

NS-A SERIES



STAINLESS STEEL FABRICATED SUBMERSIBLE PUMPS



60Hz

2" NPT

PRODUCT CATALOGUE

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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

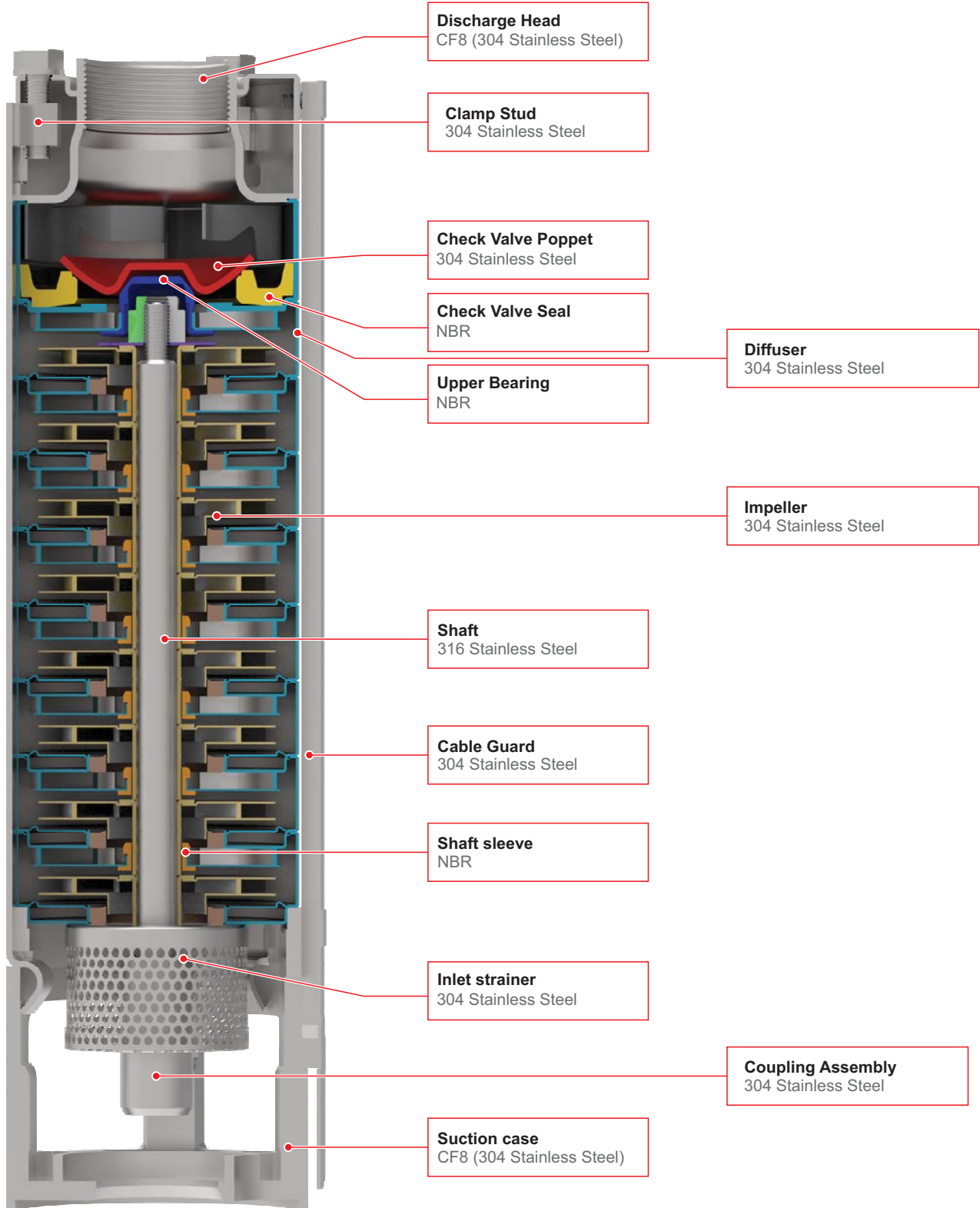
	4" Pump	6" Pump	8" Pump	10" Pump
Flow ratings	5, 10, 15, 25, 45 & 60 GPM	80, 150, 230 & 300 GPM	400 & 475 GPM	625, 850 & 1150 GPM
Maximum head	1400 feet	1700 feet	1200 feet	1100 feet
Pump ratings	0.5 - 20 hp	5 - 60 hp	15 - 125 hp	40 - 250 hp
Liquid temperature	113 °F	113 °F	113 °F	113 °F
Max. sand content	50 ppm	50 ppm	50 ppm	50 ppm

STAINLESS STEEL FABRICATED SUBMERSIBLE PUMPS

PUMP SIZE: 4"

MATERIAL OF CONSTRUCTION

5 GPM to 25 GPM

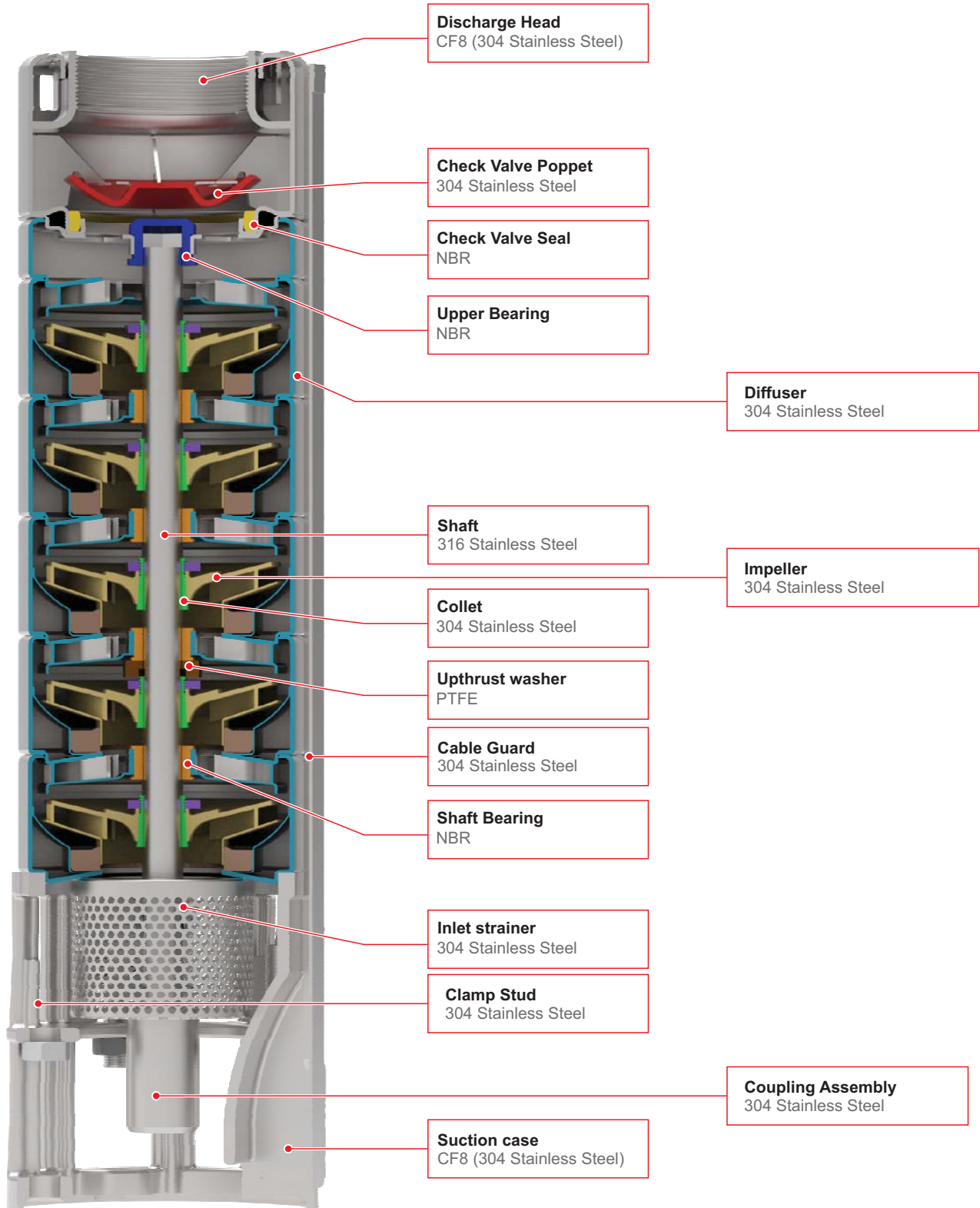


STAINLESS STEEL FABRICATED SUBMERSIBLE PUMPS

PUMP SIZE: 4"

MATERIAL OF CONSTRUCTION

45 GPM to 60 GPM

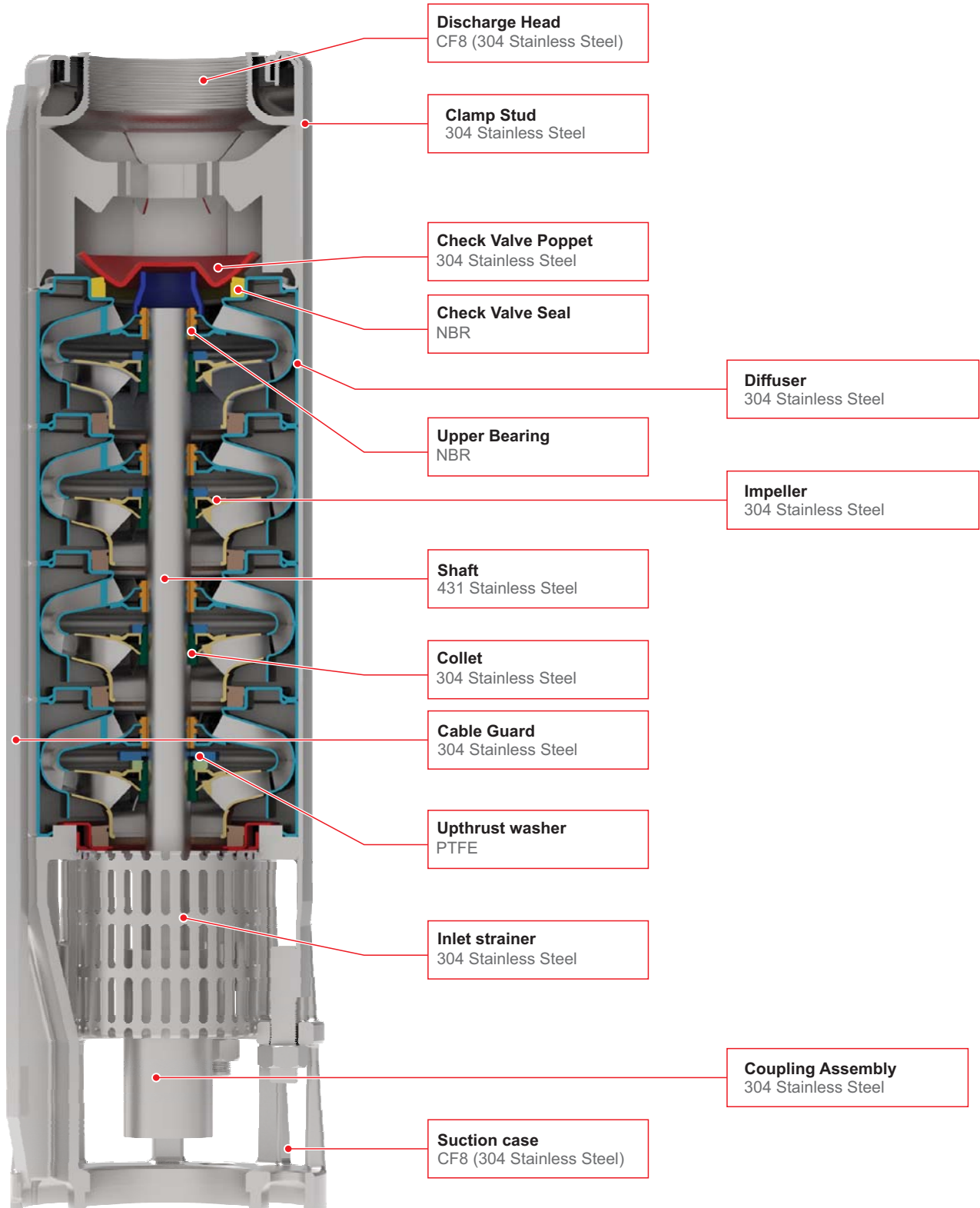


STAINLESS STEEL FABRICATED SUBMERSIBLE PUMPS

PUMP SIZE: 6"

