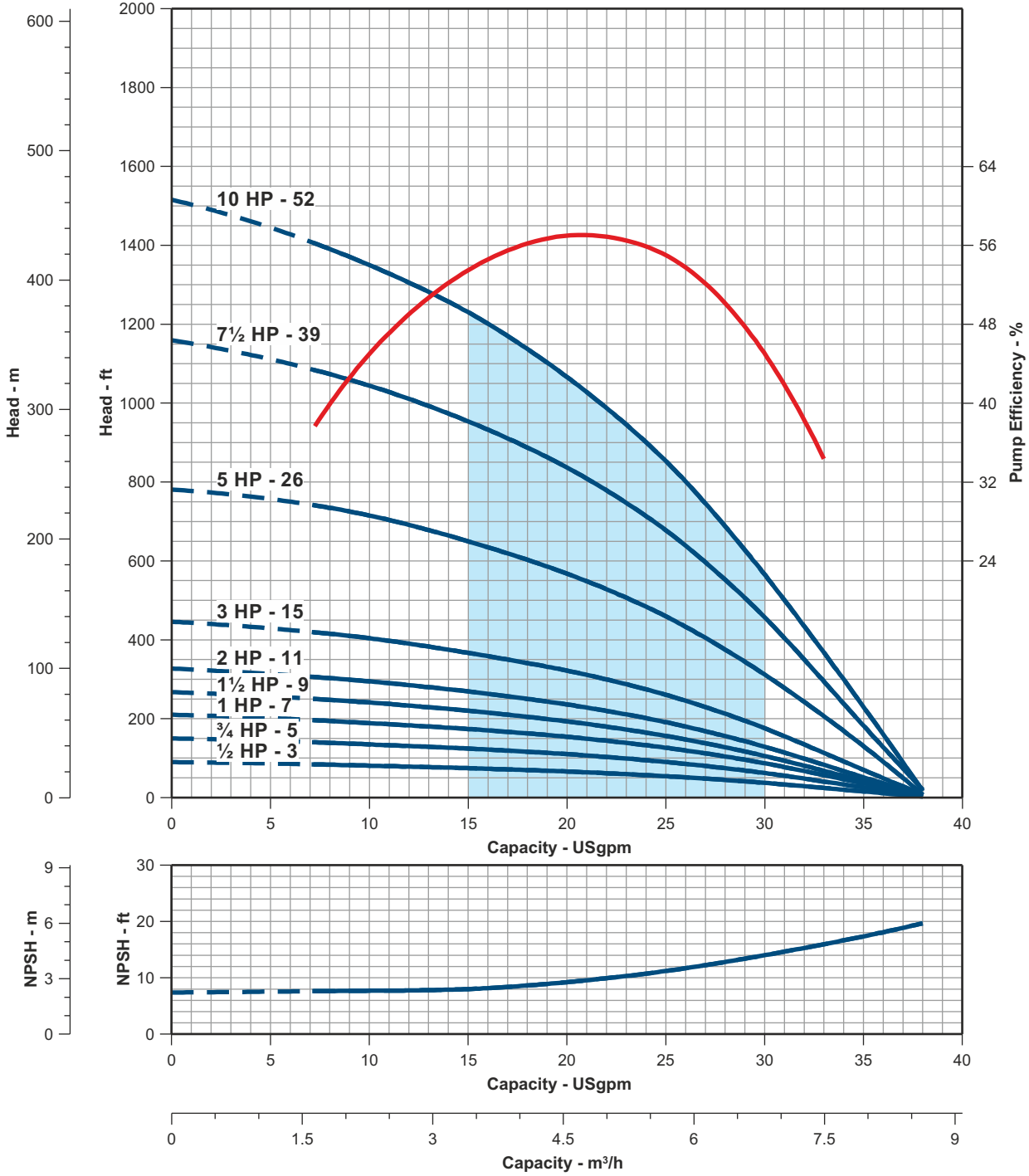
MODEL NAME: NS-A-0025

PERFORMANCE CURVE

25 GPM

Nominal RPM	3450
Curve based on clear water @	68°F

Basic Model	NS-A-0025-09-4-4-B
PEI _{CL} Number	0.99



■ BEST EFFICIENCY REGION
— RECOMMENDED PUMP OPERATING RANGE
 PERFORMANCE BASED ON TEST ACCEPTANCE - ISO 9906:2012 3B.
 PERFORMANCES ARE SUBJECT TO PERIODIC CHANGES DUE TO CONTINUOUS IMPROVEMENTS.

4" STAINLESS STEEL FABRICATED SUBMERSIBLE PUMPS

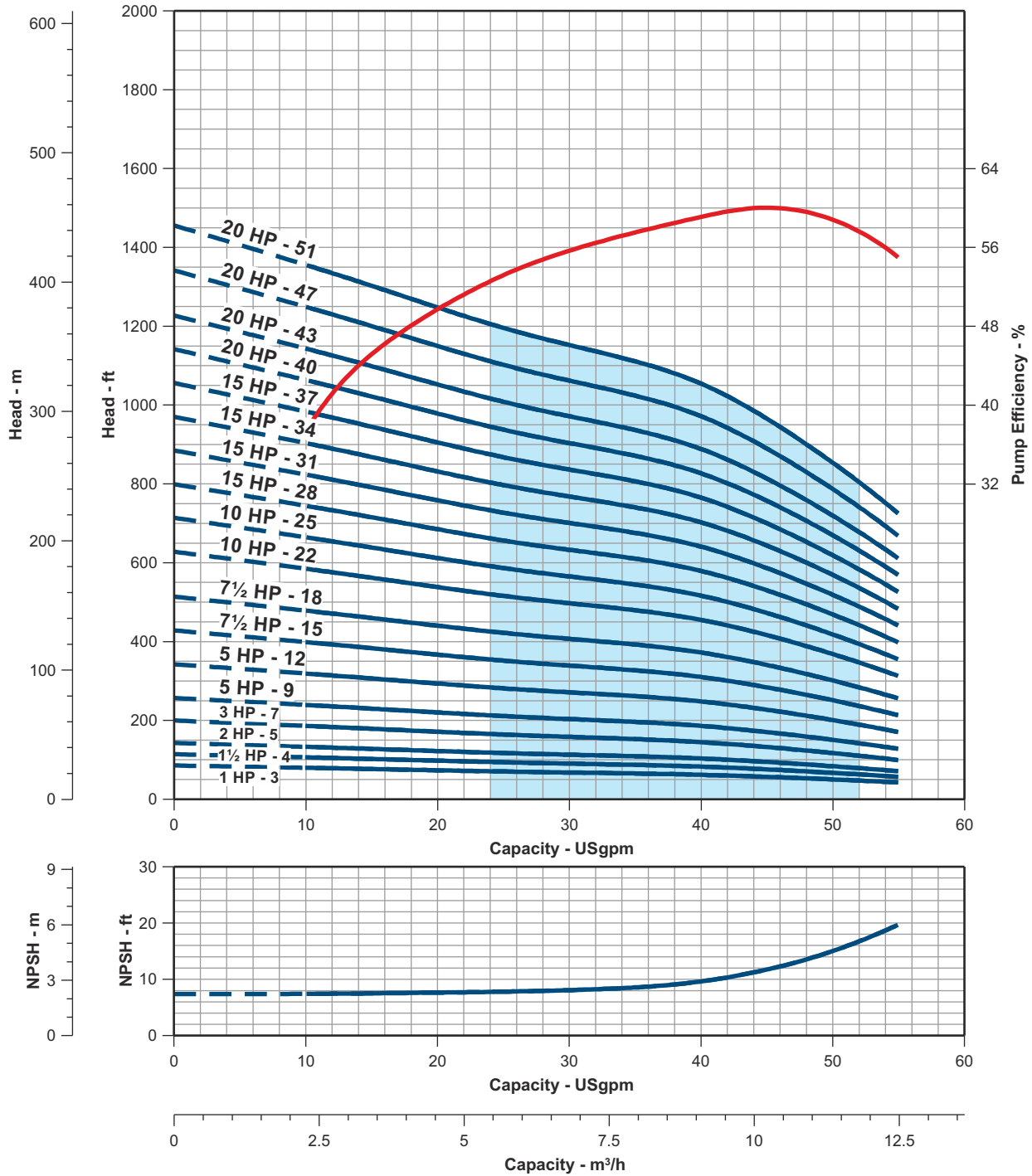
MODEL NAME: NS-A-0045

PERFORMANCE CURVE

45 GPM

Nominal RPM	3450
Curve based on clear water @	68°F

Basic Model	NS-A-0045-09-4-4-C
PEI _{CL} Number	0.99



■ BEST EFFICIENCY REGION
— RECOMMENDED PUMP OPERATING RANGE
 PERFORMANCE BASED ON TEST ACCEPTANCE - ISO 9906:2012 3B.
 PERFORMANCES ARE SUBJECT TO PERIODIC CHANGES DUE TO CONTINUOUS IMPROVEMENTS.

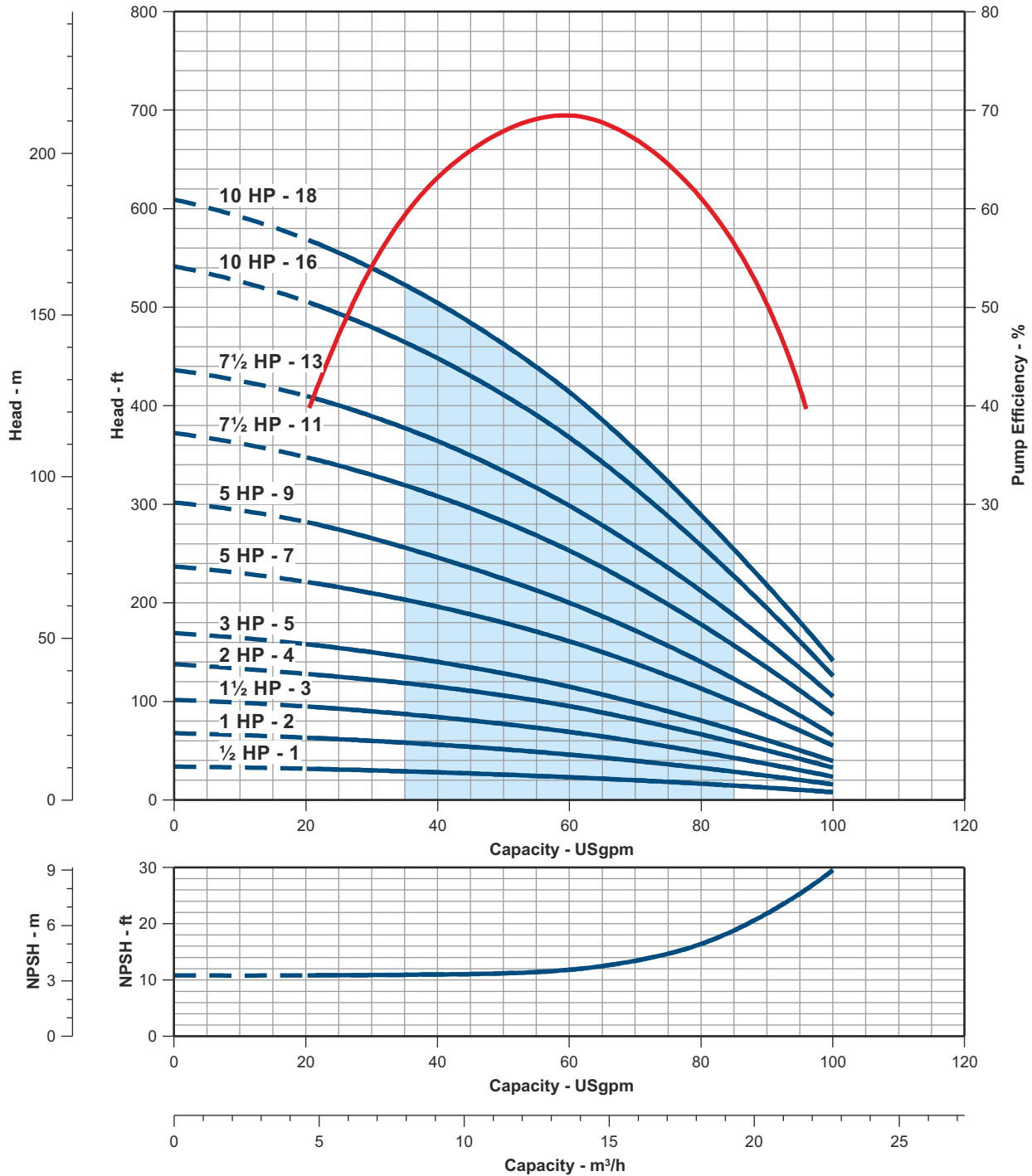
4" STAINLESS STEEL FABRICATED SUBMERSIBLE PUMPS

MODEL NAME: NS-A-0060

PERFORMANCE CURVE

60 GPM

Nominal RPM	3450
Curve based on clear water @	68°F



■ BEST EFFICIENCY REGION
— RECOMMENDED PUMP OPERATING RANGE
 PERFORMANCE BASED ON TEST ACCEPTANCE - ISO 9906:2012 3B.
 PERFORMANCES ARE SUBJECT TO PERIODIC CHANGES DUE TO CONTINUOUS IMPROVEMENTS.