MATERIAL OF CONSTRUCTION

80 GPM to 150 GPM

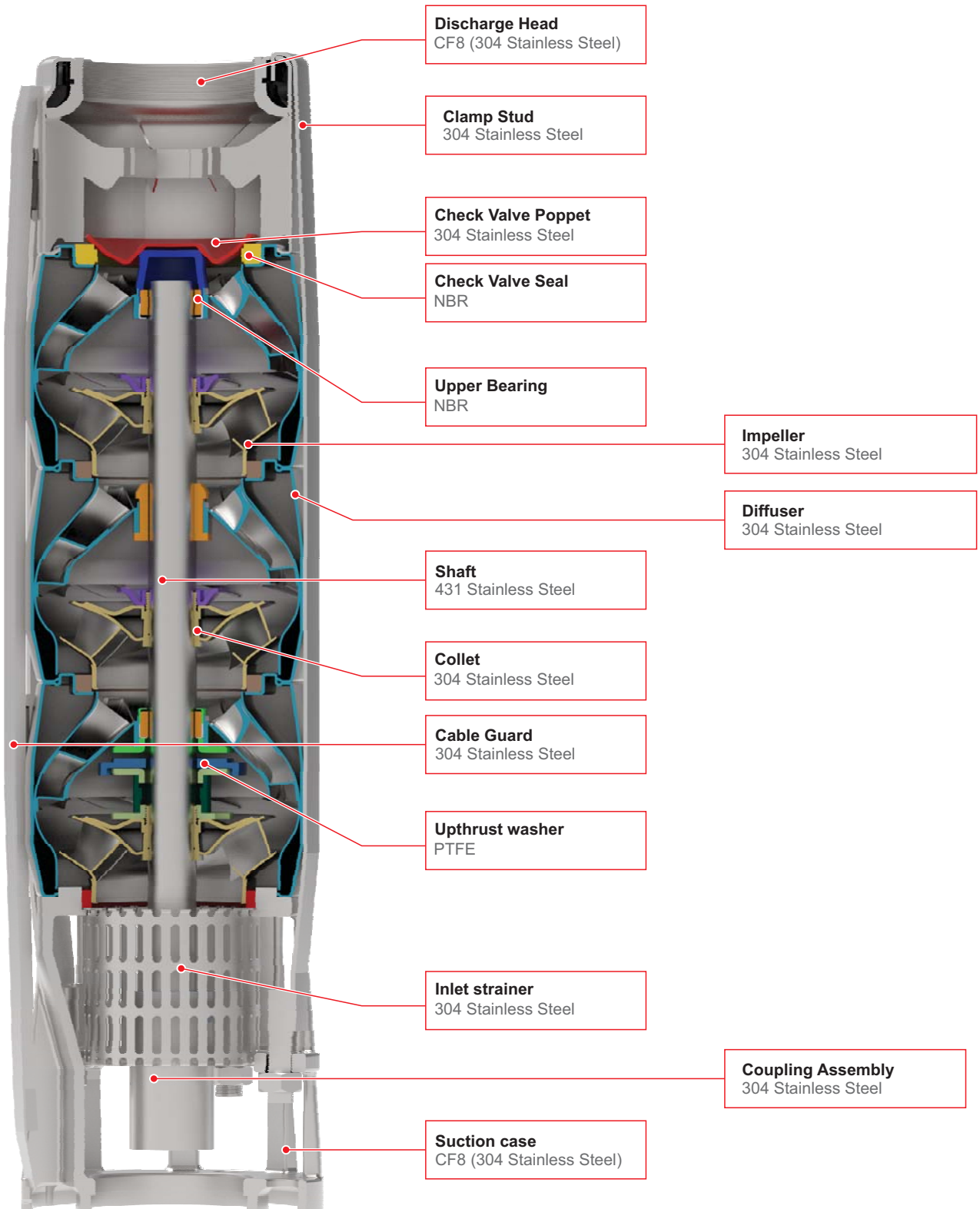


STAINLESS STEEL FABRICATED SUBMERSIBLE PUMPS

PUMP SIZE: 6"

MATERIAL OF CONSTRUCTION

230 GPM to 300 GPM

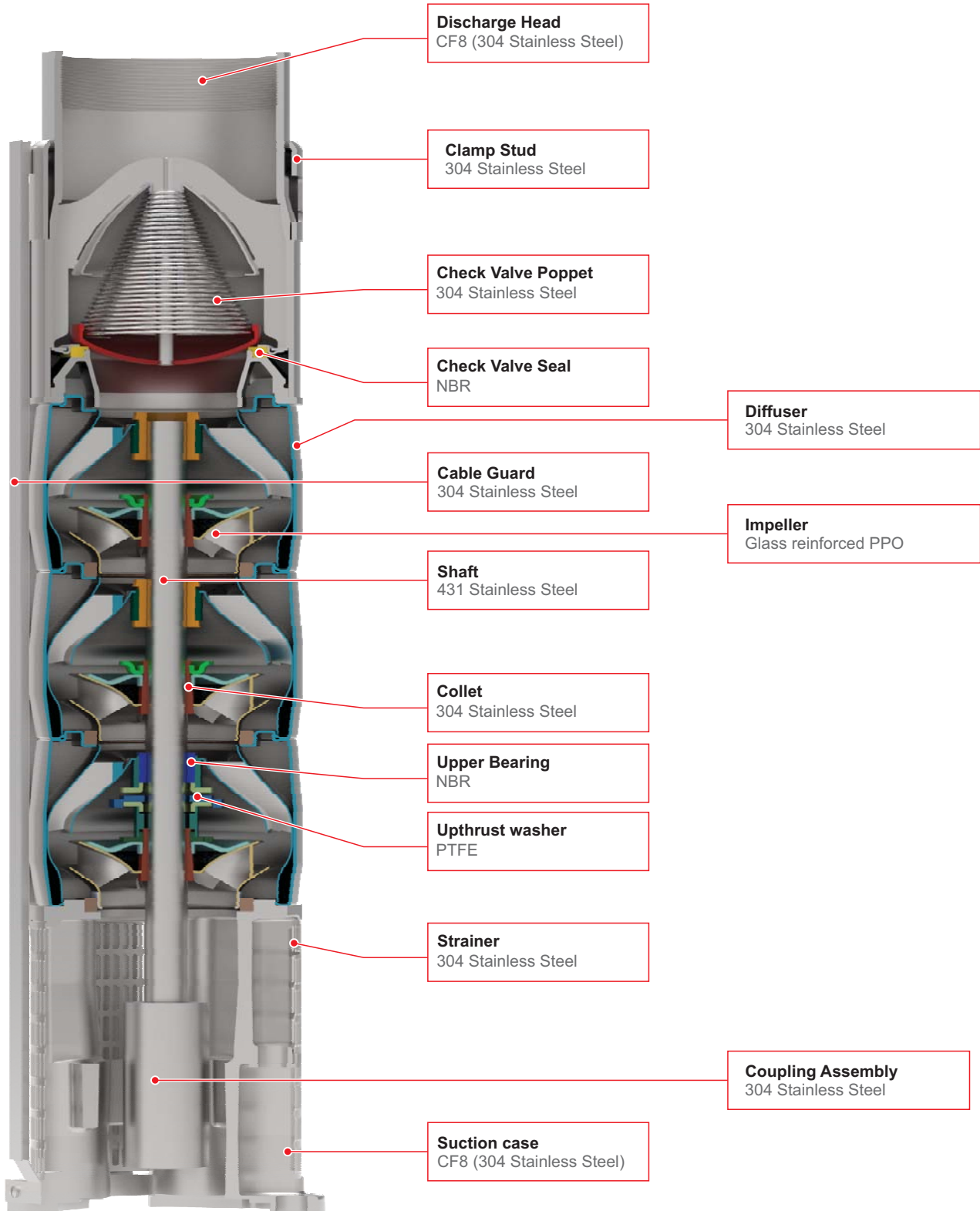


STAINLESS STEEL FABRICATED SUBMERSIBLE PUMPS

PUMP SIZE: 8"