6" STAINLESS STEEL FABRICATED SUBMERSIBLE PUMPS

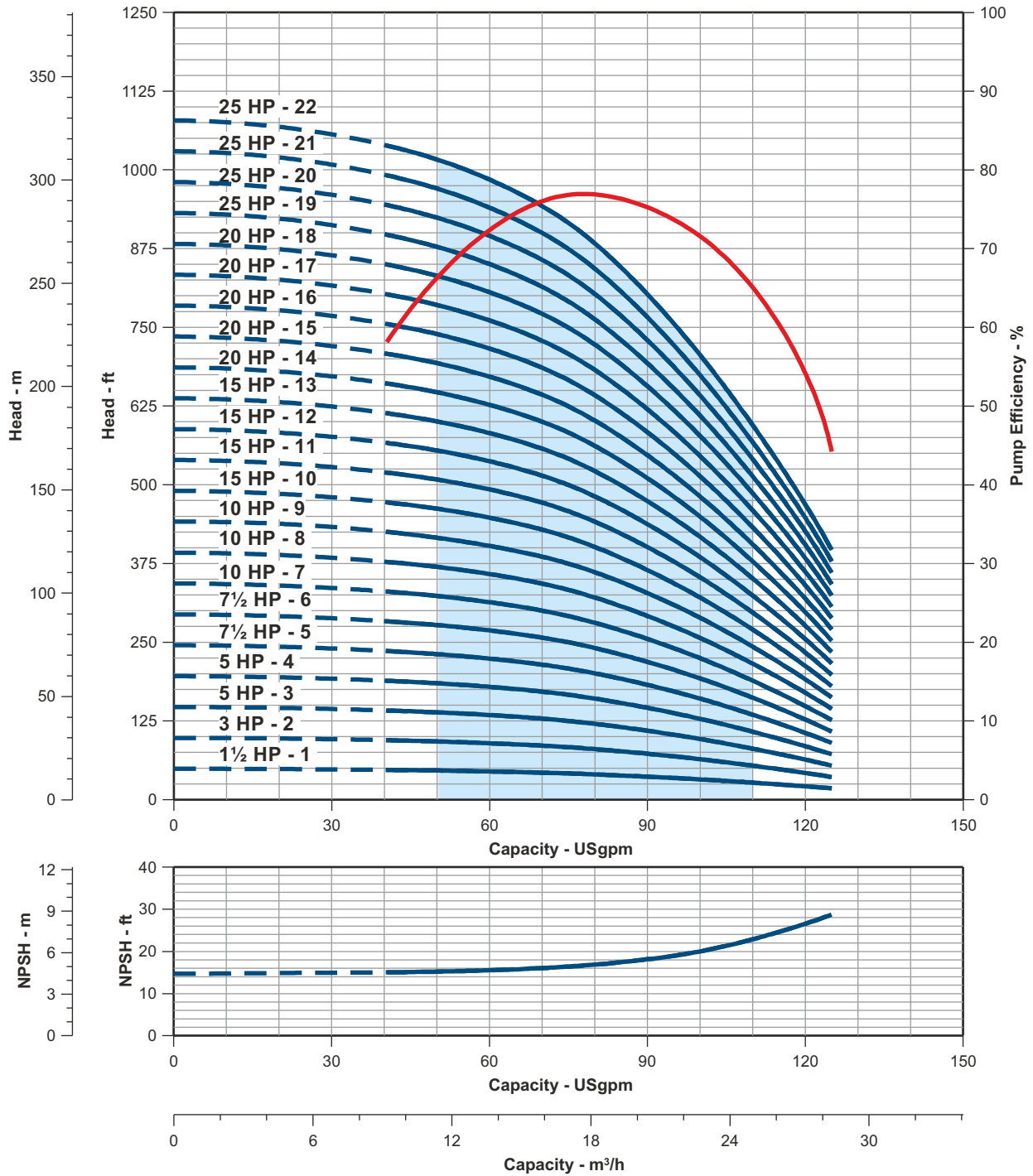
MODEL NAME: NS-A-0080

PERFORMANCE CURVE

80 GPM

Nominal RPM	3450
Curve based on clear water @	68°F

Basic Model	NS-A-0080-09-6-4-E
PEI _{CL} Number	0.98



■ BEST EFFICIENCY REGION
— RECOMMENDED PUMP OPERATING RANGE
 PERFORMANCE BASED ON TEST ACCEPTANCE - ISO 9906:2012 3B.
 PERFORMANCES ARE SUBJECT TO PERIODIC CHANGES DUE TO CONTINUOUS IMPROVEMENTS.

6" STAINLESS STEEL FABRICATED SUBMERSIBLE PUMPS

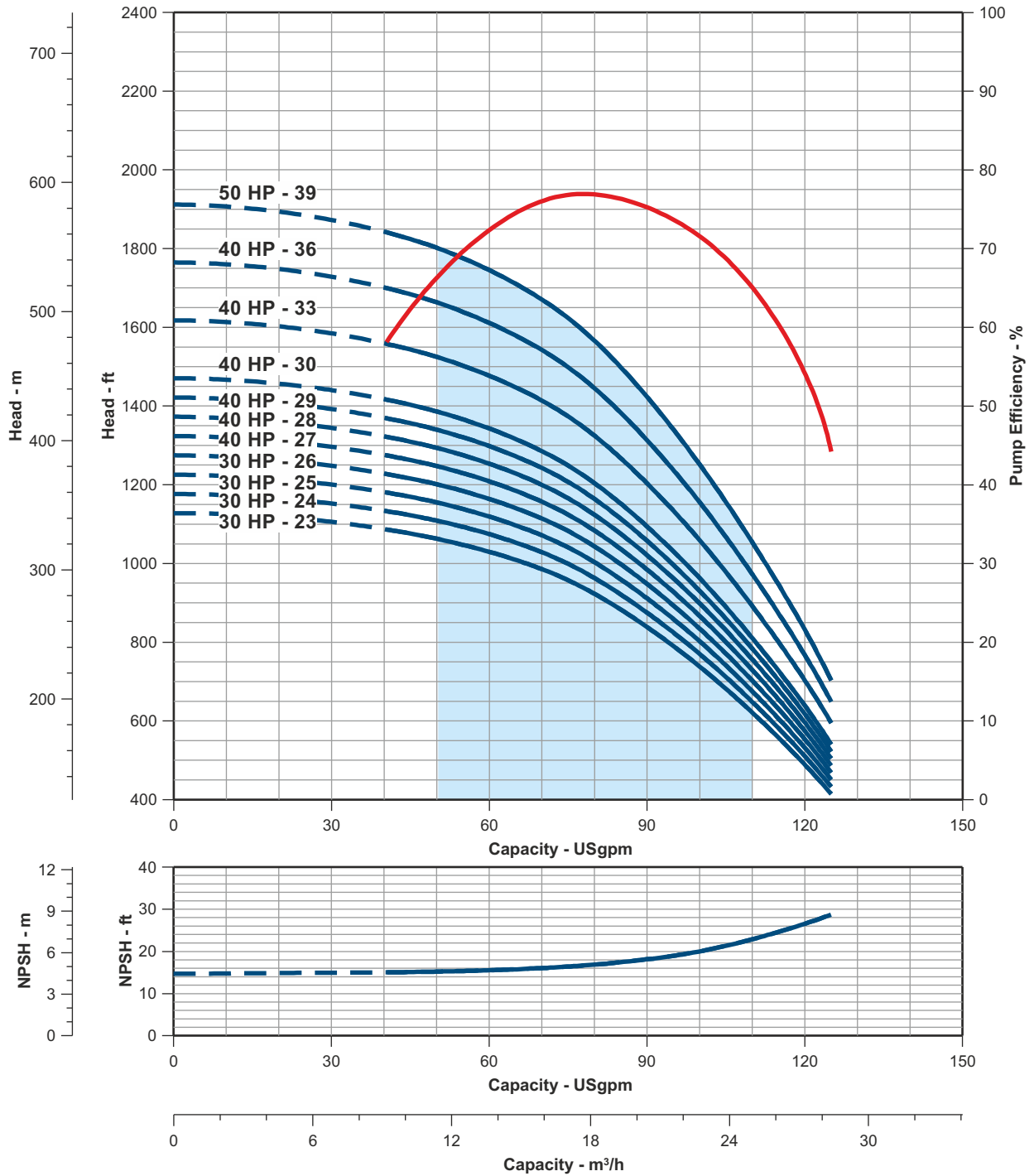
MODEL NAME: NS-A-0080

PERFORMANCE CURVE

80 GPM

Nominal RPM	3450
Curve based on clear water @	68°F

Basic Model	NS-A-0080-09-6-4-E
PEI _{CL} Number	0.98



■ BEST EFFICIENCY REGION
— RECOMMENDED PUMP OPERATING RANGE
 PERFORMANCE BASED ON TEST ACCEPTANCE - ISO 9906:2012 3B.
 PERFORMANCES ARE SUBJECT TO PERIODIC CHANGES DUE TO CONTINUOUS IMPROVEMENTS.

6" STAINLESS STEEL FABRICATED SUBMERSIBLE PUMPS

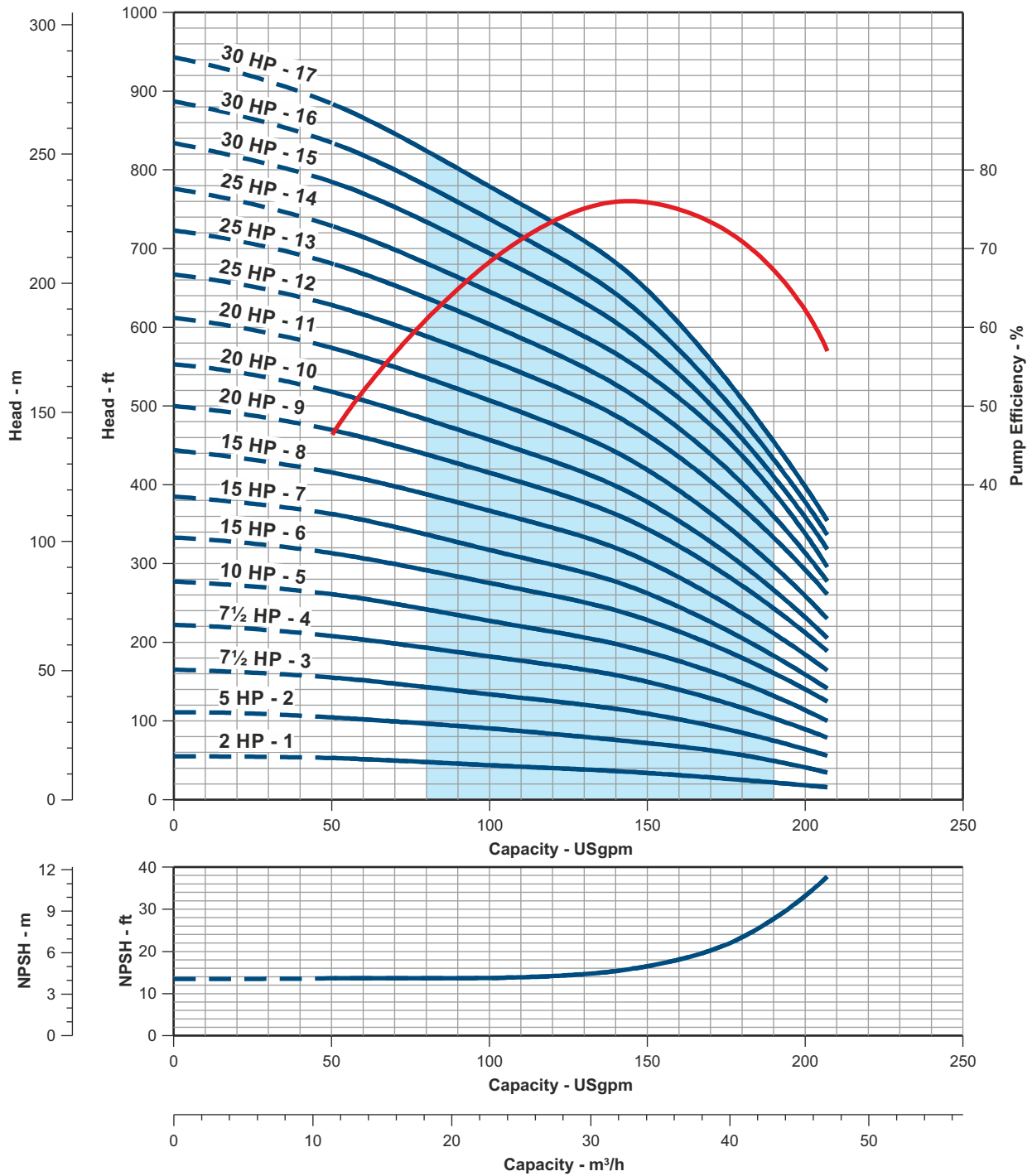
MODEL NAME: NS-A-0150

PERFORMANCE CURVE

150 GPM

Nominal RPM	3450
Curve based on clear water @	68°F

Basic Model	NS-A-0150-09-6-6-E
PEI _{CL} Number	0.99



■ BEST EFFICIENCY REGION
— RECOMMENDED PUMP OPERATING RANGE
 PERFORMANCE BASED ON TEST ACCEPTANCE - ISO 9906:2012 3B.
 PERFORMANCES ARE SUBJECT TO PERIODIC CHANGES DUE TO CONTINUOUS IMPROVEMENTS.