MATERIAL OF CONSTRUCTION

400 GPM to 475 GPM

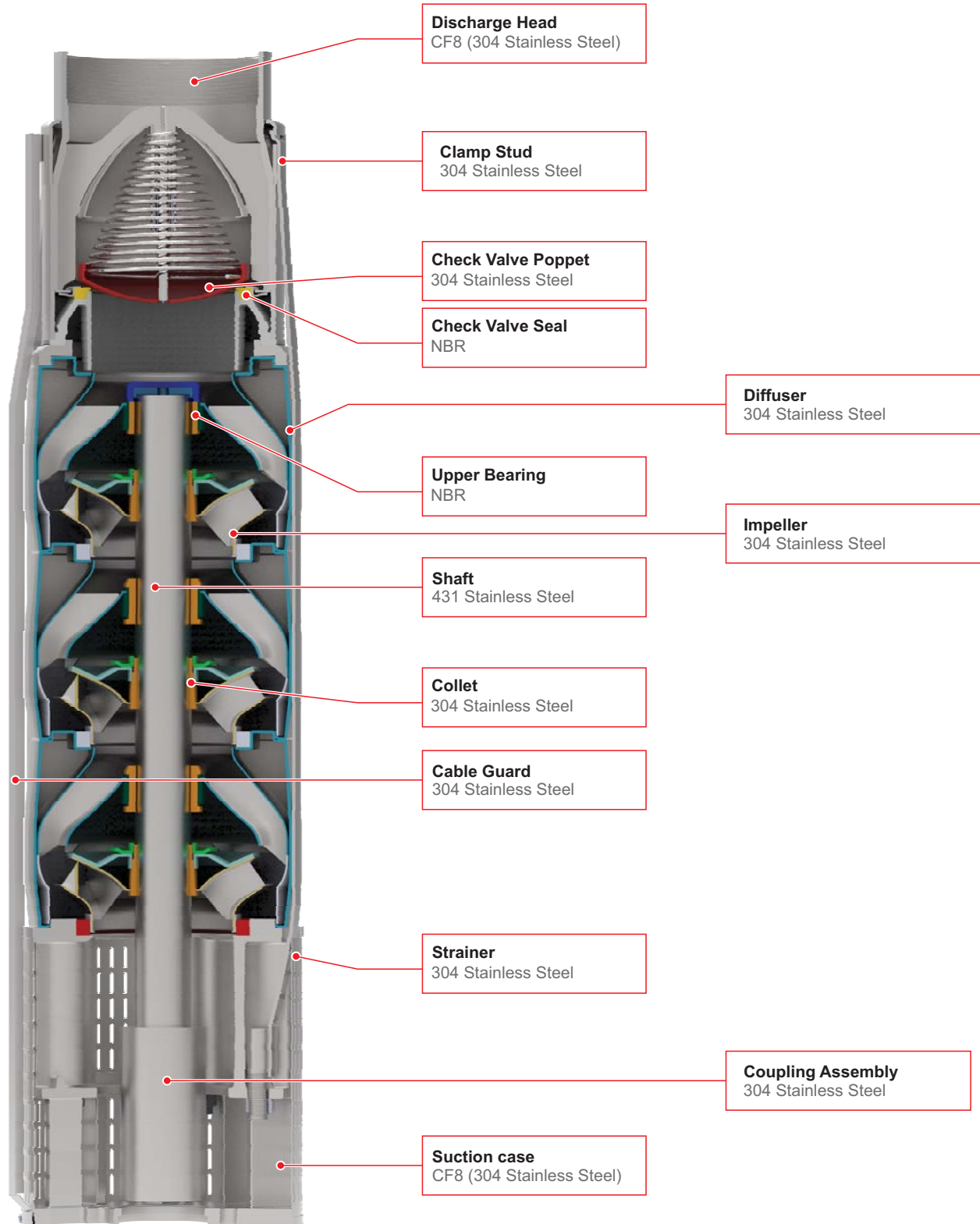


STAINLESS STEEL FABRICATED SUBMERSIBLE PUMPS

PUMP SIZE: 10"

MATERIAL OF CONSTRUCTION

625 GPM to 1150 GPM

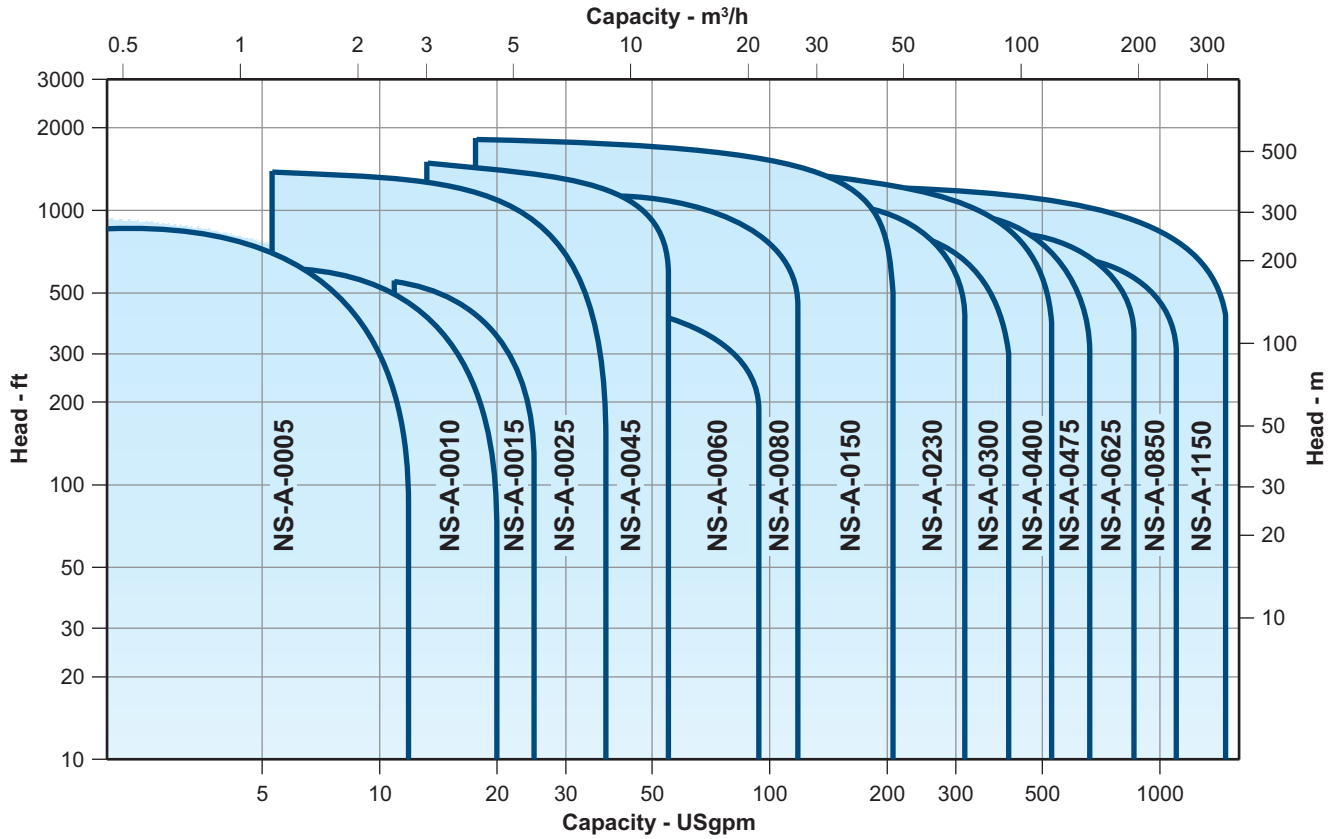


STAINLESS STEEL FABRICATED SUBMERSIBLE PUMPS

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
A	1¼"
B	1½"
C	2"
D	2½"
E	3"
F	4"
G	5"
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	
	14	4"	NS-A-0005-14-4-4-A	
	18	4"	NS-A-0005-18-4-4-A	
	27	4"	NS-A-0005-27-4-4-A	
	36	4"	NS-A-0005-36-4-4-A	
10	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	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	
	18	4"	NS-A-0015-18-4-4-A	
25	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	
25	52	4"	NS-A-0025-52-4-4-B	
	52	6"	NS-A-0025-52-4-6-B	
	45	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
		15	4"	NS-A-0045-15-4-4-C
21		4"	NS-A-0045-21-4-4-C	
30		4"	NS-A-0045-30-4-4-C	
30		6"	NS-A-0045-30-4-6-C	
44		6"	NS-A-0045-44-4-6-C	
60	58	6"	NS-A-0045-58-4-6-C	
	3	4"	NS-A-0060-03-4-4-C	
	5	4"	NS-A-0060-05-4-4-C	
	8	4"	NS-A-0060-08-4-4-C	
	12	4"	NS-A-0060-12-4-4-C	
	13	4"	NS-A-0060-13-4-4-C	
	16	4"	NS-A-0060-16-4-4-C	
	16	6"	NS-A-0060-16-4-6-C	
80	4	4"	NS-A-0080-04-6-4-E	
	6	4"	NS-A-0080-06-6-4-E	
	9	4"	NS-A-0080-09-6-4-E	
	9	6"	NS-A-0080-09-6-6-E	
	13	6"	NS-A-0080-13-6-6-E	
	17	6"	NS-A-0080-17-6-6-E	
150	22	6"	NS-A-0080-22-6-6-E	
	4	4"	NS-A-0150-04-6-4-E	
	5	4"	NS-A-0150-05-6-4-E	
	5	6"	NS-A-0150-05-6-6-E	
	8	6"	NS-A-0150-08-6-6-E	
	11	6"	NS-A-0150-11-6-6-E	
	14	6"	NS-A-0150-14-6-6-E	
	17	6"	NS-A-0150-17-6-6-E	
	23	6"	NS-A-0150-23-6-6-E	
28	6"	NS-A-0150-28-6-6-E		
33	8"	NS-A-0150-33-6-8-E		

GPM	STAGES	MOTOR JOINING SIZE	ORDER NO. / MODEL CODE
230	3E	4"	NS-A-0230-3E-6-4-E
	4F	4"	NS-A-0230-4F-6-4-E
	4F	6"	NS-A-0230-4F-6-6-E
	5C	6"	NS-A-0230-5C-6-6-E
	6	6"	NS-A-0230-06-6-6-E
	7	6"	NS-A-0230-07-6-6-E
	10	6"	NS-A-0230-10-6-6-E
	13	6"	NS-A-0230-13-6-6-E
	17	6"	NS-A-0230-17-6-6-E
	20	8"	NS-A-0230-20-6-8-E
300	3A	6"	NS-A-0300-3A-6-6-E
	4	6"	NS-A-0300-04-6-6-E
	6B	6"	NS-A-0300-6B-6-6-E
	7	6"	NS-A-0300-07-6-6-E
	9B	6"	NS-A-0300-9B-6-6-E
	11	6"	NS-A-0300-11-6-6-E
	14	6"	NS-A-0300-14-6-6-E
400	17	8"	NS-A-0300-17-6-8-E
	2	6"	NS-A-0400-02-8-6-F
	3	6"	NS-A-0400-03-8-6-F
	4	6"	NS-A-0400-04-8-6-F
	6B	6"	NS-A-0400-6B-8-6-F
	7	6"	NS-A-0400-07-8-6-F
	8	8"	NS-A-0400-08-8-8-F
	10	8"	NS-A-0400-10-8-8-F
475	13	8"	NS-A-0400-13-8-8-F
	15	8"	NS-A-0400-15-8-8-F
	3E	6"	NS-A-0475-3E-8-6-G
	5B	6"	NS-A-0475-5B-8-6-G
	6	6"	NS-A-0475-06-8-6-G
	7	8"	NS-A-0475-07-8-8-G
625	8	8"	NS-A-0475-08-8-8-G
	11	8"	NS-A-0475-11-8-8-G
	13	8"	NS-A-0475-13-8-8-G
	2	6"	NS-A-0625-02-1-6-H
	3A	6"	NS-A-0625-3A-1-6-H
	4A	8"	NS-A-0625-4A-1-8-H
850	5	8"	NS-A-0625-05-1-8-H
	7D	8"	NS-A-0625-7D-1-8-H
	7	8"	NS-A-0625-07-1-8-H
	3D	8"	NS-A-0850-3D-1-8-H
	3	8"	NS-A-0850-03-1-8-H
	4	8"	NS-A-0850-04-1-8-H
1150	5	8"	NS-A-0850-05-1-8-H
	6	8"	NS-A-0850-06-1-8-H
	1	6"	NS-A-1150-01-1-6-H
	2A	8"	NS-A-1150-2A-1-8-H
	3D	8"	NS-A-1150-3D-1-8-H
	3	8"	NS-A-1150-03-1-8-H
	4	8"	NS-A-1150-04-1-8-H
	5A	10"	NS-A-1150-5A-1-1-H
5	10"	NS-A-1150-05-1-1-H	
6	10"	NS-A-1150-06-1-1-H	
7A	10"	NS-A-1150-7A-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	11.7	10.9	10.2	9.4	8.7	7.8	7.0	6.0	4.9	3.5																	
		20			10.0	9.2	8.4	7.6	6.7	5.6	4.5	3.0																	
		30			9.1	8.3	7.5	6.6	5.5	4.1	2.9																		
		40			8.2	7.3	6.4	5.3	4.0	2.5																			
		50			7.2	6.3	5.1	3.9	2.0																				
		60			6.0	4.9	3.6																						
Shut-off PSI			89	81	72	63	55	46	37	29	20	11																	
3/4	14	0		11.5	11.0	10.5	10.0	9.5	9.0	8.5	8.0	7.5	6.9	6.3	5.6	4.8	4.0												
		20		10.4	9.9	9.4	8.9	8.4	7.9	7.4	6.8	6.1	5.4	4.6	3.7	2.8													
		30	10.3	9.8	9.3	8.8	8.3	7.8	7.2	6.6	6.0	5.3	4.4	3.7	2.5														
		40	9.7	9.3	8.8	8.3	7.8	7.2	6.5	5.9	5.1	4.5	3.5	2.3															
		50	9.2	8.6	8.2	7.6	7.1	6.5	5.8	5.0	4.3	3.5	2.0																
		60	8.6	8.1	7.5	6.9	6.4	5.7	5.0	4.1	3.2	2.0																	
Shut-off PSI			144	135	127	118	109	101	92	83	75	66	57	49	40	31	23												
1	18	0	12.0	11.7	11.3	10.9	10.6	10.2	9.8	9.4	9.0	8.6	8.3	7.8	7.5	7.0	6.5	5.2	3.5										
		20	11.2	10.8	10.5	10.1	9.7	9.3	8.9	8.5	8.2	7.7	7.3	6.8	6.4	5.8	5.2	3.6											
		30	10.8	10.4	10.0	9.6	9.3	8.8	8.5	8.1	7.6	7.2	6.8	6.3	5.8	5.2	4.5	2.8											
		40	10.4	10.0	9.6	9.2	8.8	8.4	8.0	7.6	7.2	6.7	6.2	5.7	5.1	4.5	3.8												
		50	9.9	9.5	9.2	8.8	8.4	8.0	7.5	7.1	6.7	6.1	5.6	5.0	4.4	3.7	2.9												
		60	9.5	9.1	8.7	8.3	7.9	7.5	7.1	6.6	6.0	5.5	4.9	4.3	3.6	2.8													
Shut-off PSI			187	179	170	161	153	144	135	127	118	109	101	92	83	75	66	44	23										
1½	27	0				11.5	11.2	11.0	10.7	10.5	10.2	9.9	9.7	9.4	9.2	8.9	8.7	8.0	7.3	6.5	5.6	3.5							
		20		11.4	11.2	10.9	10.7	10.4	10.1	9.8	9.6	9.3	9.1	8.9	8.6	8.3	8.1	7.4	6.6	5.7	4.7	2.1							
		30		11.1	10.9	10.6	10.3	10.1	9.8	9.6	9.3	9.1	8.8	8.6	8.3	8.0	7.7	7.0	6.2	5.3	4.2								
		40	11.0	10.8	10.6	10.3	10.0	9.8	9.5	9.3	9.1	8.8	8.5	8.2	8.0	7.7	7.4	6.6	5.8	4.8	3.7								
		50	10.8	10.5	10.3	10.0	9.7	9.5	9.2	9.0	8.7	8.4	8.2	7.9	7.6	7.3	7.0	6.3	5.4	4.3	3.1								
		60	10.5	10.2	9.9	9.7	9.5	9.2	9.0	8.7	8.4	8.2	7.9	7.6	7.3	7.0	6.7	5.8	4.9	3.8	2.4								
Shut-off PSI			286	277	268	260	251	242	234	225	216	208	199	190	182	173	164	142	121	99	77	34							
2	36	0		12.1	11.9	11.7	11.5	11.3	11.1	11.0	10.8	10.6	10.4	10.2	10.0	9.8	9.6	9.1	8.7	8.2	7.7	6.5	5.2	3.6					
		20		11.6	11.5	11.3	11.1	10.9	10.7	10.5	10.3	10.1	9.9	9.8	9.6	9.4	9.2	8.7	8.2	7.7	7.2	6.0	4.5	2.5					
		30	11.6	11.4	11.2	11.1	10.9	10.7	10.5	10.3	10.1	9.9	9.7	9.5	9.3	9.1	9.0	8.5	8.0	7.5	6.9	5.6	4.0						
		40	11.4	11.2	11.0	10.8	10.7	10.5	10.3	10.1	9.9	9.7	9.5	9.3	9.1	8.9	8.7	8.3	7.8	7.2	6.6	5.3	3.7						
		50	11.2	11.0	10.8	10.6	10.4	10.2	10.1	9.9	9.7	9.5	9.3	9.1	8.9	8.7	8.5	8.0	7.5	7.0	6.3	4.9	3.2						
		60	11.0	10.8	10.6	10.4	10.2	10.0	9.8	9.7	9.5	9.3	9.1	8.9	8.7	8.5	8.3	7.8	7.3	6.7	6.0	4.6	2.8						
Shut-off PSI			384	375	366	358	349	340	332	323	314	306	297	288	280	271	262	241	219	197	176	132	89	45.5					

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

4" STAINLESS STEEL FABRICATED SUBMERSIBLE PUMPS

MODEL NAME: NS-A-0010 **SELECTION CHART** **10 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		19.5	18.2	17.0	15.8	14.7	13.0	11.4	9.3	7.0	4.0																
		20	18.0	16.8	15.5	14.0	12.5	10.8	8.5	6.0	3.0																		
		30	16.5	15.2	13.8	12.3	10.5	8.2	5.8																				
		40	15.0	13.5	12.0	10.0	7.8	5.0																					
		50	13.4	11.7	9.8	7.7	4.8																						
		60	11.2	9.4	7.0	4.0																							
Shut-off PSI			95	86	78	69	60	52	43	34	25	17	8																
3/4	12	0		20.0	19.1	18.2	17.3	16.5	15.5	14.5	13.3	12.0	10.8	9.0	7.6	5.2	3.3												
		20	18.9	18.0	17.0	16.1	15.1	14.2	13.0	11.8	10.2	8.8	7.0	4.9															
		30	17.9	17.0	16.0	15.0	14.0	12.9	11.5	10.0	8.4	6.7	4.6																
		40	16.9	15.8	14.8	13.7	12.6	11.3	10.0	8.0	6.4	4.0																	
		50	15.7	14.6	13.5	12.5	11.1	9.6	7.8	6.0	3.8																		
		60	14.5	13.3	12.1	11.0	9.4	7.7	5.3	3.5																			
Shut-off PSI			129	121	112	103	95	86	77	69	60	51	43	34	25	17	8												
1	15	0			19.6	19.0	18.3	17.5	16.8	16.0	15.3	14.5	13.5	12.6	11.6	10.5	9.3	5.2											
		20		18.7	18.0	17.3	16.5	15.9	15.0	14.2	13.2	12.4	11.4	10.0	8.9	7.2	5.8												
		30	18.7	18.0	17.2	16.5	15.7	15.0	14.0	13.2	12.2	11.2	10.0	8.7	7.0	5.5	3.6												
		40	17.8	17.0	16.3	15.5	14.8	14.0	13.0	12.0	11.0	9.8	8.4	6.8	5.4	3.4													
		50	17.0	16.2	15.5	14.7	13.8	13.0	11.9	10.8	9.5	8.0	6.7	5.0	3.0														
		60	16.2	15.3	14.5	13.6	12.7	11.7	10.7	9.4	8.0	6.5	4.8	3.0															
Shut-off PSI			164	155	147	138	129	121	112	103	95	86	77	68	60	51	42	21											
1½	21	0				19.6	19.2	18.7	18.2	17.7	17.2	16.7	16.2	15.6	15.0	14.5	13.8	12.2	10.2	7.7	4.9								
		20		19.5	19.0	18.6	18.1	17.6	17.1	16.6	16.0	15.5	14.9	14.3	13.6	13.0	12.3	10.3	7.9	5.0									
		30	19.5	19.0	18.5	18.0	17.5	17.0	16.4	15.9	15.3	14.7	14.1	13.5	12.9	12.3	11.4	9.2	6.7	3.4									
		40	18.9	18.4	17.9	17.4	16.9	16.3	15.8	15.3	14.7	14.1	13.4	12.7	12.0	11.3	10.5	8.0	5.4										
		50	18.4	17.9	17.3	16.8	16.2	15.8	15.3	14.6	14.0	13.3	12.7	12.0	11.3	10.4	9.4	6.8	3.8										
		60	17.7	17.2	16.7	16.2	15.7	15.0	14.5	13.9	13.3	12.6	11.8	11.2	10.4	9.3	8.2	5.5											
Shut-off PSI			237	228	220	211	202	194	185	176	168	159	150	142	133	124	116	94	72										
2	27	0					19.8	19.4	19.0	18.6	18.2	17.8	17.5	17.0	16.6	16.2	15.8	14.7	13.5	12.1	10.6	6.8							
		20					19.2	18.9	18.5	18.1	17.7	17.3	16.9	16.5	16.1	15.6	15.2	14.8	13.5	12.2	10.7	9.1	4.7						
		30		19.6	19.2	18.8	18.4	18.0	17.6	17.3	16.8	16.5	16.0	15.6	15.2	14.7	14.3	13.0	11.6	10.0	8.0	3.4							
		40	19.5	19.2	18.8	18.4	18.0	17.6	17.2	16.8	16.4	16.0	15.5	15.0	14.7	14.2	13.7	12.3	10.9	9.1	7.0								
		50	19.1	18.7	18.3	18.0	17.5	17.1	16.8	16.3	15.9	15.5	15.0	14.5	14.0	13.6	13.0	11.8	10.0	8.3	6.0								
		60	18.7	18.3	17.9	17.5	17.1	16.6	16.2	15.9	15.4	15.0	14.5	14.0	13.5	13.0	12.5	11.0	9.2	7.3	5.0								
Shut-off PSI			302	293	284	276	267	258	250	241	232	224	215	206	198	189	180	159	137	115	94	50							