6" STAINLESS STEEL FABRICATED SUBMERSIBLE PUMPS

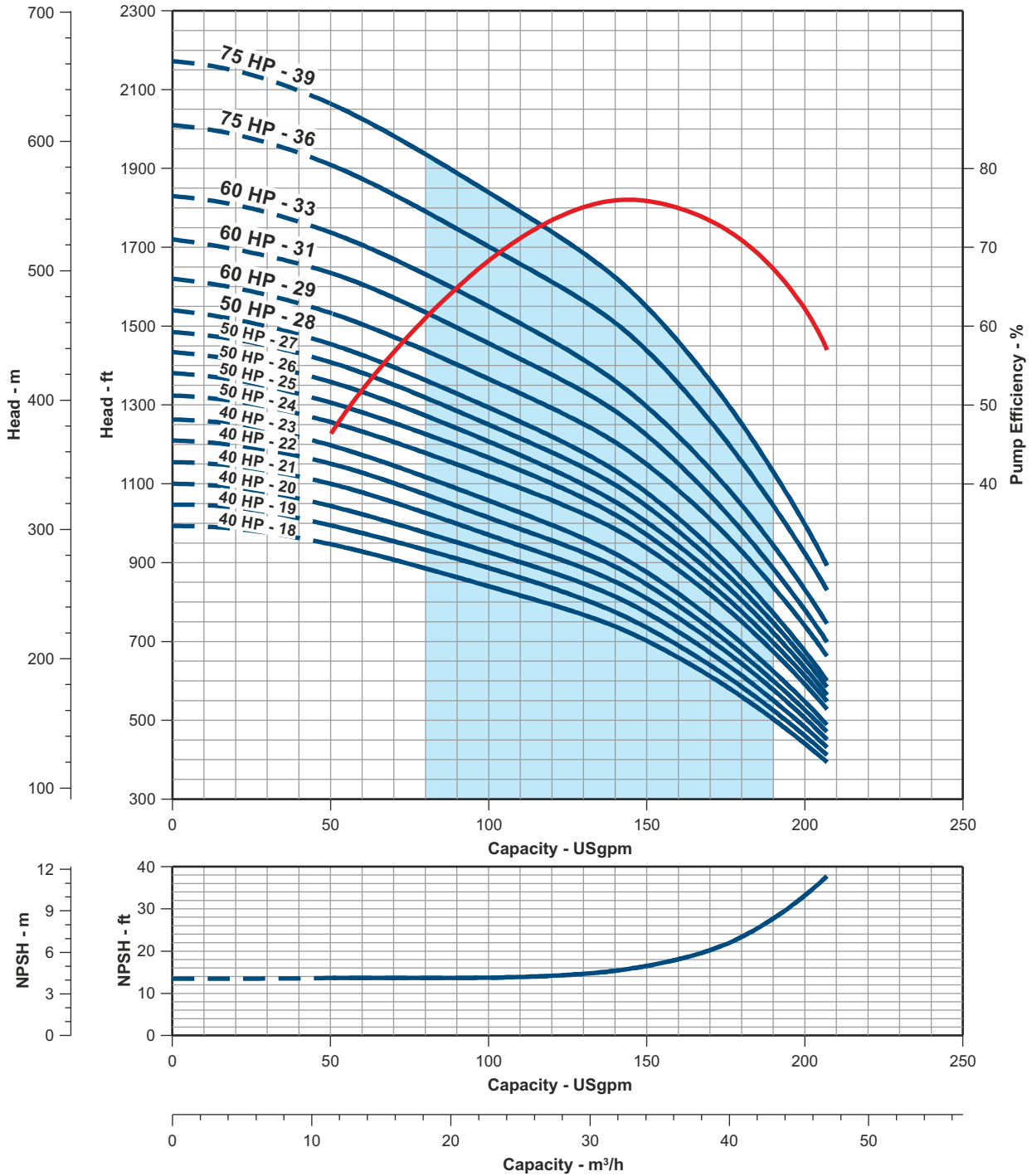
MODEL NAME: NS-A-0150

PERFORMANCE CURVE

150 GPM

Nominal RPM	3450
Curve based on clear water @	68°F

Basic Model	NS-A-0150-09-6-6-E
PEI _{CL} Number	0.99



■ BEST EFFICIENCY REGION
— RECOMMENDED PUMP OPERATING RANGE
 PERFORMANCE BASED ON TEST ACCEPTANCE - ISO 9906:2012 3B.
 PERFORMANCES ARE SUBJECT TO PERIODIC CHANGES DUE TO CONTINUOUS IMPROVEMENTS.

6" STAINLESS STEEL FABRICATED SUBMERSIBLE PUMPS

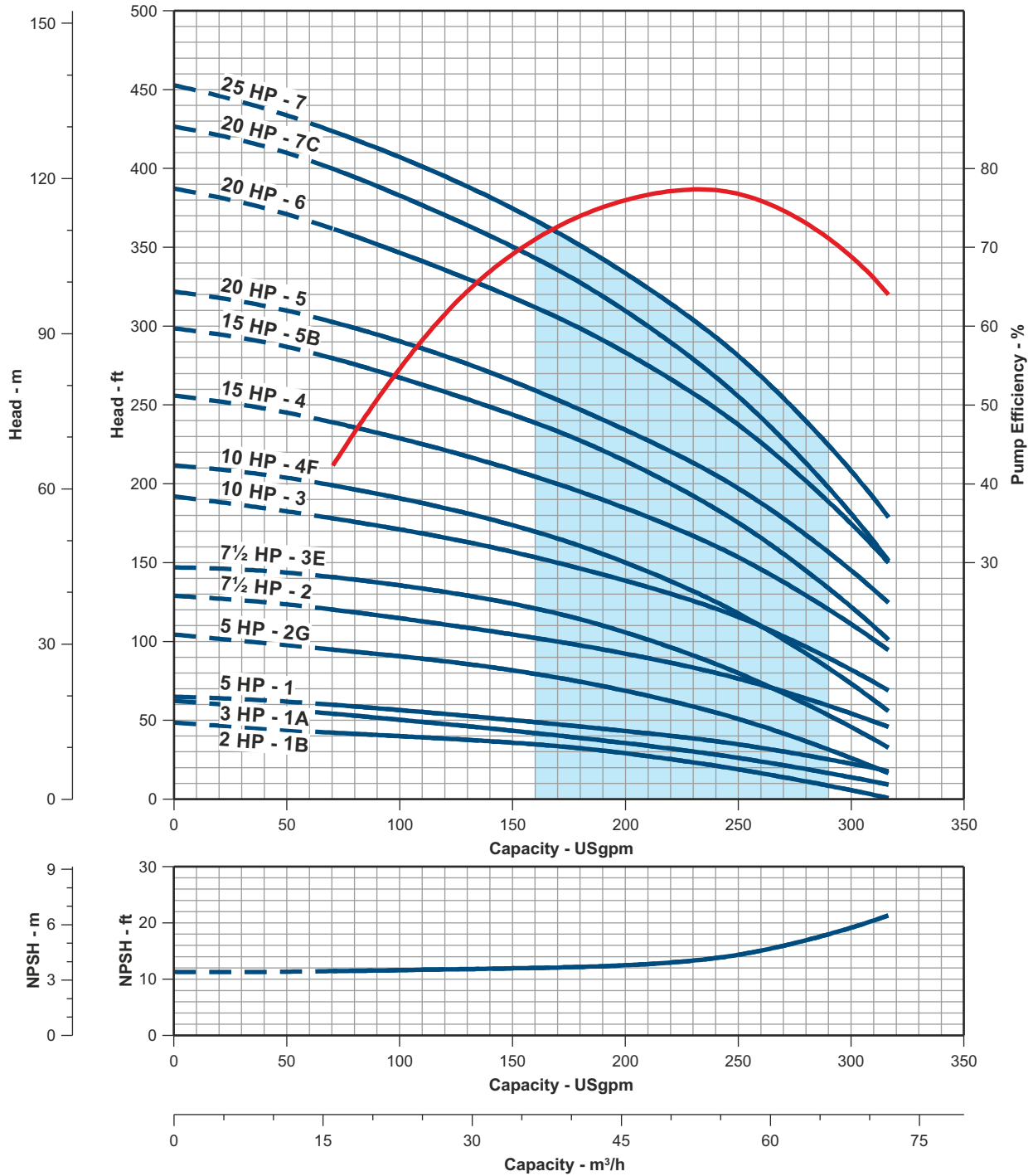
MODEL NAME: NS-A-0230

PERFORMANCE CURVE

230 GPM

Nominal RPM	3450
Curve based on clear water @	68°F

Basic Model	NS-A-0230-09-6-6-E
PEI _{CL} Number	0.95



■ BEST EFFICIENCY REGION
— RECOMMENDED PUMP OPERATING RANGE
 PERFORMANCE BASED ON TEST ACCEPTANCE - ISO 9906:2012 3B.
 PERFORMANCES ARE SUBJECT TO PERIODIC CHANGES DUE TO CONTINUOUS IMPROVEMENTS.

6" STAINLESS STEEL FABRICATED SUBMERSIBLE PUMPS

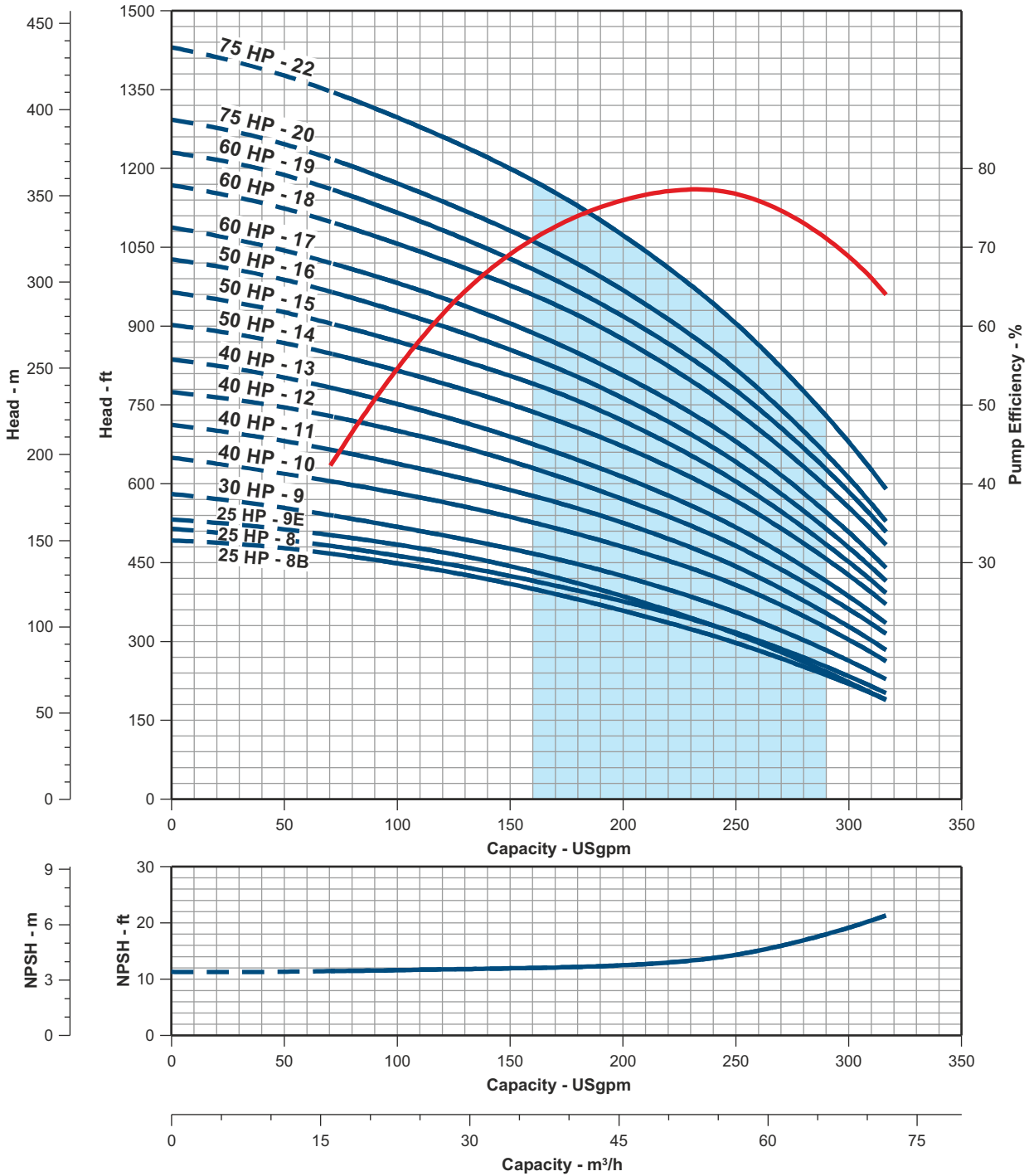
MODEL NAME: NS-A-0230

PERFORMANCE CURVE

230 GPM

Nominal RPM	3450
Curve based on clear water @	68°F

Basic Model	NS-A-0230-09-6-6-E
PEI _{CL} Number	0.95



■ BEST EFFICIENCY REGION
— RECOMMENDED PUMP OPERATING RANGE
 PERFORMANCE BASED ON TEST ACCEPTANCE - ISO 9906:2012 3B.
 PERFORMANCES ARE SUBJECT TO PERIODIC CHANGES DUE TO CONTINUOUS IMPROVEMENTS.