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

4" STAINLESS STEEL FABRICATED SUBMERSIBLE PUMPS

MODEL NAME: NS-A-0015 **SELECTION CHART** **15 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	5	0		24.0	22.0	19.0	15.5	9.0																			
		20	21.0	18.0	14.0	7.0																					
		30	17.5	13.5	5.0																						
		40	12.0																								
		50																									
		60																									
Shut-off PSI			51	42	34	25	16	8																			
3/4	8	0			24.2	21.5	19.8	18.0	15.5	12.0	7.0																
		20	23.8	22.5	21.0	19.2	17.0	14.5	10.0																		
		30	22.2	20.6	19.0	17.0	14.0	9.5																			
		40	20.5	18.6	16.5	13.5	8.5																				
		50	18.5	16.0	13.0	8.0																					
		60	15.5	12.0	7.5																						
Shut-off PSI			87	78	70	61	52	44	35	26	18	9															
1	10	0				24.0	22.8	21.7	20.4	19.0	17.4	15.5	12.5	8.5													
		20	24.5	23.6	22.5	21.5	20.0	18.5	17.0	14.5	11.5	6.8															
		30	23.5	22.4	21.2	19.8	18.4	16.5	14.0	11.0	6.0																
		40	22.0	21.0	19.5	18.0	16.2	13.8	10.0	5.0																	
		50	20.7	19.3	17.8	15.8	13.2	9.8																			
		60	19.0	17.5	15.5	12.5	9.0																				
Shut-off PSI			111	102	94	85	76	68	59	50	42	33	24	15	7												
1½	14	0					24.4	23.6	22.8	22.0	21.2	20.2	19.2	18.0	16.8	15.2	13.2	6.0									
		20			24.1	23.3	22.6	21.8	21.0	20.0	19.0	17.8	16.5	14.6	12.6	10.0	6.5										
		30	24.7	24.0	23.3	22.5	21.6	20.8	19.8	18.8	17.5	16.0	14.5	12.5	9.5	6.5											
		40	24.0	23.2	22.4	21.5	20.6	19.6	18.5	17.4	16.0	14.5	12.0	9.0	5.5												
		50	23.0	22.2	21.4	20.5	19.5	18.5	17.0	15.5	14.0	11.5	8.5	5.5													
		60	22.0	21.4	20.4	19.4	18.4	17.0	15.5	13.5	11.0	8.0															
Shut-off PSI			159	150	141	133	124	115	107	98	89	81	72	63	55	46	37	16									
2	18	0						24.5	24.0	23.4	22.9	22.2	21.5	20.8	20.1	19.4	18.5	16.0	12.0	6.5							
		20					23.8	23.2	22.7	22.0	21.4	20.6	19.9	19.1	18.2	17.2	16.2	12.5	6.2								
		30				23.8	23.1	22.5	21.9	21.3	20.6	19.7	19.0	18.0	17.0	16.0	14.6	10.0									
		40				23.6	23.0	22.5	21.8	21.1	20.5	19.6	18.8	18.0	17.0	15.7	14.5	13.0	7.0								
		50	24.0	23.5	23.0	22.4	21.7	21.0	20.4	19.5	18.6	17.8	16.8	15.5	14.2	12.5	10.2										
		60	23.5	22.9	22.3	21.6	20.9	20.2	19.5	18.5	17.5	16.5	15.5	14.0	12.5	10.0	7.8										
Shut-off PSI			207	198	189	180	172	163	154	146	137	128	120	111	102	94	85	63	42	20							
3	24	0								24.5	24.2	23.7	23.2	22.8	22.4	21.9	21.4	20.0	18.5	16.6	14.3	6.0					
		20								24.4	24.0	23.6	23.2	22.7	22.2	21.7	21.2	20.7	20.2	18.7	16.8	14.5	11.0				
		30								24.4	24.0	23.5	23.1	22.6	22.1	21.7	21.1	20.6	20.1	19.5	17.8	15.8	13.0	9.0			
		40								24.2	23.9	23.5	23.0	22.5	22.0	21.6	21.1	20.6	20.0	19.4	18.8	17.0	14.8	11.4	6.6		
		50								24.2	23.8	23.4	23.0	22.5	22.0	21.5	21.0	20.5	19.9	19.3	18.7	17.9	16.0	13.4	9.3		
		60	24.5	24.2	23.8	23.3	22.9	22.4	21.9	21.4	20.9	20.4	19.8	19.2	18.6	17.9	17.0	14.8	11.8	7.0							
Shut-off PSI			278	270	261	252	244	235	226	218	209	200	192	183	174	166	157	135	113	92	70	27					

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

4" STAINLESS STEEL FABRICATED SUBMERSIBLE PUMPS

MODEL NAME: NS-A-0025	SELECTION CHART	25 GPM
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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	7	0		36.5	34.0	32.0	29.0	25.0	21.0	16.0	8.0																					
		20	33.0	30.5	28.0	24.0	20.0	14.0																								
		30	30.0	27.0	23.0	19.0	12.0																									
		40	27.0	22.0	17.5	11.0																										
		50	21.5	17.0	9.5																											
		60	15.0	9.0																												
Shut-off PSI			77	68	60	51	42	34	25	16	8																					
1½	9	0			36.0	34.0	32.0	29.5	27.0	24.0	21.0	17.0	11.0																			
		20	35.0	33.0	31.0	29.0	26.0	23.0	19.0	15.0	10.0																					
		30	33.0	31.0	29.0	26.0	23.0	19.0	14.0	10.0																						
		40	30.5	28.0	26.0	23.0	18.0	14.0	8.0																							
		50	28.0	25.0	22.0	18.0	13.0																									
		60	24.0	22.0	18.0	12.0																										
Shut-off PSI			102	93	84	76	67	58	50	41	32	23	15																			
2	11	0			36.5	35.5	34.0	32.0	30.0	28.0	26.0	24.0	21.5	18.0	14.0	8.0																
		20		35.0	33.5	31.5	30.0	28.0	26.0	23.0	20.0	17.0	12.0	7.0																		
		30	34.5	33.0	31.5	29.5	27.5	25.0	23.0	19.5	16.5	11.0	7.0																			
		40	33.0	31.0	29.0	27.0	25.0	22.0	19.0	15.0	11.0																					
		50	31.0	29.0	27.0	25.0	22.0	19.0	15.0	10.0																						
		60	28.0	26.0	24.0	21.0	18.0	14.0	10.0																							
Shut-off PSI			126	117	109	100	91	83	74	65	57	48	39	31	22	13																
3	15	0				37.0	35.8	34.5	33.5	32.5	31.0	30.0	28.5	27.0	25.0	23.0	21.0	14.0														
		20		36.5	35.5	34.0	33.0	32.0	30.5	29.5	28.0	26.0	24.5	22.5	20.0	18.0	15.0															
		30	36.5	35.0	34.0	33.0	31.5	30.5	29.0	27.5	26.0	24.0	22.0	20.0	17.0	14.0	11.0															
		40	35.0	34.0	33.0	31.5	30.0	29.0	27.5	26.0	24.0	22.0	19.5	17.5	14.0	10.0																
		50	34.0	32.5	31.5	30.0	28.5	27.0	25.5	23.5	21.5	19.0	16.0	13.0	10.0																	
		60	32.5	31.0	30.0	28.5	27.0	25.0	23.0	21.0	19.0	16.0	13.0	9.0																		
Shut-off PSI			175	166	158	149	140	132	123	114	106	97	88	80	71	62	54	32														
5	26	0							37.5	36.8	36.2	35.5	35.0	34.2	33.5	33.0	32.2	31.5	29.5	27.5	25.0	22.5	15.0									
		20							36.5	36.0	35.3	34.6	34.0	33.5	32.8	32.0	31.5	30.5	29.5	27.5	25.0	23.0	19.5	10.0								
		30							36.5	36.0	35.5	34.5	34.0	33.5	32.5	31.8	31.2	30.5	29.5	29.0	26.5	24.0	21.0	18.0	7.5							
		40							36.5	36.0	35.2	34.5	34.0	33.5	32.5	32.0	31.0	30.5	29.5	28.5	28.0	25.5	23.0	19.5	16.0							
		50							36.5	35.5	35.0	34.5	33.5	33.0	32.5	31.5	31.0	30.2	29.5	28.5	27.5	26.5	24.0	21.5	18.0	14.0						
		60	36.1	35.5	35.0	34.5	33.5	33.0	32.5	31.5	31.0	30.0	29.2	28.2	27.5	26.5	25.5	23.0	19.8	16.0	11.0											
Shut-off PSI			310	301	292	284	275	266	258	249	240	232	223	214	206	197	188	167	145	123	102	58	15									
7½	39	0												37.4	37.0	36.5	36.0	35.7	35.2	34.8	33.8	32.8	31.5	30.2	27.5	24.0	20.0	15.0	8.0			
		20													37.0	36.5	36.0	35.5	35.0	34.7	34.2	33.8	32.9	31.5	30.5	29.0	26.0	22.5	18.0	12.0		
		30													36.8	36.4	35.9	35.5	35.1	34.6	34.1	33.7	33.2	32.4	31.0	29.8	28.5	25.5	21.5	17.0	10.0	
		40													36.8	36.3	36.0	35.5	35.0	34.5	34.0	33.6	33.2	32.8	31.8	30.5	29.1	27.9	24.5	20.5	15.5	8.0
		50													36.8	36.3	36.0	35.5	35.0	34.5	34.0	33.6	33.1	32.8	31.0	30.0	28.5	27.0	23.5	19.5	14.0	7.0
		60													36.8	36.3	36.0	35.5	35.0	34.5	34.0	33.5	33.0	32.6	32.2	31.8	30.5	29.1	28.0	26.5	22.6	18.5
Shut-off PSI						443	434	426	417	408	399	391	382	373	365	356	347	326	304	282	261	217	174	131	87	44.0						
10	52	0																														
		20																														
		30																														
		40																														
		50																														
		60																														
Shut-off PSI																																

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		
1 1/2	5	0				52.5	45.0	28.0																				
		20		51.0	42.0	20.0																						
		30	50.0	40.0	18.0																							
		40	35.0	14.0																								
		50	14.0																									
		60																										
Shut-off PSI			52	44	35	26	18	9																				
2	7	0						54.0	50.0	43.0	30.0	17.0																
		20			54.0	48.0	39.0	25.0	12.0																			
		30		52.0	46.0	36.0	25.0																					
		40	52.0	45.0	35.0	24.0																						
		50	45.0	35.0	22.0																							
		60	32.0	20.0																								
Shut-off PSI			77	69	60	51	43	34	25	17	8																	
3	9	0								53.5	49.0	45.0	35.0	20.0	10.0													
		20					52.0	48.0	43.0	32.0	19.0																	
		30					52.0	47.0	41.0	25.0	15.0																	
		40					51.0	45.5	40.0	23.0	15.0																	
		50	53.5	50.0	45.0	40.0	23.0	13.0																				
		60	50.0	45.0	38.0	21.0	10.0																					
Shut-off PSI			102	94	85	76	68	59	50	42	33	24	16	7														
5	15	0												54.0	51.5	48.5	45.5	42.0	26.0	10.0								
		20												53.5	51.0	48.0	45.0	41.0	35.0	27.0	11.0							
		30												53.5	50.0	47.0	44.0	41.0	35.0	27.0	19.0							
		40												53.0	50.0	47.0	44.0	40.0	34.0	25.0	19.0	12.0						
		50						54.5	52.5	50.0	46.5	43.0	39.0	32.0	25.0	18.0	12.0											
		60					54.5	52.0	49.0	46.0	43.0	38.0	31.0	23.0	17.0	11.0												
Shut-off PSI						151	142	134	125	116	108	99	90	82	73	64	56	34	12									
7 1/2	21	0																	54.5	50.0	45.0	37.0	24.0					
		20																	54.0	52.5	51.0	46.0	38.0	25.0	14.0			
		30																	54.0	52.5	50.5	48.5	42.0	32.0	19.5			
		40																	53.5	52.0	50.5	48.5	46.0	38.0	25.0	14.0		
		50																	53.5	52.0	50.0	48.0	45.5	43.0	33.0	20.0		
		60																	53.5	51.5	49.5	47.5	45.5	43.0	39.0	26.0	15.0	
Shut-off PSI																		181	172	163	155	146	137	129	107	85	64	42
10	30	0																		53.0	50.0	42.0	25.0					
		20																			53.5	50.5	47.0	35.0	17.0			
		30																			52.0	48.5	45.0	31.0	14.0			
		40																			53.5	50.5	47.0	42.5	26.0	10.0		
		50																			52.0	49.0	45.0	40.5	22.0			
		60																			53.5	51.0	47.0	43.0	37.0	18.0		
Shut-off PSI																				240	218	196	175	153	110	66		
15	44	0																			54.0	50.0	45.0	38.0	27.0			
		20																				52.5	48.0	42.5	33.5	21.5		
		30																				51.5	47.0	41.0	30.5	19.0		
		40																				54.5	50.5	45.5	39.0	27.5	17.0	
		50																				53.5	49.5	44.0	37.0	25.0	15.0	
		60																				54.5	52.5	48.5	43.0	35.0	22.0	12.0
Shut-off PSI																					345	324	280	237	194	150	107	
20	58	0																							54.0	51.2	47.7	
		20																							53.0	50.0	46.0	
		30																							52.0	49.0	45.0	
		40																							54.5	51.5	48.0	44.0
		50																							53.5	50.5	47.0	43.0
		60																							53.0	50.0	46.0	41.5
Shut-off PSI																									411	367	324	280