6" STAINLESS STEEL FABRICATED SUBMERSIBLE PUMPS

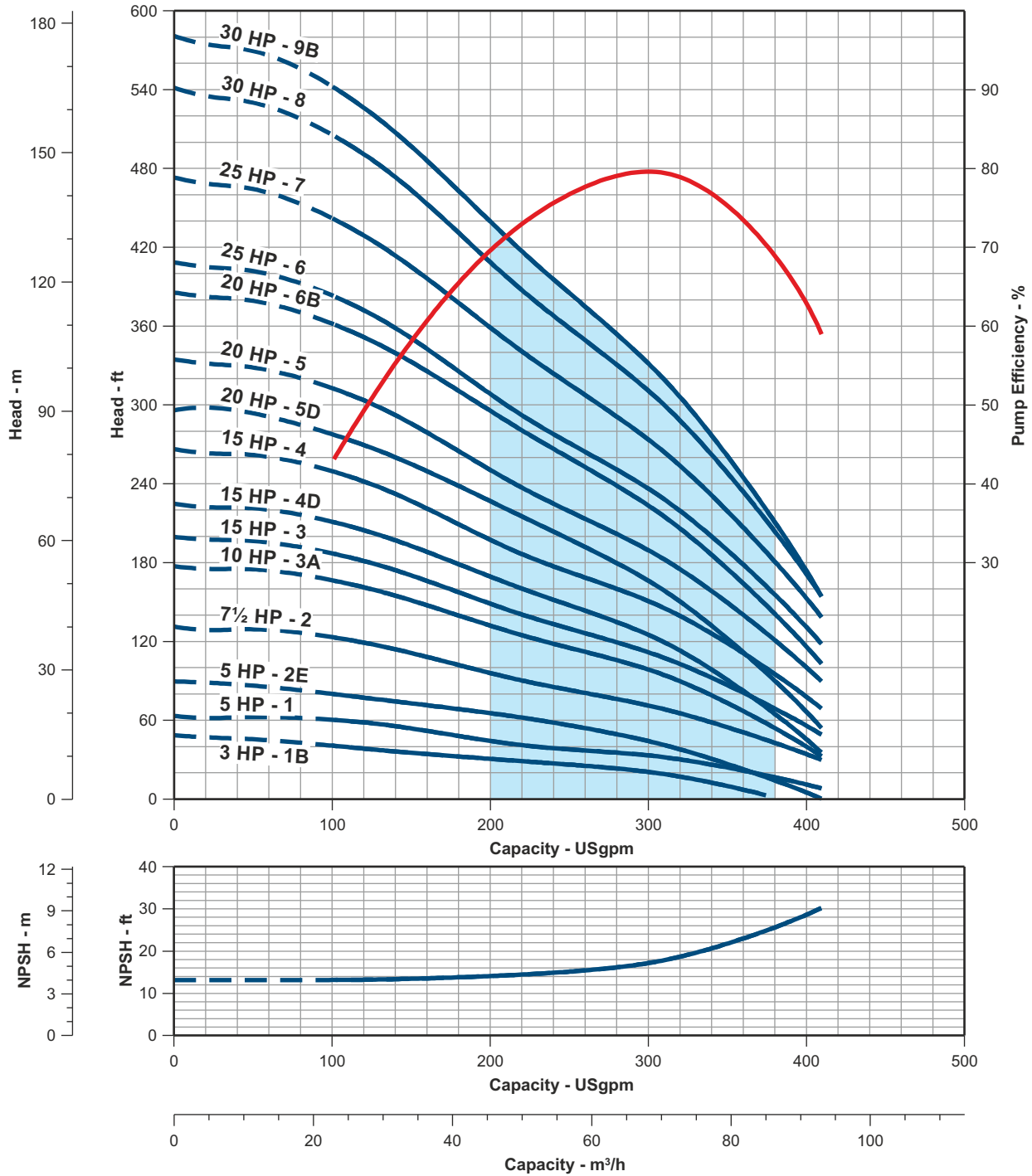
MODEL NAME: NS-A-0300

PERFORMANCE CURVE

300 GPM

Nominal RPM	3450
Curve based on clear water @	68°F

Basic Model	NS-A-0300-09-6-6-E
PEI _{CL} Number	0.95



■ BEST EFFICIENCY REGION
— RECOMMENDED PUMP OPERATING RANGE
 PERFORMANCE BASED ON TEST ACCEPTANCE - ISO 9906:2012 3B.
 PERFORMANCES ARE SUBJECT TO PERIODIC CHANGES DUE TO CONTINUOUS IMPROVEMENTS.

6" STAINLESS STEEL FABRICATED SUBMERSIBLE PUMPS

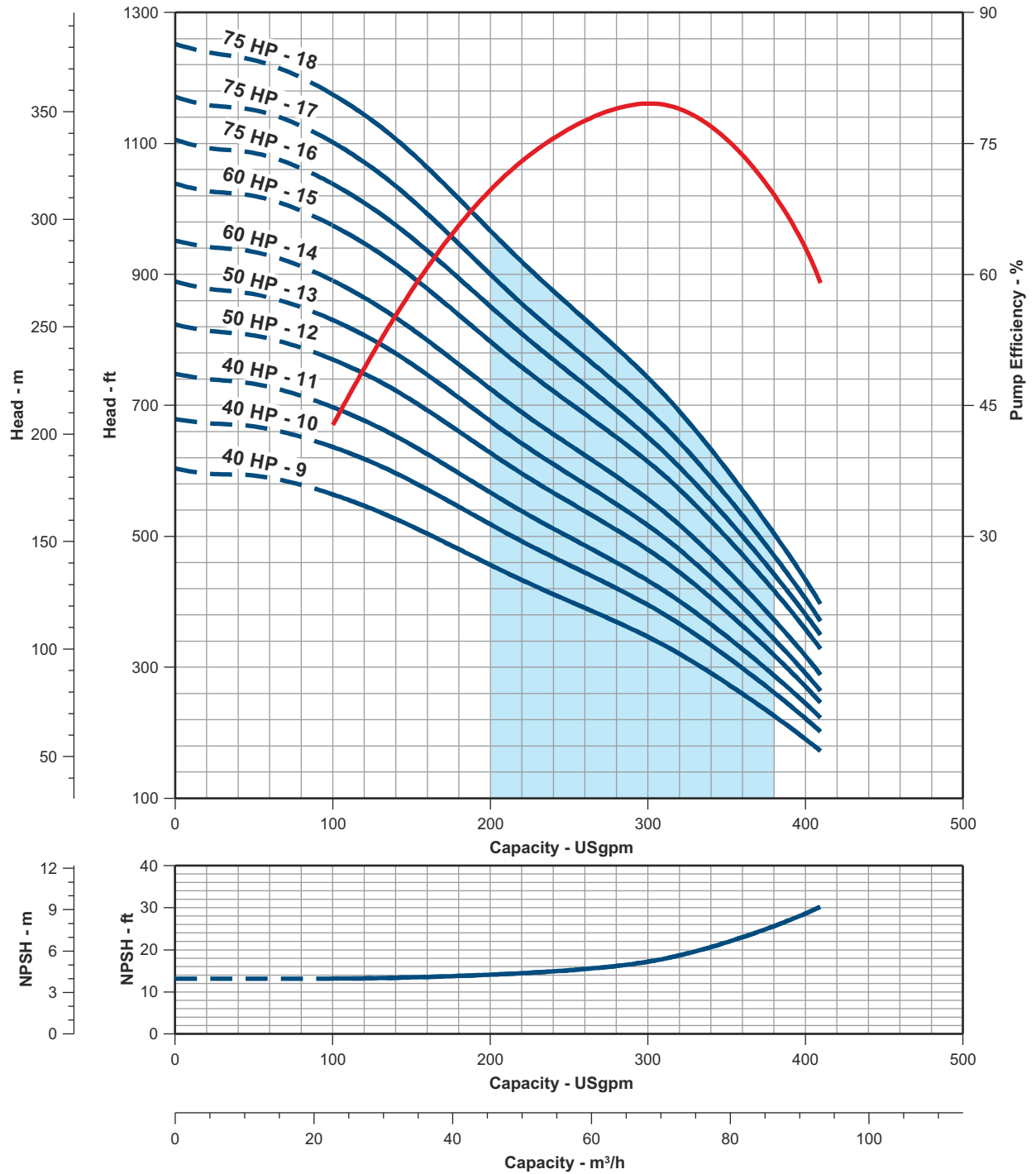
MODEL NAME: NS-A-0300

PERFORMANCE CURVE

300 GPM

Nominal RPM	3450
Curve based on clear water @	68°F

Basic Model	NS-A-0300-09-6-6-E
PEI _{CL} Number	0.95



BEST EFFICIENCY REGION
 RECOMMENDED PUMP OPERATING RANGE
 PERFORMANCE BASED ON TEST ACCEPTANCE - ISO 9906:2012 3B.
 PERFORMANCES ARE SUBJECT TO PERIODIC CHANGES DUE TO CONTINUOUS IMPROVEMENTS.

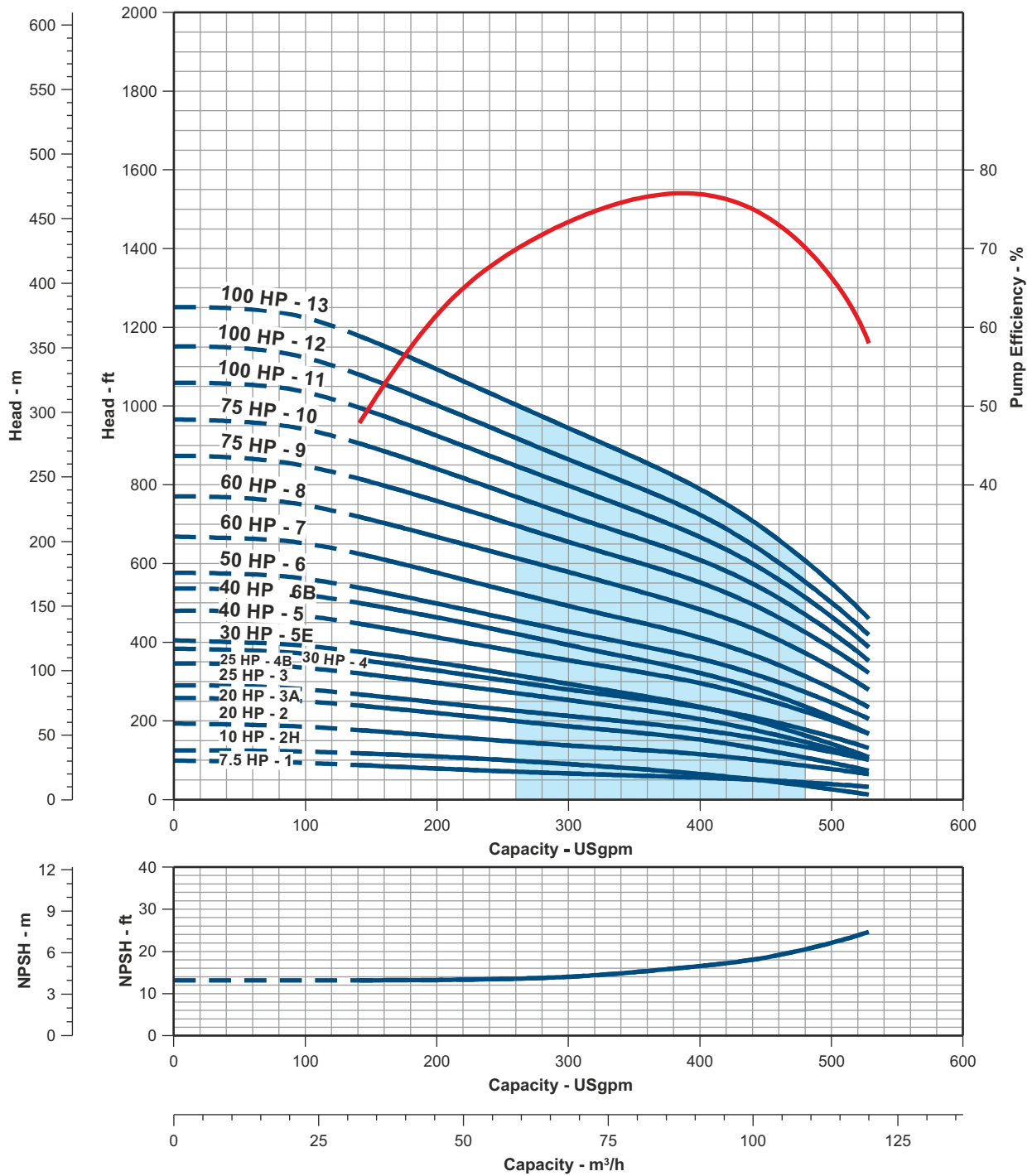
8" STAINLESS STEEL FABRICATED SUBMERSIBLE PUMPS

MODEL NAME: NS-A-0400

PERFORMANCE CURVE

400 GPM

Nominal RPM	3450
Curve based on clear water @	68°F



■ BEST EFFICIENCY REGION
■ RECOMMENDED PUMP OPERATING RANGE
 PERFORMANCE BASED ON TEST ACCEPTANCE - ISO 9906:2012 3B.
 PERFORMANCES ARE SUBJECT TO PERIODIC CHANGES DUE TO CONTINUOUS IMPROVEMENTS.

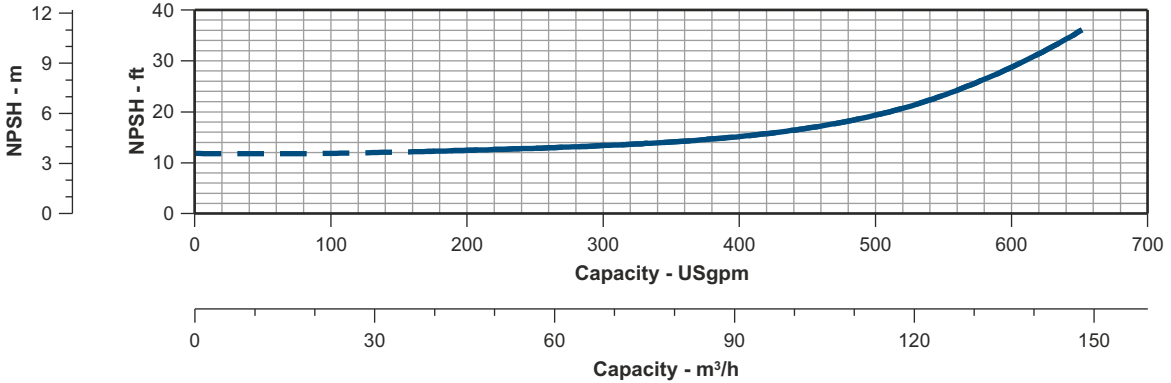
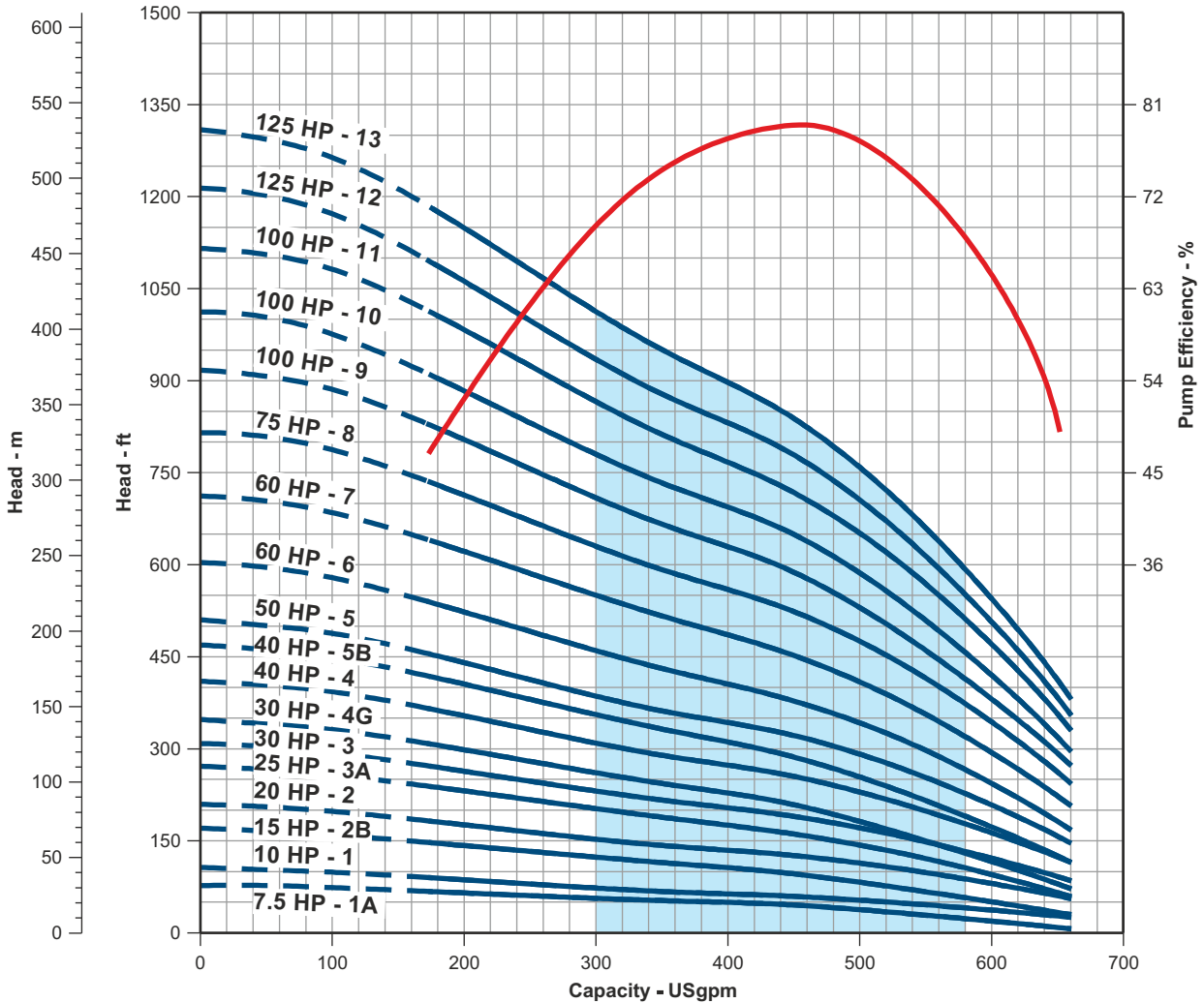
8" STAINLESS STEEL FABRICATED SUBMERSIBLE PUMPS

MODEL NAME: NS-A-0475

PERFORMANCE CURVE

475 GPM

Nominal RPM	3450
Curve based on clear water @	68°F



■ BEST EFFICIENCY REGION
■ RECOMMENDED PUMP OPERATING RANGE
 PERFORMANCE BASED ON TEST ACCEPTANCE - ISO 9906:2012 3B.
 PERFORMANCES ARE SUBJECT TO PERIODIC CHANGES DUE TO CONTINUOUS IMPROVEMENTS.

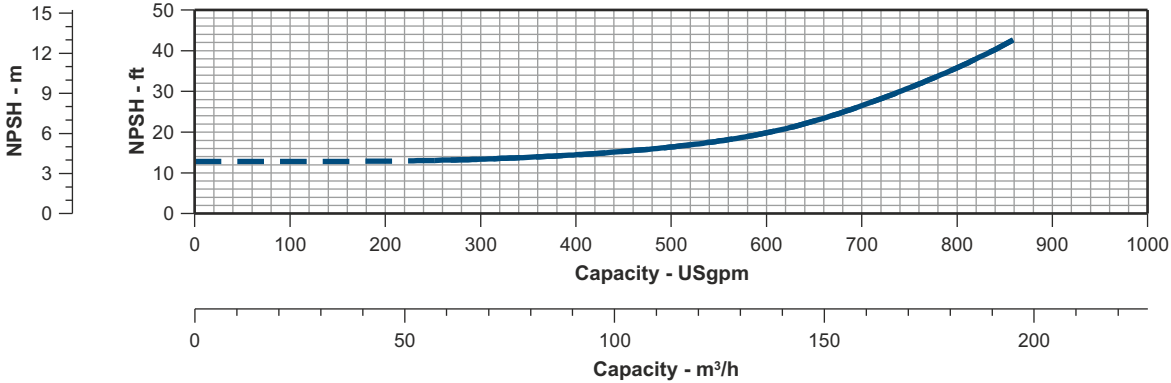
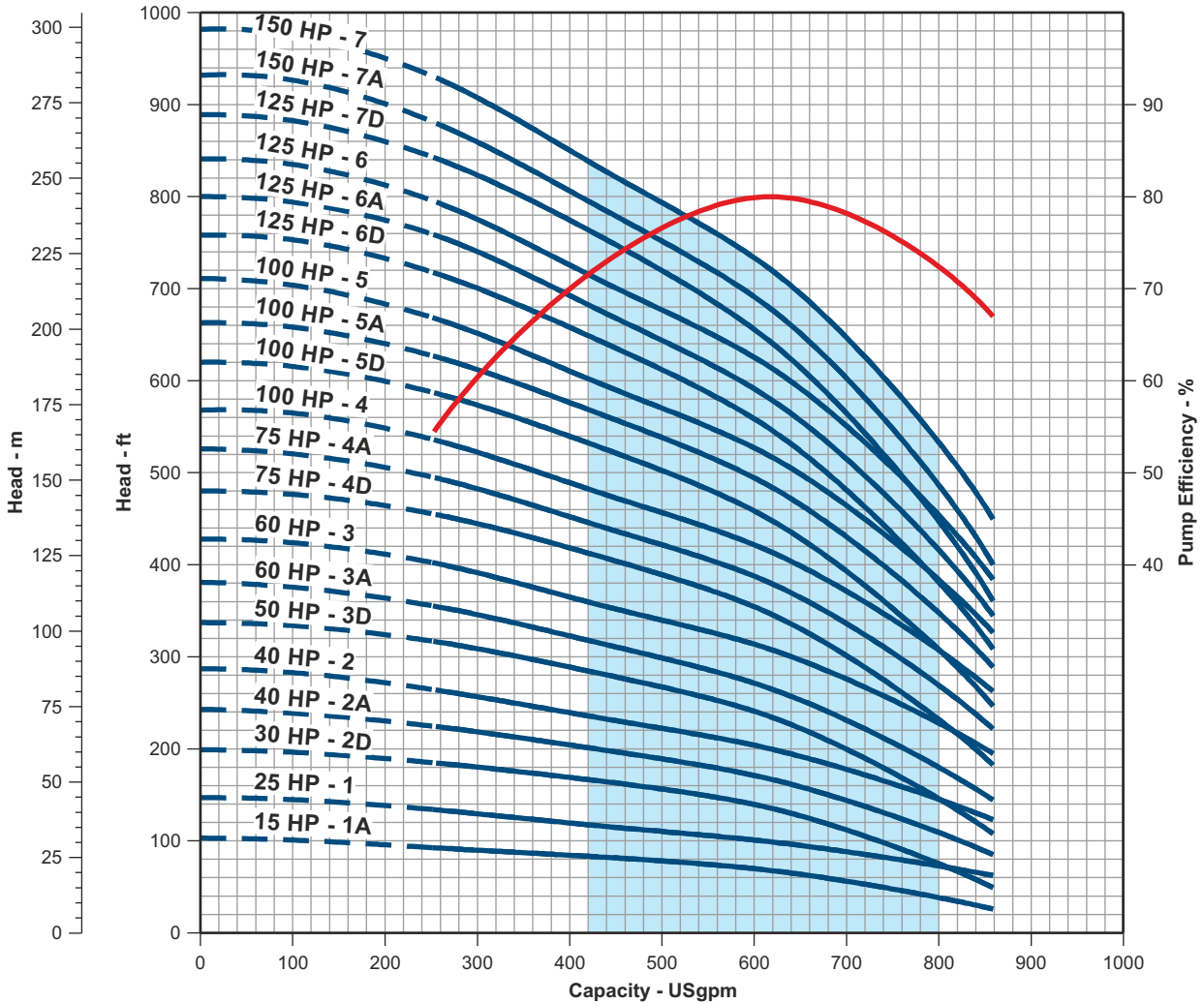
10" STAINLESS STEEL FABRICATED SUBMERSIBLE PUMPS

MODEL NAME: NS-A-0625

PERFORMANCE CURVE

625 GPM

Nominal RPM	3450
Curve based on clear water @	68°F



■ BEST EFFICIENCY REGION
— RECOMMENDED PUMP OPERATING RANGE
 PERFORMANCE BASED ON TEST ACCEPTANCE - ISO 9906:2012 3B.
 PERFORMANCES ARE SUBJECT TO PERIODIC CHANGES DUE TO CONTINUOUS IMPROVEMENTS.