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
2	3	0			78.0	48.0																				
		20	70.0	35.0																						
		30	28.0																							
		40																								
		50																								
		60																								
Shut-off PSI			32	23	14	6																				
3	5	0				90.0	77.0	60.0	40.0																	
		20		86.0	72.0	55.0	30.0																			
		30		70.0	51.0	29.0																				
		40	68.0	50.0	20.0																					
		50	45.0																							
		60																								
Shut-off PSI			59	50	41	33	24	15	7																	
5	8	0						93.0	85.0	77.0	68.0	57.0	43.0	24.0												
		20				90.0	82.0	74.0	64.0	52.0	38.0															
		30			90.0	81.0	72.0	62.0	50.0	35.0																
		40		88.0	80.0	71.0	60.0	49.0	30.0																	
		50	87.0	79.0	70.0	59.0	46.0	29.0																		
		60	78.0	68.0	58.0	45.0	25.0																			
Shut-off PSI			99	91	82	73	65	56	47	39	30	21	13	4												
7½	12	0										88.0	83.0	77.0	71.0	64.0	56.0	30.0								
		20									91.0	86.0	80.5	75.0	69.0	61.5	54.0	45.0	33.0							
		30								91.0	85.0	80.0	75.0	68.0	60.5	52.0	43.0	30.0								
		40						90.0	85.0	79.0	73.0	67.0	59.0	51.0	42.0	29.0										
		50				89.0	84.0	78.0	73.0	66.0	58.0	50.0	40.0	27.0												
		60			88.0	83.5	78.0	71.0	65.0	57.0	49.0	39.0	25.0													
Shut-off PSI				136	127	118	110	101	92	84	75	66	58	49	40	32	10									
7½	13	0										92.0	87.0	82.0	77.0	71.0	65.0	46.0								
		20									90.0	85.5	80.5	75.0	70.0	63.0	56.0	48.0								
		30								90.0	85.0	80.0	74.5	68.0	62.0	55.0	47.0	37.0								
		40							89.0	84.0	79.0	73.0	68.0	61.0	53.0	45.0	35.0	20.0								
		50				92.5	88.0	83.5	78.0	72.5	67.0	60.0	52.0	44.0	34.0											
		60			91.6	87.5	82.5	77.5	72.0	65.5	59.5	51.5	43.0	32.0												
Shut-off PSI				149	141	132	123	115	106	97	89	80	71	63	54	45	24									
10	16	0												89.0	85.0	81.0	70.0	56.0	38.5							
		20											91.5	88.0	84.0	80.0	76.0	71.0	57.0	40.0						
		30										91.0	87.0	84.0	79.0	75.0	70.0	65.0	50.0	30.0						
		40									91.0	87.0	83.0	79.0	74.0	69.0	64.0	58.0	42.0							
		50							90.0	86.0	82.0	78.0	73.2	69.0	64.0	57.0	51.0	32.0								
		60						89.0	85.5	81.0	77.0	73.0	68.0	62.5	57.0	51.0	43.5									
Shut-off PSI							164	155	146	138	129	120	112	103	94	86	64	42	21							

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

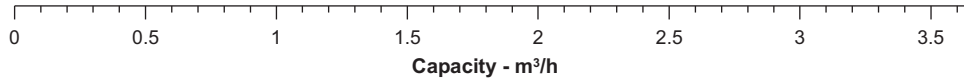
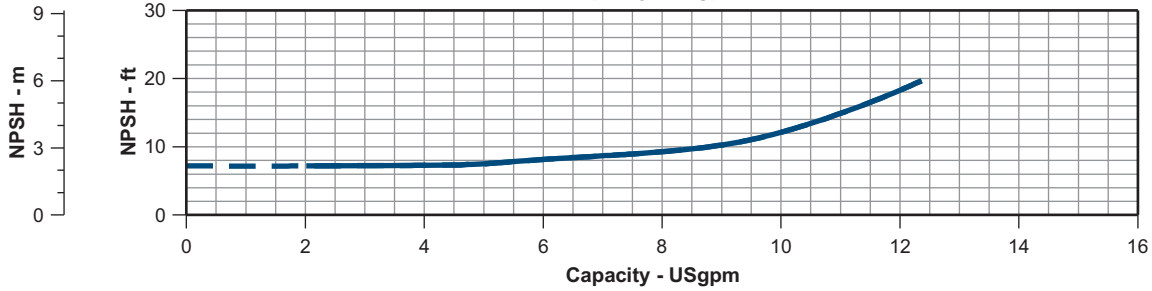
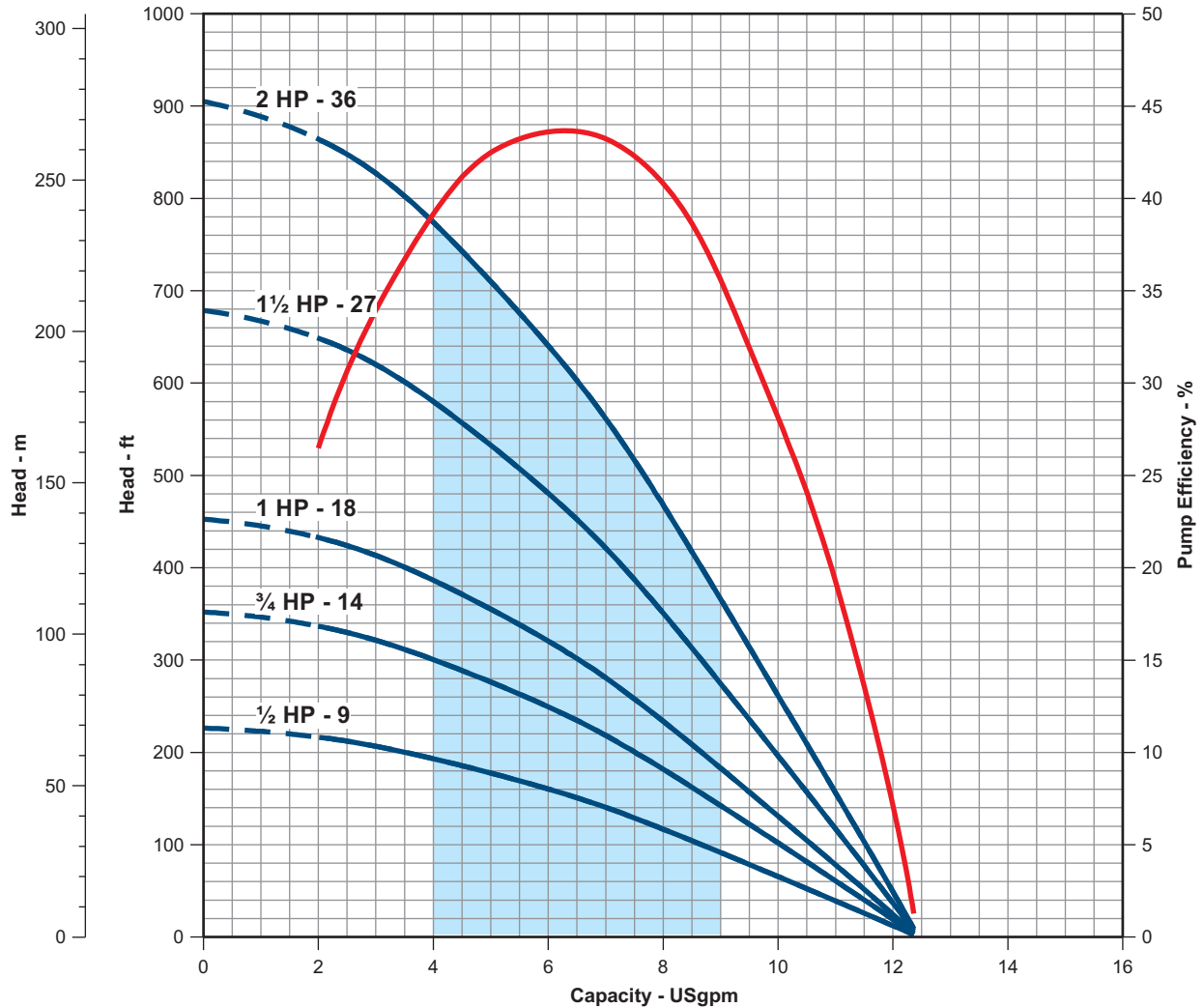
4" STAINLESS STEEL FABRICATED SUBMERSIBLE PUMPS

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.

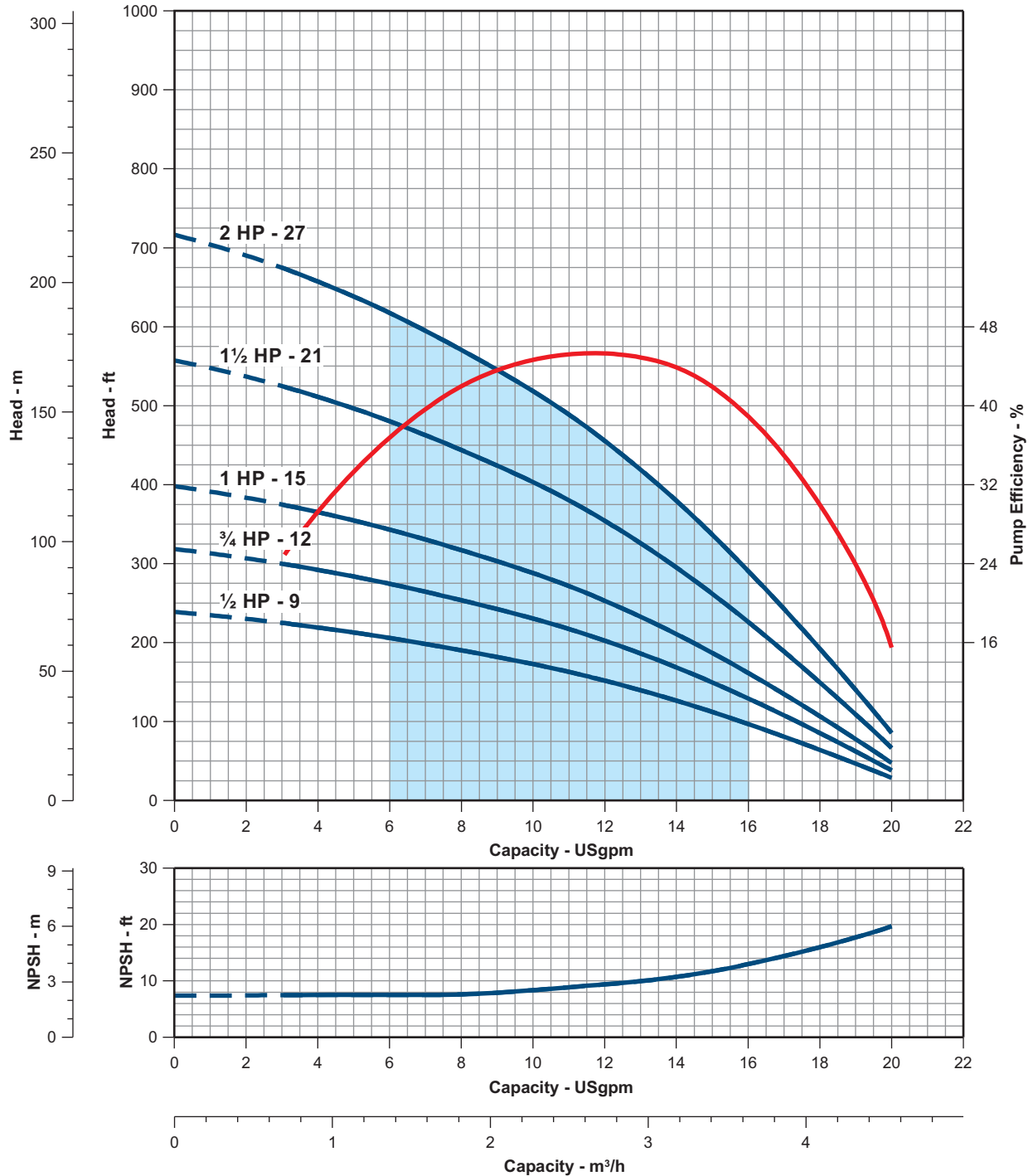
4" STAINLESS STEEL FABRICATED SUBMERSIBLE PUMPS

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.