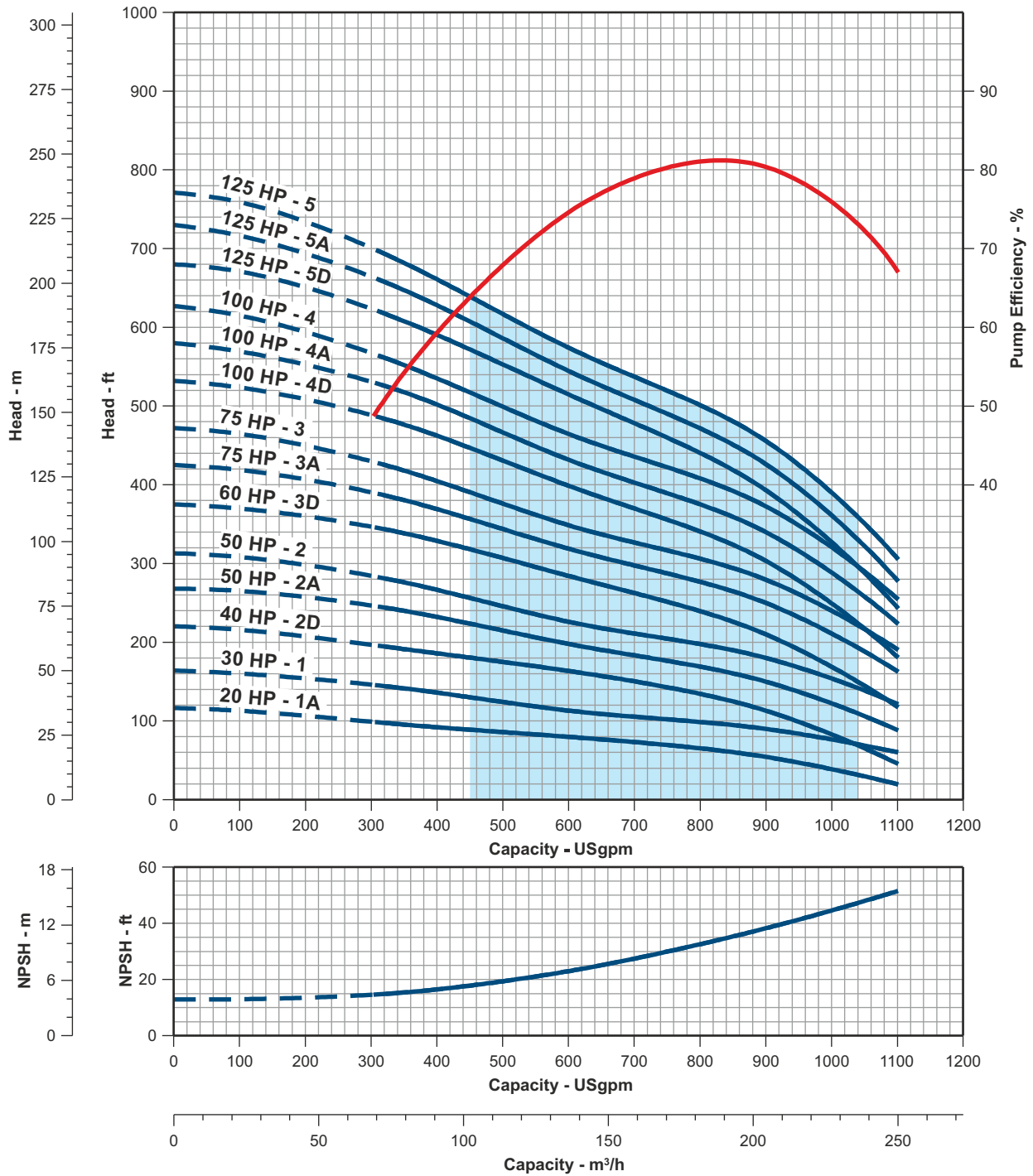
10" STAINLESS STEEL FABRICATED SUBMERSIBLE PUMPS

MODEL NAME: NS-A-0850

PERFORMANCE CURVE

850 GPM

Nominal RPM	3450
Curve based on clear water @	68°F



■ BEST EFFICIENCY REGION
— RECOMMENDED PUMP OPERATING RANGE
 PERFORMANCE BASED ON TEST ACCEPTANCE - ISO 9906:2012 3B.
 PERFORMANCES ARE SUBJECT TO PERIODIC CHANGES DUE TO CONTINUOUS IMPROVEMENTS.

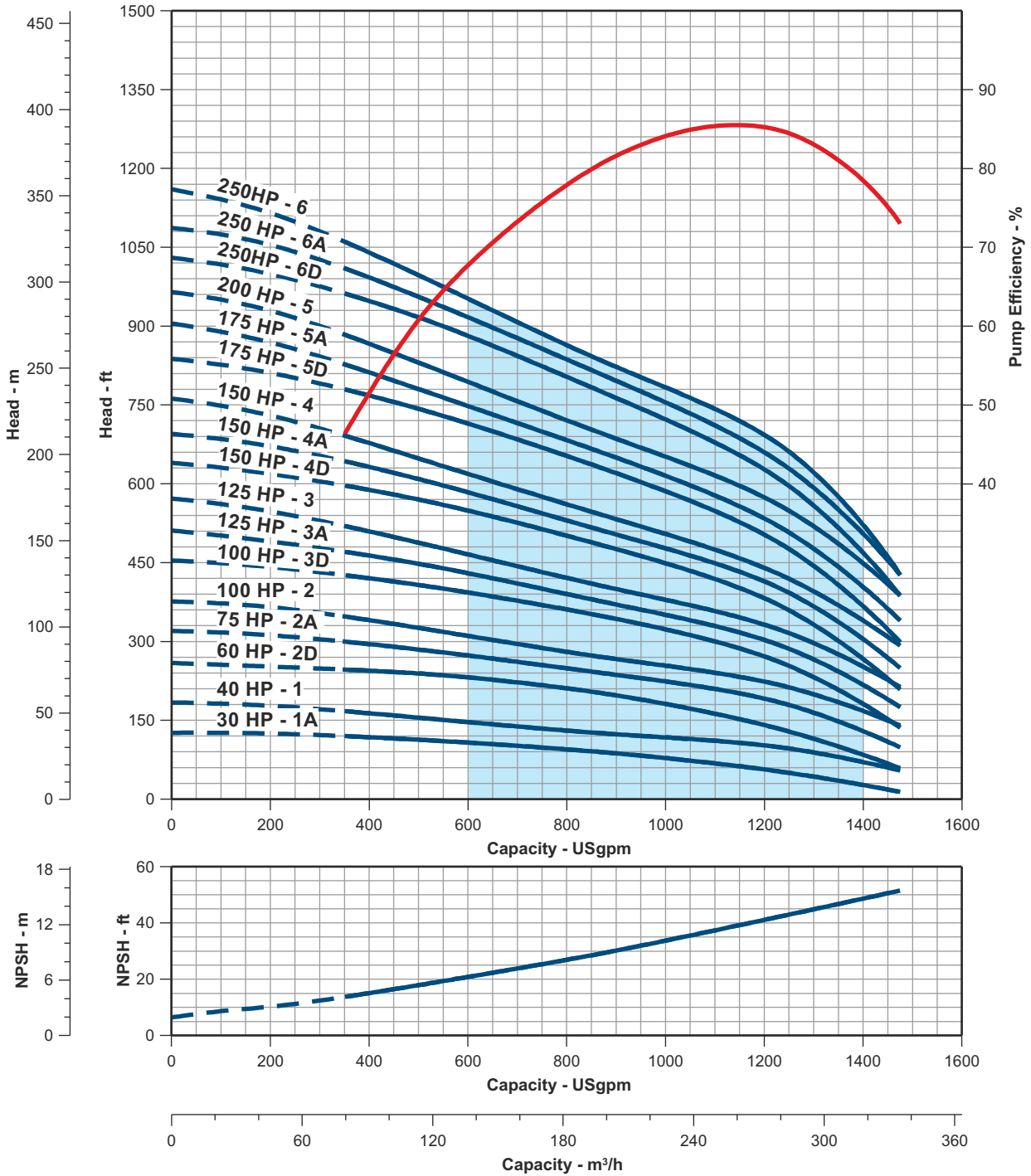
10" STAINLESS STEEL FABRICATED SUBMERSIBLE PUMPS

MODEL NAME: NS-A-1150

PERFORMANCE CURVE

1150 GPM

Nominal RPM	3450
Curve based on clear water @	68°F



■ BEST EFFICIENCY REGION
— RECOMMENDED PUMP OPERATING RANGE
 PERFORMANCE BASED ON TEST ACCEPTANCE - ISO 9906:2012 3B.
 PERFORMANCES ARE SUBJECT TO PERIODIC CHANGES DUE TO CONTINUOUS IMPROVEMENTS.

STAINLESS STEEL FABRICATED SUBMERSIBLE PUMPS

PUMP SIZE: 4", 6", 8", 10"

DIMENSIONS

5 GPM to 1150 GPM

MODEL NAME: NS-A-0005 PUMP SIZE: 4" 5 GPM

HP	STAGES	MOTOR SIZE [inch]	A [inch]	D [inch] Max. diameter across cable guard	L [inch]	WEIGHT [lbs]
1/2	9	4	1¼ NPT	3.98	13.5	9
1/2	13	4	1¼ NPT	3.98	16.9	12
3/4	18	4	1¼ NPT	3.98	21.0	14
1	22	4	1¼ NPT	3.98	24.3	16
1½	26	4	1¼ NPT	3.98	27.6	18
1½	31	4	1¼ NPT	3.98	33.5	21
2	39*	4	1¼ NPT	3.98	40.1	25
3	48*	4	1¼ NPT	3.98	47.6	30

NOTE: * This pump can also be supplied with in-built sleeve construction on request.

MODEL NAME: NS-A-0010 PUMP SIZE: 4" 10 GPM

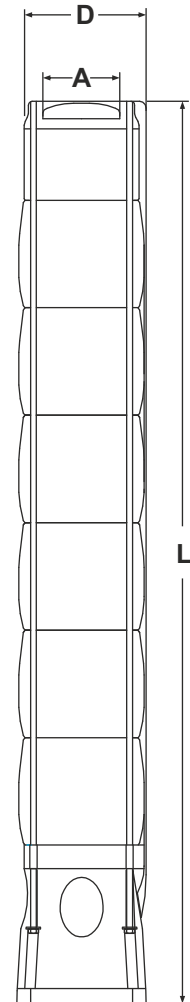
HP	STAGES	MOTOR SIZE [inch]	A [inch]	D [inch] Max. diameter across cable guard	L [inch]	WEIGHT [lbs]
1/2	6	4	1¼ NPT	3.98	11.1	8
1/2	9	4	1¼ NPT	3.98	13.5	9
3/4	12	4	1¼ NPT	3.98	16.0	11
1	15	4	1¼ NPT	3.98	18.5	13
1½	21	4	1¼ NPT	3.98	23.5	16
2	27	4	1¼ NPT	3.98	28.4	19
3	34	4	1¼ NPT	3.98	36.0	22
5	48*	4	1¼ NPT	3.98	47.6	30
5	58*	4	1¼ NPT	3.98	62.9	69

NOTE: * This pump can also be supplied with in-built sleeve construction on request.

MODEL NAME: NS-A-0015 PUMP SIZE: 4" 15 GPM

HP	STAGES	MOTOR SIZE [inch]	A [inch]	D [inch] Max. diameter across cable guard	L [inch]	WEIGHT [lbs]
1/2	5	4	1¼ NPT	3.98	10.2	7
3/4	8	4	1¼ NPT	3.98	12.7	9
1	10	4	1¼ NPT	3.98	14.4	10
1½	14	4	1¼ NPT	3.98	17.7	12
2	18	4	1¼ NPT	3.98	21.0	14
3	24	4	1¼ NPT	3.98	25.9	17
5	38	4	1¼ NPT	3.98	39.3	25
7½	56*	4	1¼ NPT	3.98	68.8	67
7½	56*	6	1¼ NPT	5.59	68.8	67
10	75*	6	1¼ NPT	5.59	84.5	84

NOTE: * This pump can also be supplied with in-built sleeve construction on request.



STAINLESS STEEL FABRICATED SUBMERSIBLE PUMPS

PUMP SIZE: 4", 6", 8", 10"

DIMENSIONS

5 GPM to 1150 GPM

MODEL NAME: NS-A-0025 PUMP SIZE: 4" 25 GPM

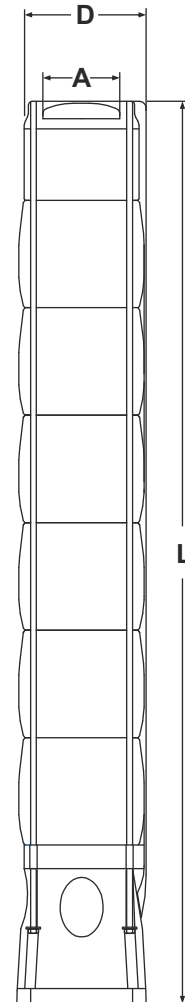
HP	STAGES	MOTOR SIZE [inch]	A [inch]	D [inch] Max. diameter across cable guard	L [inch]	WEIGHT [lbs]
1/2	3	4	1½ NPT	3.98	8.6	6
3/4	5	4	1½ NPT	3.98	10.3	7
1	7	4	1½ NPT	3.98	11.9	8
1½	9	4	1½ NPT	3.98	13.6	9
2	11	4	1½ NPT	3.98	15.2	10
3	15	4	1½ NPT	3.98	18.5	13
5	26	4	1½ NPT	3.98	27.6	18
7½	39*	4	1½ NPT	3.98	42.6	25
7½	39*	6	1½ NPT	5.59	42.6	25
10	52*	6	1½ NPT	5.59	65.5	64

NOTE: * This pump can also be supplied with in-built sleeve construction on request.

MODEL NAME: NS-A-0045 PUMP SIZE: 4" 45 GPM

HP	STAGES	MOTOR SIZE [inch]	A [inch]	D [inch] Max. diameter across cable guard	L [inch]	WEIGHT [lbs]
1	3	4	2 NPT	3.98	12.8	9
1½	4	4	2 NPT	3.98	14.5	10
2	5	4	2 NPT	3.98	16.1	11
3	7	4	2 NPT	3.98	19.4	14
5	9	4	2 NPT	3.98	22.7	16
5	12	4	2 NPT	3.98	27.7	20
7½	15	4	2 NPT	3.98	32.6	24
7½	15	6	2 NPT	5.59	32.6	24
7½	18	4	2 NPT	3.98	37.5	28
7½	18	6	2 NPT	5.59	37.5	28
10	22	6	2 NPT	5.59	44.1	32
10	25	6	2 NPT	5.59	49.2	36
15	28	6	2 NPT	5.59	54.4	38
15	31	6	2 NPT	5.59	58.5	43
15	34	6	2 NPT	5.59	64.7	55
15	37	6	2 NPT	5.59	71.5	57
20	40*	6	2 NPT	5.59	78.4	59
20	43*	6	2 NPT	5.59	82.0	66
20	47*	6	2 NPT	5.59	88.9	69
20	51*	6	2 NPT	5.59	107.3	187

NOTE: * This pump can also be supplied with in-built sleeve construction on request.



STAINLESS STEEL FABRICATED SUBMERSIBLE PUMPS

PUMP SIZE: 4", 6", 8", 10"

DIMENSIONS

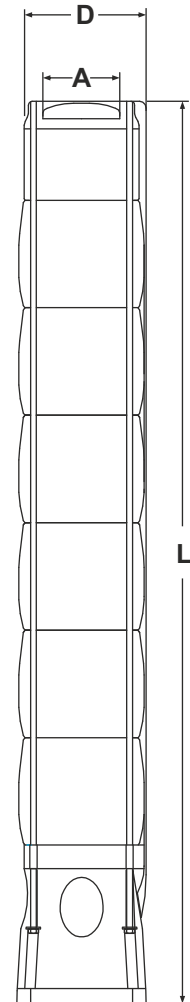
5 GPM to 1150 GPM

MODEL NAME: NS-A-0060

PUMP SIZE: 4"

60 GPM

HP	STAGES	MOTOR SIZE [inch]	A [inch]	D [inch] Max. diameter across cable guard	L [inch]	WEIGHT [lbs]
1/2	1	4	2 NPT	3.98	9.6	6
1	2	4	2 NPT	3.98	12.3	8
1½	3	4	2 NPT	3.98	14.9	10
2	4	4	2 NPT	3.98	17.5	12
3	5	4	2 NPT	3.98	20.1	14
5	7	4	2 NPT	3.98	25.2	17
5	9	4	2 NPT	3.98	30.9	21
7½	11	4	2 NPT	3.98	35.2	24
7½	11	6	2 NPT	5.59	35.2	24
7½	13	4	2 NPT	3.98	40.3	28
7½	13	6	2 NPT	5.59	40.3	28
10	16	6	2 NPT	5.59	47.1	33
10	18	6	2 NPT	5.59	55.6	37



STAINLESS STEEL FABRICATED SUBMERSIBLE PUMPS

PUMP SIZE: 4", 6", 8", 10"

DIMENSIONS

5 GPM to 1150 GPM

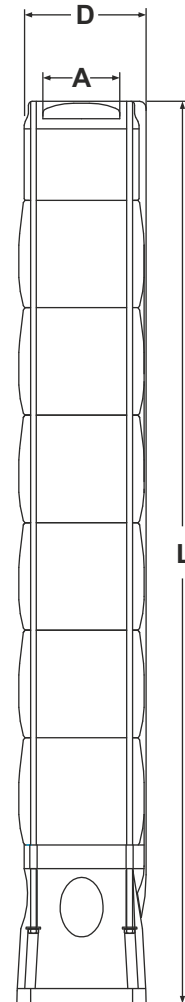
MODEL NAME: NS-A-0080

PUMP SIZE: 6"

80 GPM

HP	STAGES	MOTOR SIZE [inch]	A [inch]	D [inch] Max. diameter across cable guard	L [inch]	WEIGHT [lbs]
1½	1	4	3 NPT	5.16	12.3	18
3	2	4	3 NPT	5.16	14.4	21
5	3	4	3 NPT	5.16	16.6	24
5	4	4	3 NPT	5.16	18.8	26
7½	5	4	3 NPT	5.16	20.9	29
7½	5	6	3 NPT	5.59	20.9	30
7½	6	4	3 NPT	5.16	23.1	32
7½	6	6	3 NPT	5.59	23.1	33
10	7	6	3 NPT	5.59	25.3	35
10	8	6	3 NPT	5.59	27.4	38
10	9	6	3 NPT	5.59	29.6	41
15	10	6	3 NPT	5.59	32.4	44
15	11	6	3 NPT	5.59	34.4	47
15	12	6	3 NPT	5.59	36.7	51
15	13	6	3 NPT	5.59	38.9	54
20	14	6	3 NPT	5.59	41.1	57
20	15	6	3 NPT	5.59	43.2	60
20	16	6	3 NPT	5.59	45.4	63
20	17	6	3 NPT	5.59	47.6	65
20	18	6	3 NPT	5.59	49.7	68
25	19	6	3 NPT	5.59	51.9	71
25	20	6	3 NPT	5.59	54.9	74
25	21	6	3 NPT	5.59	56.2	78
25	22	6	3 NPT	5.59	58.4	81
30	23	6	3 NPT	5.59	60.6	84
30	24	6	3 NPT	5.59	62.7	87
30	25	6	3 NPT	5.59	64.7	90
30	26	6	3 NPT	5.59	67	92
40	27	6	3 NPT	5.59	69.2	95
40	28	6	3 NPT	5.59	71.4	99
40	29	6	3 NPT	5.59	73.5	102
40	30	6	3 NPT	5.59	75.7	105
40	33*	6	3 NPT	5.59	82.2	244
40	36*	6	3 NPT	5.59	88.7	280
50	39*	6	3 NPT	5.59	95.2	286

NOTE: * This pump can also be supplied with in-built sleeve construction on request.



STAINLESS STEEL FABRICATED SUBMERSIBLE PUMPS

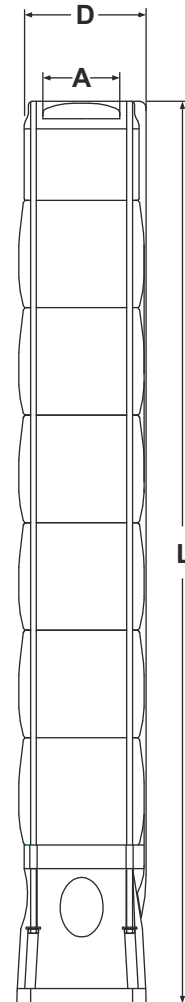
PUMP SIZE: 4", 6", 8", 10"

DIMENSIONS

5 GPM to 1150 GPM

MODEL NAME: NS-A-0150 PUMP SIZE: 6" 150 GPM

HP	STAGES	MOTOR SIZE [inch]	A [inch]	D [inch] Max. diameter across cable guard	L [inch]	WEIGHT [lbs]
2	1	4	3 NPT	5.16	13.7	19
5	2	4	3 NPT	5.16	17.5	23
7½	3	4	3 NPT	5.16	21.3	27
7½	3	6	3 NPT	5.59	21.3	28
7½	4	4	3 NPT	5.16	25.1	31
7½	4	6	3 NPT	5.59	25.1	32
10	5	6	3 NPT	5.59	28.9	35
15	6	6	3 NPT	5.59	33.3	40
15	7	6	3 NPT	5.59	37	44
15	8	6	3 NPT	5.59	40.8	49
20	9	6	3 NPT	5.59	44.6	53
20	10	6	3 NPT	5.59	48.4	57
20	11	6	3 NPT	5.59	52.2	61
25	12	6	3 NPT	5.59	55.9	65
25	13	6	3 NPT	5.59	59.7	70
25	14	6	3 NPT	5.59	63.5	74
30	15	6	3 NPT	5.59	67.3	78
30	16	6	3 NPT	5.59	71.1	82
30	17	6	3 NPT	5.59	74.8	86
40	18	6	3 NPT	5.59	78.6	92
40	19	6	3 NPT	5.59	82.4	96
40	20	6	3 NPT	5.59	86.2	100
40	21	6	3 NPT	5.59	90	104
40	22	6	3 NPT	5.59	93.7	108
40	23	6	3 NPT	5.59	97.5	113
50	24	6	3 NPT	5.59	104.4	117
50	25	6	3 NPT	5.59	108.2	121
50	26	6	3 NPT	5.59	112	125
50	27	6	3 NPT	5.59	115.8	129
50	28	6	3 NPT	5.59	119.6	133
60	29*	6	3 NPT	6.89	129.9	300
60	29*	8	3 NPT	7.48	129.9	305
60	31*	6	3 NPT	6.89	137.5	321
60	31*	8	3 NPT	7.48	137.5	325
60	33*	6	3 NPT	6.89	145	341
60	33*	8	3 NPT	7.48	145	345
75	36*	8	3 NPT	7.48	154	366
75	39*	8	3 NPT	7.48	165	391



NOTE: * This pump can also be supplied with in-built sleeve construction on request.

STAINLESS STEEL FABRICATED SUBMERSIBLE PUMPS

PUMP SIZE: 4", 6", 8", 10"

DIMENSIONS

5 GPM to 1150 GPM

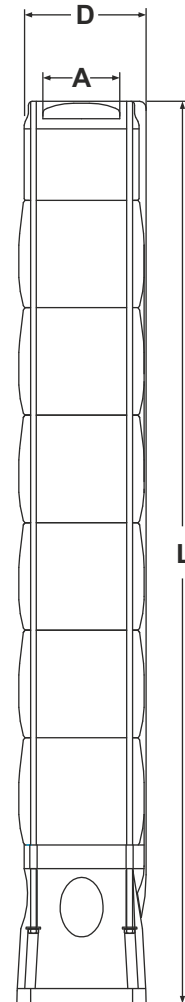
MODEL NAME: NS-A-0230

PUMP SIZE: 6"

230 GPM

HP	STAGES	MOTOR SIZE [inch]	A [inch]	D [inch] Max. diameter across cable guard	L [inch]	WEIGHT [lbs]
2	1B	4	3 NPT	5.75	14.60	20
3	1A	4	3 NPT	5.75	14.60	20
5	1	4	3 NPT	5.75	14.60	20
5	2G	4	3 NPT	5.75	18.90	25
7½	2	4	3 NPT	5.75	18.90	25
7½	2	6	3 NPT	5.83	18.90	27
7½	3E	4	3 NPT	5.75	23.90	30
7½	3E	6	3 NPT	5.83	23.90	32
10	3	6	3 NPT	5.83	23.90	30
10	4F	6	3 NPT	5.83	28.40	35
15	4	6	3 NPT	5.83	28.40	35
15	5B	6	3 NPT	5.83	32.80	41
20	5	6	3 NPT	5.83	32.80	41
20	6	6	3 NPT	5.83	37.30	47
20	7C	6	3 NPT	5.83	41.70	53
25	7	6	3 NPT	5.83	41.7	53
25	8B	6	3 NPT	5.83	46.2	58
25	8	6	3 NPT	5.83	46.2	58
25	9E	6	3 NPT	5.83	50.6	64
30	9	6	3 NPT	5.83	50.6	64
40	10	6	3 NPT	5.83	55.1	69
40	11	6	3 NPT	5.83	59.5	74
40	12	6	3 NPT	5.83	64	81
40	13	6	3 NPT	5.83	68	86
50	14	6	3 NPT	5.83	72.9	91
50	15	6	3 NPT	5.83	77.3	98
50	16	6	3 NPT	5.83	81.8	103
60	17	6	3 NPT	5.83	91.8	108
60	17	8	3 NPT	7.48	91.8	110
60	18	6	3 NPT	5.83	96.3	114
60	18	8	3 NPT	7.48	96.3	116
60	19	6	3 NPT	5.83	97.4	119
60	19	8	3 NPT	7.48	97.4	121
75	20*	8	3 NPT	7.48	107.3	274
75	22*	8	3 NPT	7.48	116.2	305

NOTE: * This pump can also be supplied with in-built sleeve construction on request.



STAINLESS STEEL FABRICATED SUBMERSIBLE PUMPS

PUMP SIZE: 4", 6", 8", 10"

DIMENSIONS

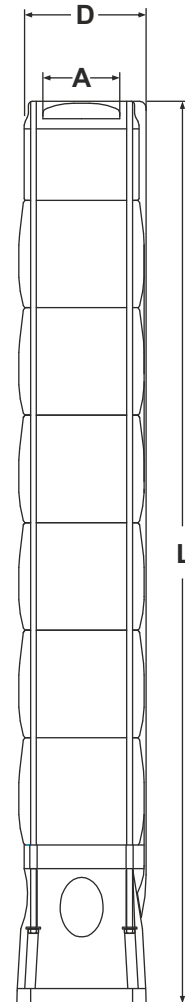
5 GPM to 1150 GPM

MODEL NAME: NS-A-0300

PUMP SIZE: 6"

300 GPM

HP	STAGES	MOTOR SIZE [inch]	A [inch]	D [inch] Max. diameter across cable guard	L [inch]	WEIGHT [lbs]
3	1B	4	3 NPT	5.75	14.5	20
5	1	4	3 NPT	5.75	14.5	20
5	2E	4	3 NPT	5.75	19.5	25
7½	2	4	3 NPT	5.75	19.5	25
7½	2	6	3 NPT	5.83	19.5	27
10	3A	6	3 NPT	5.83	23.9	30
15	3	6	3 NPT	5.83	23.9	30
15	4D	6	3 NPT	5.83	28.4	35
15	4	6	3 NPT	5.83	28.4	35
20	5D	6	3 NPT	5.83	32.8	41
20	5	6	3 NPT	5.83	32.8	41
20	6B	6	3 NPT	5.83	37.3	47
25	6	6	3 NPT	5.83	37.3	47
25	7	6	3 NPT	5.83	41.7	53
30	8	6	3 NPT	5.83	46.2	58
30	9B	6	3 NPT	5.83	50.6	64
40	9	6	3 NPT	5.83	50.6	64
40	10	6	3 NPT	5.83	55.1	69
40	11	6	3 NPT	5.83	59.5	74
50	12	6	3 NPT	5.83	63.9	81
50	13	6	3 NPT	5.83	68.4	86
60	14	6	3 NPT	5.83	74	91
60	14	8	3 NPT	7.48	74	93
60	15	6	3 NPT	5.83	77.5	98
60	15	8	3 NPT	7.48	77.5	100
75	16	8	3 NPT	7.48	82.9	165
75	17	8	3 NPT	7.48	88.4	174
75	18	8	3 NPT	7.48	91.8	183