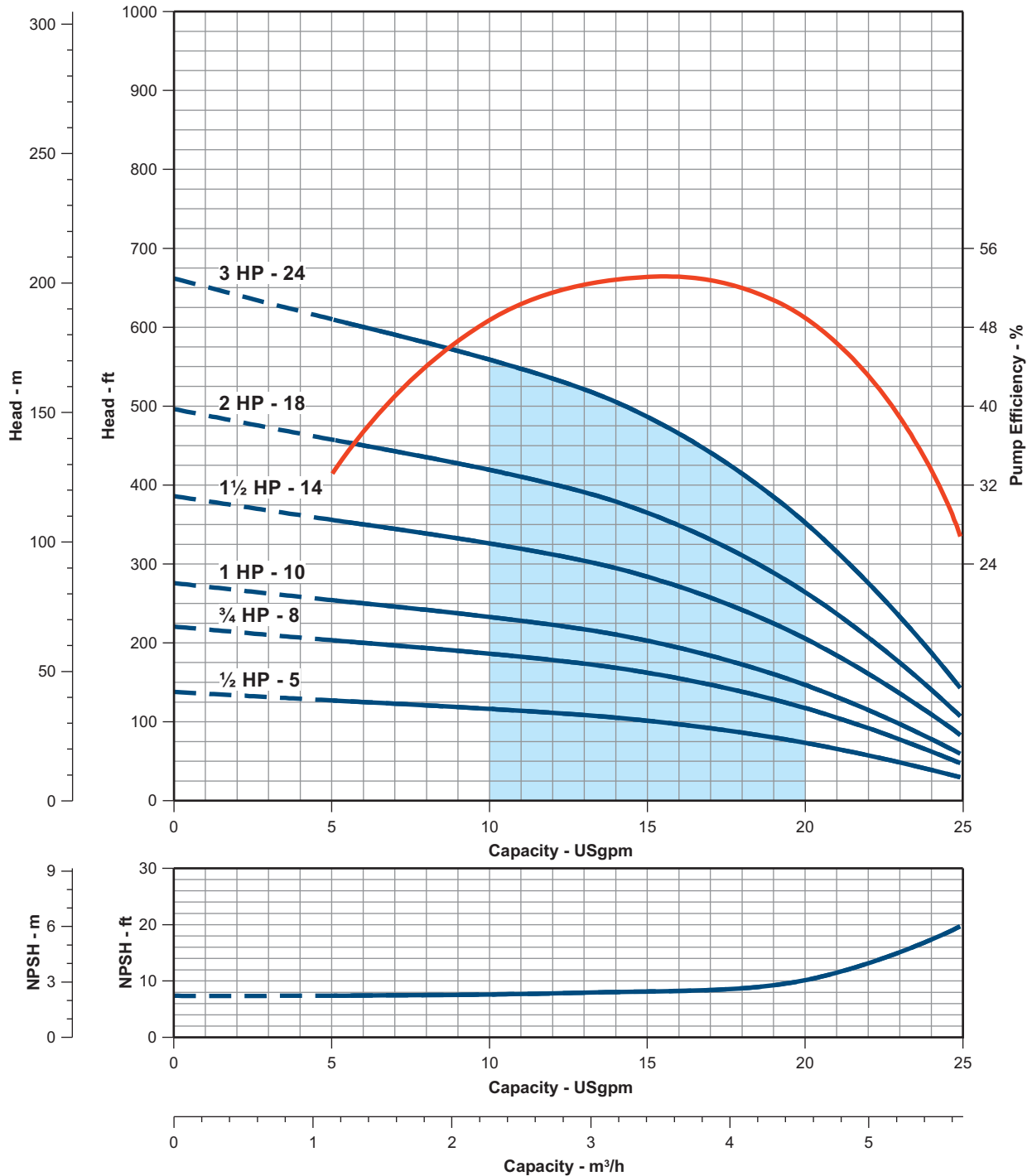
4" STAINLESS STEEL FABRICATED SUBMERSIBLE PUMPS

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

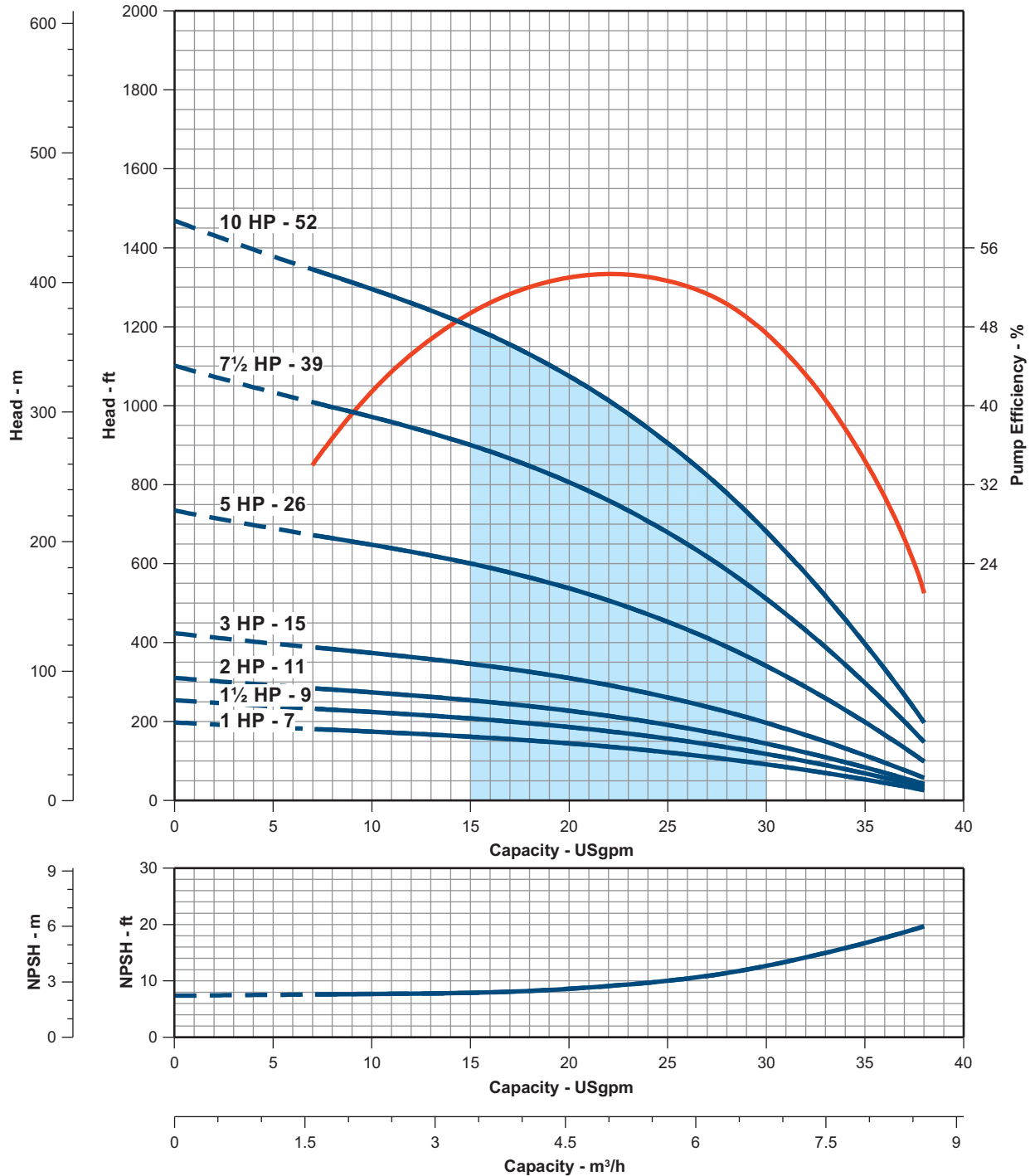
MODEL NAME: NS-A-0025

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



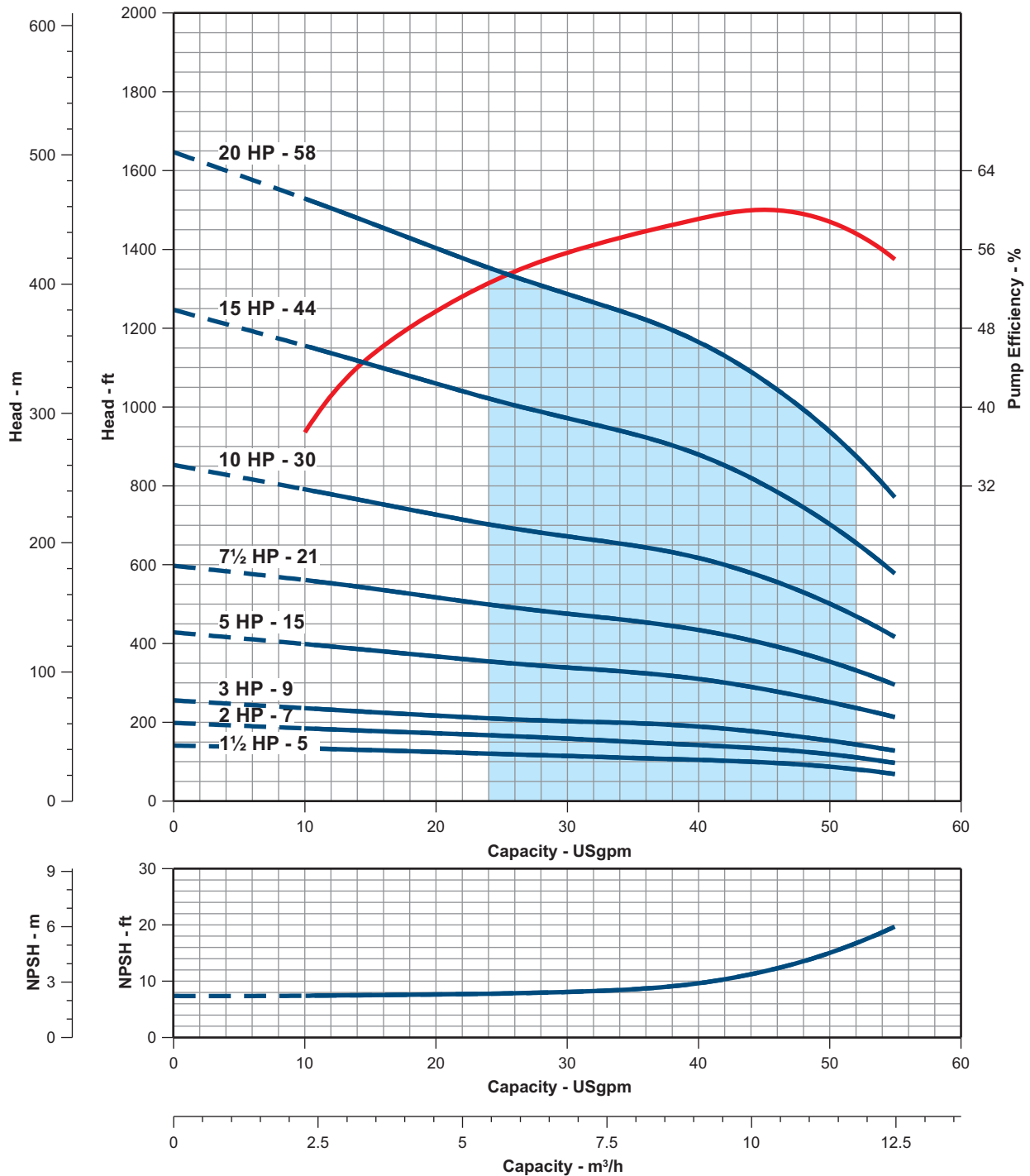
■ BEST EFFICIENCY REGION
■ RECOMMENDED PUMP OPERATING RANGE
 PERFORMANCE BASED ON TEST ACCEPTANCE - ISO 9906:2012 3B.