STAINLESS STEEL FABRICATED SUBMERSIBLE PUMPS

PUMP SIZE: 4", 6", 8", 10"

DIMENSIONS

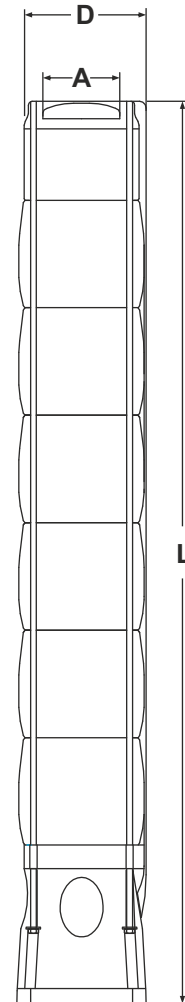
5 GPM to 1150 GPM

MODEL NAME: NS-A-0400

PUMP SIZE: 8"

400 GPM

HP	STAGES	MOTOR SIZE [inch]	A [inch]	D [inch] Max. diameter across cable guard	L [inch]	WEIGHT [lbs]
7½	1	6	4 NPT	7.01	24.4	52
10	2H	6	4 NPT	7.01	39.4	61
20	2	6	4 NPT	7.01	39.4	61
20	3A	6	4 NPT	7.01	34.4	70
25	3	6	4 NPT	7.01	34.4	70
25	4B	6	4 NPT	7.01	39.5	78
30	4	6	4 NPT	7.01	39.5	78
30	5E	6	4 NPT	7.01	44.5	87
40	5	6	4 NPT	7.01	44.5	87
40	6B	6	4 NPT	7.01	49.5	96
50	6	6	4 NPT	7.01	49.5	96
60	7	6	4 NPT	7.01	55.2	105
60	8	6	4 NPT	7.01	60.2	113
75	9	8	4 NPT	7.87	65.3	122
75	10	8	4 NPT	7.87	70.3	131
100	11	8	4 NPT	7.87	75.4	175
100	12	8	4 NPT	7.87	80.3	188
100	13	8	4 NPT	7.87	85.4	202



STAINLESS STEEL FABRICATED SUBMERSIBLE PUMPS

PUMP SIZE: 4", 6", 8", 10"

DIMENSIONS

5 GPM to 1150 GPM

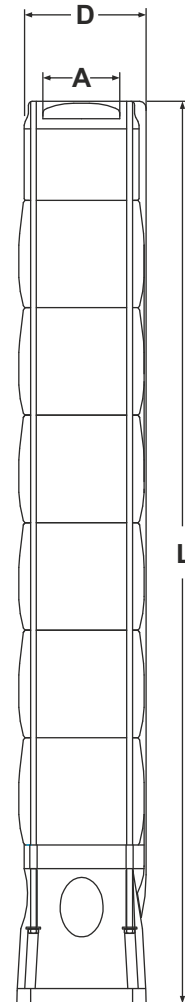
MODEL NAME: NS-A-0475

PUMP SIZE: 8"

475 GPM

HP	STAGES	MOTOR SIZE [inch]	A** [inch]	D [inch] Max. diameter across cable guard	L [inch]	WEIGHT [lbs]
7½	1A	6	5 NPT	7.01	24.3	52
10	1	6	5 NPT	7.01	24.3	52
15	2B	6	5 NPT	7.01	29.4	61
20	2	6	5 NPT	7.01	29.4	61
25	3A	6	5 NPT	7.01	34.4	70
30	3	6	5 NPT	7.01	34.4	70
30	4G	6	5 NPT	7.01	39.5	78
40	4	6	5 NPT	7.01	39.5	78
40	5B	6	5 NPT	7.01	44.5	87
50	5	6	5 NPT	7.01	44.5	87
60	6	6	5 NPT	7.01	50.1	96
60	7	6	5 NPT	7.01	55.2	105
75	8	8	5 NPT	7.87	60.2	113
100	9	8	5 NPT	7.87	65.2	122
100	10	8	5 NPT	7.87	70.3	131
100	11	8	5 NPT	7.87	75.4	175
125	12	8	5 NPT	7.87	80.4	188
125	13	8	5 NPT	7.87	85.5	202

NOTE: ** Pumps are also available with 6 inch NPT.



STAINLESS STEEL FABRICATED SUBMERSIBLE PUMPS

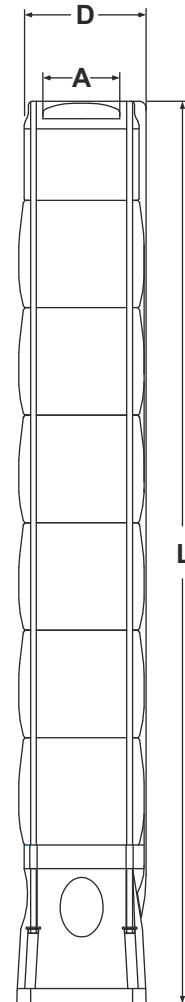
PUMP SIZE: 4", 6", 8", 10"

DIMENSIONS

5 GPM to 1150 GPM

MODEL NAME: NS-A-0625 PUMP SIZE: 10" 625 GPM

HP	STAGES	MOTOR SIZE [inch]	A [inch]	D [inch] Max. diameter across cable guard	L [inch]	WEIGHT [lbs]
15	1A	6	6 NPT	8.31	25.6	76
25	1	6	6 NPT	8.31	25.6	76
30	2D	6	6 NPT	8.31	31.8	91
40	2A	6	6 NPT	8.31	31.8	91
40	2	6	6 NPT	8.31	31.8	91
50	3D	6	6 NPT	8.31	37.9	105
60	3A	6	6 NPT	8.31	37.9	105
60	3	6	6 NPT	8.31	37.9	105
75	4D	8	6 NPT	8.39	44	119
75	4A	8	6 NPT	8.39	44	119
100	4	8	6 NPT	8.39	44	119
100	5D	8	6 NPT	8.39	50.1	134
100	5A	8	6 NPT	8.39	50.1	134
100	5	8	6 NPT	8.39	50.1	134
125	6D	8	6 NPT	8.39	56.2	180
125	6A	8	6 NPT	8.39	56.2	180
125	6	8	6 NPT	8.39	56.2	180
125	7D	8	6 NPT	8.39	62.4	197
150	7A	8	6 NPT	8.39	62.4	197
150	7	8	6 NPT	8.39	62.4	197



STAINLESS STEEL FABRICATED SUBMERSIBLE PUMPS

PUMP SIZE: 4", 6", 8", 10"

DIMENSIONS

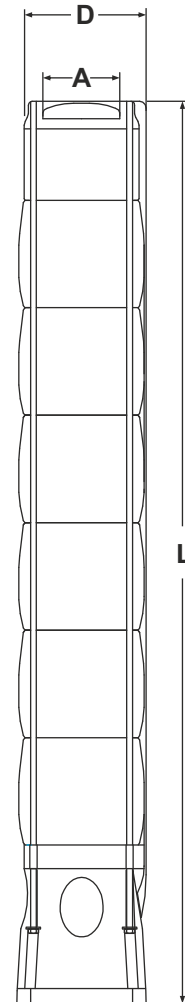
5 GPM to 1150 GPM

MODEL NAME: NS-A-0850 PUMP SIZE: 10" 850 GPM

HP	STAGES	MOTOR SIZE [inch]	A [inch]	D [inch] Max. diameter across cable guard	L [inch]	WEIGHT [lbs]
20	1A	6	6 NPT	8.39	25.6	76
30	1	6	6 NPT	8.39	25.6	76
40	2D	6	6 NPT	8.39	31.8	91
50	2A	6	6 NPT	8.39	31.8	91
50	2	6	6 NPT	8.39	31.8	91
60	3D	6	6 NPT	8.39	37.9	105
75	3A	8	6 NPT	8.39	37.9	105
75	3	8	6 NPT	8.39	37.9	105
100	4D	8	6 NPT	8.39	44	119
100	4A	8	6 NPT	8.39	44	119
100	4	8	6 NPT	8.39	44	119
125	5D	8	6 NPT	8.39	50.1	134
125	5A	8	6 NPT	8.39	50.1	134
125	5	8	6 NPT	8.39	50.1	134

MODEL NAME: NS-A-1150 PUMP SIZE: 10" 1150 GPM

HP	STAGES	MOTOR SIZE [inch]	A [inch]	D [inch] Max. diameter across cable guard	L [inch]	WEIGHT [lbs]
30	1A	6	6 NPT	9.29	31.1	108
40	1	6	6 NPT	9.29	31.1	108
60	2D	6	6 NPT	9.29	38.2	132
75	2A	8	6 NPT	9.41	38.2	132
100	2	8	6 NPT	9.41	38.2	132
100	3D	8	6 NPT	9.41	45.1	190
125	3A	8	6 NPT	9.41	45.1	190
125	3	8	6 NPT	9.41	51.9	190
150	4D	8	6 NPT	9.41	51.9	216
150	4A	8	6 NPT	9.41	51.9	216
150	4	8	6 NPT	9.41	51.9	216
175	5D	10	6 NPT	9.84	58.8	243
175	5A	10	6 NPT	9.84	58.8	243
200	5	10	6 NPT	9.84	58.8	243
250	6D	10	6 NPT	9.84	65.7	270
250	6A	10	6 NPT	9.84	65.7	270
250	6	10	6 NPT	9.84	65.7	270



Limited Warranty for Deep Well Submersible Products

Northam Inc. offers limited Warranty on its Deep Well Submersible Products to be free from any defects in material or workmanship under normal intended use for the period as shown below.

Our Warranty shall not apply to any product that has been;

1. Subjected to misuse or misapplication.
2. Altered or modified without authorization from Northam Inc. or failure to use Northam Original Replacement Parts.
3. Improperly installed or installed with improper controls and protection against power irregularities.
4. Subjected to Dry Run or full Flow Shut Off condition.
5. Operated in liquids other than Potable Water.
6. Operated in liquid temperature higher than 86 degrees Fahrenheit.
7. Pumps which are clogged with mud, sand, gravel or any other foreign material.
8. Damaged due to accidental damage, fire, acts of God, or any other circumstances outside the control of Northam.
9. Repaired by persons who are not authorized by Northam.

This warranty does not cover normal wear and tear of products or parts thereof. It also does not cover change in performance of products due to normal wear and tear.

Northam Inc. shall not be responsible for removing or reinstallation of the products covered under this warranty nor shall be responsible for any charges associated with removal and reinstallation.

Northam Inc.'s obligation under this Warranty is limited to either repair or replace the product at Northam's sole discretion for any product found to Northam's reasonable satisfaction to have been found defective upon examination by Northam. The product shall have to be returned to Northam Inc.'s Clarks Summit facility or any other place that Northam Inc. shall designate within 30 days of failure for evaluation.

Northam is not responsible under this warranty for any cost of shipping or transportation of the product or parts thereof to or from Northam facility or any other place that Northam shall designate for product to be sent for evaluation or repairs.

This warranty is applicable only if the product is received by Northam Inc. without any damage during shipment back to Northam Inc. It does not cover products that are lost or cannot be returned to Northam Inc.

Northam Inc. does not warrant any parts or products that were not manufactured by them. Northam shall extend the warranty provided by the manufacturer of such parts or products under such circumstances.

Northam Inc. shall not cover drop cables, lead wires, control boxes or any accessories under Warranty.

This Warranty applies to products sold only in USA.

Northam Inc. shall not be liable for any consequential, incidental, or contingent damages or loss to persons or property whatsoever. The foregoing warranties are exclusive and in lieu of any written or implied warranties including but not limited to the implied warranties of merchantability or fitness for a particular purpose covering any product manufactured by Northam Inc. Some states do not allow the exclusion or limitation of incidental or consequential damages so the above may not apply to you. Also some states do not allow a limitation on how long an implied warranty will last so the above limitation may not apply to you and during the period of this limited warranty any implied warranties of merchantability or fitness for particular purpose may not be excluded.

Limited Warranty Period for Deep well Submersible Products

4", 6", 8", 10 " Submersible Pumps or Motors or Complete Units.

Northam shall offer Limited warranty of above mentioned products for a period of 12 months from the date of installation or 18 months from the date of dispatch from Northam Inc. whichever comes first. The warranty shall cover only mechanical defects in material and workmanship.

Warranty Service

For products purchased directly from Northam kindly e mail to service@northam-inc.com with the following information. For Northam products purchased from our Authorised Dealers/Distributors kindly contact them directly with the following information.

1. Invoice number.
2. Date of purchase.
3. Product Type or Model number available on the name plate.
4. Product Serial number from the nameplate
5. Description of Defect with the product.
6. Your contact telephone number and address.

Once Northam will receive the above information, they shall promptly provide by return email a "Return Authorisation Form" and address to which the product shall be shipped by customer for evaluation of manufacturing defect by Northam. The customer shall then ship the product, freight prepaid to the address indicated, together with a Return Authorisation Form obtained from Northam. Unauthorised Returns and products sent without prepaid freight will not be accepted by Northam.

Once Product is received at Northam it shall be evaluated by Technical Service at Northam for any manufacturing defect and the customer shall be notified of the final outcome and any corrections that Northam shall be initiating if a manufacturing defect is found. Once a repaired or replacement product is ready it shall be shipped to the customer with freight charges to be paid by the customer.



Northam Inc.

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Product Improvement and changes are a continuous process at 'Northam'. The data given in this publication is therefore subject to revision.