 PERFORMANCES ARE SUBJECT TO PERIODIC CHANGES DUE TO CONTINUOUS IMPROVEMENTS.

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.

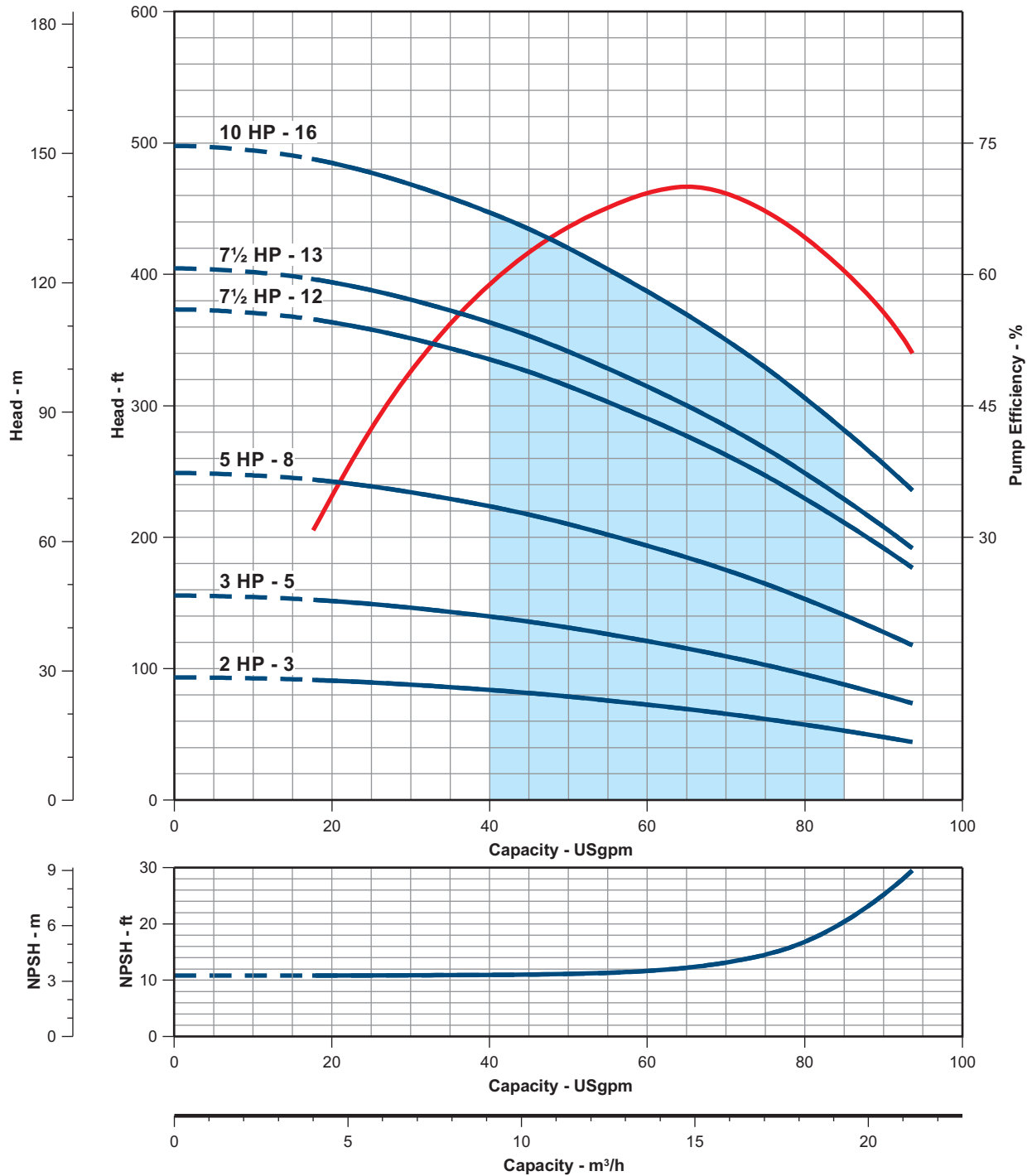
4" STAINLESS STEEL FABRICATED SUBMERSIBLE PUMPS

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

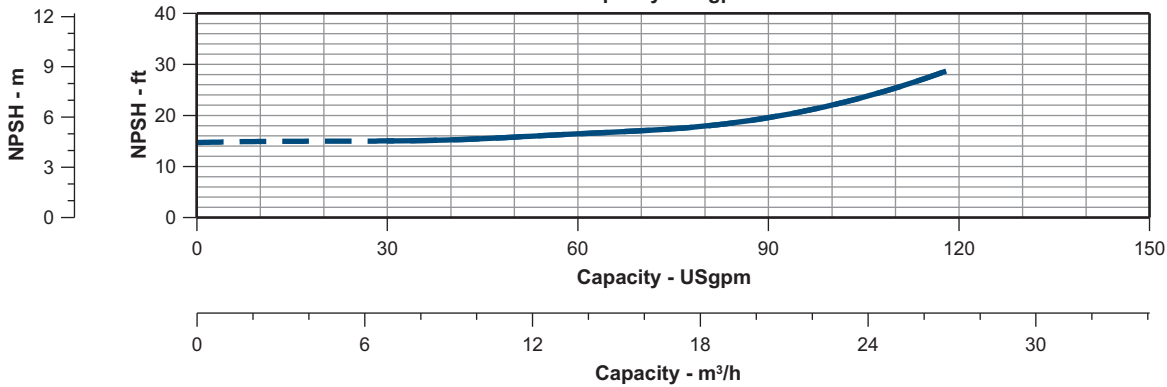
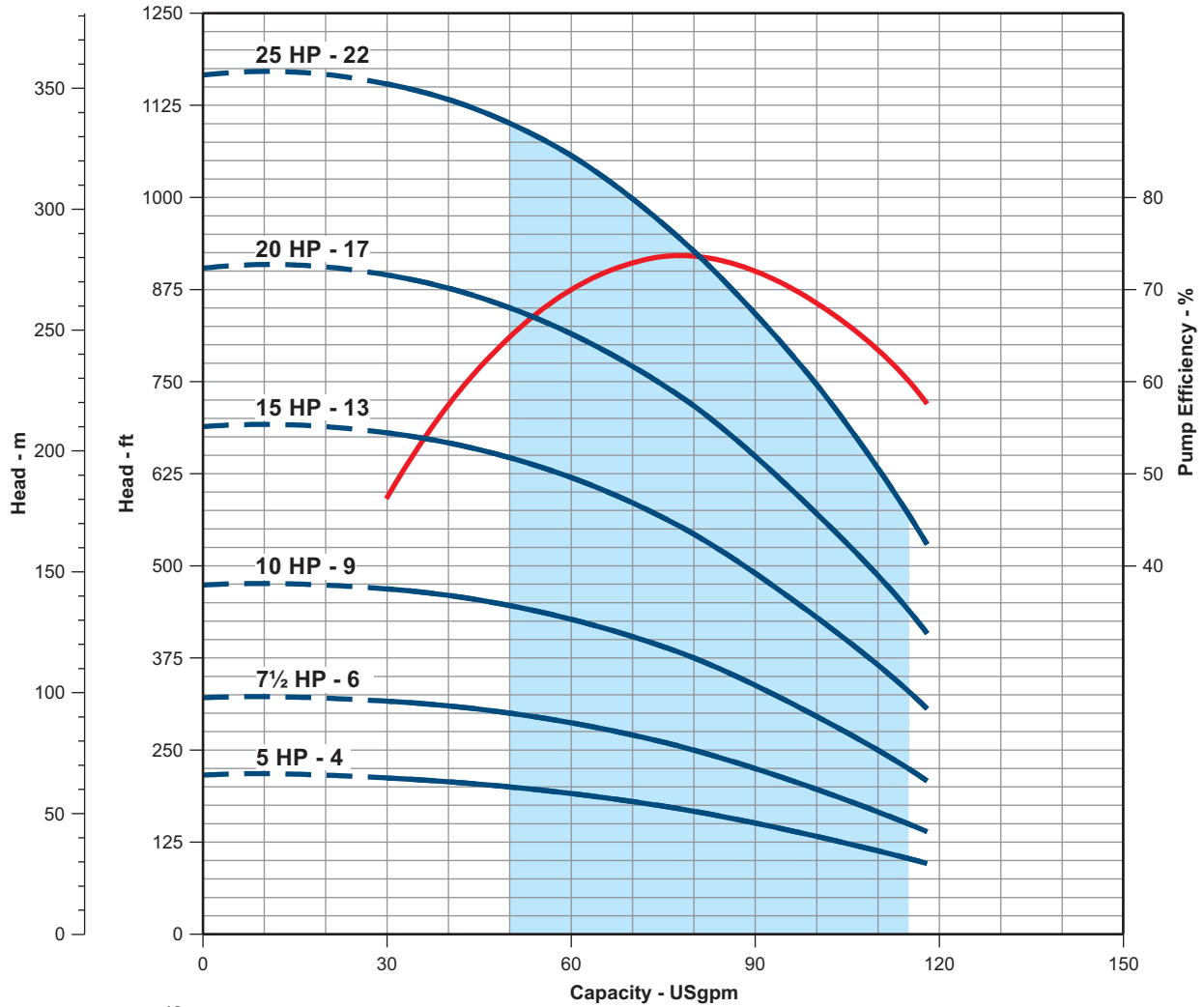
MODEL NAME: NS-A-0080

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

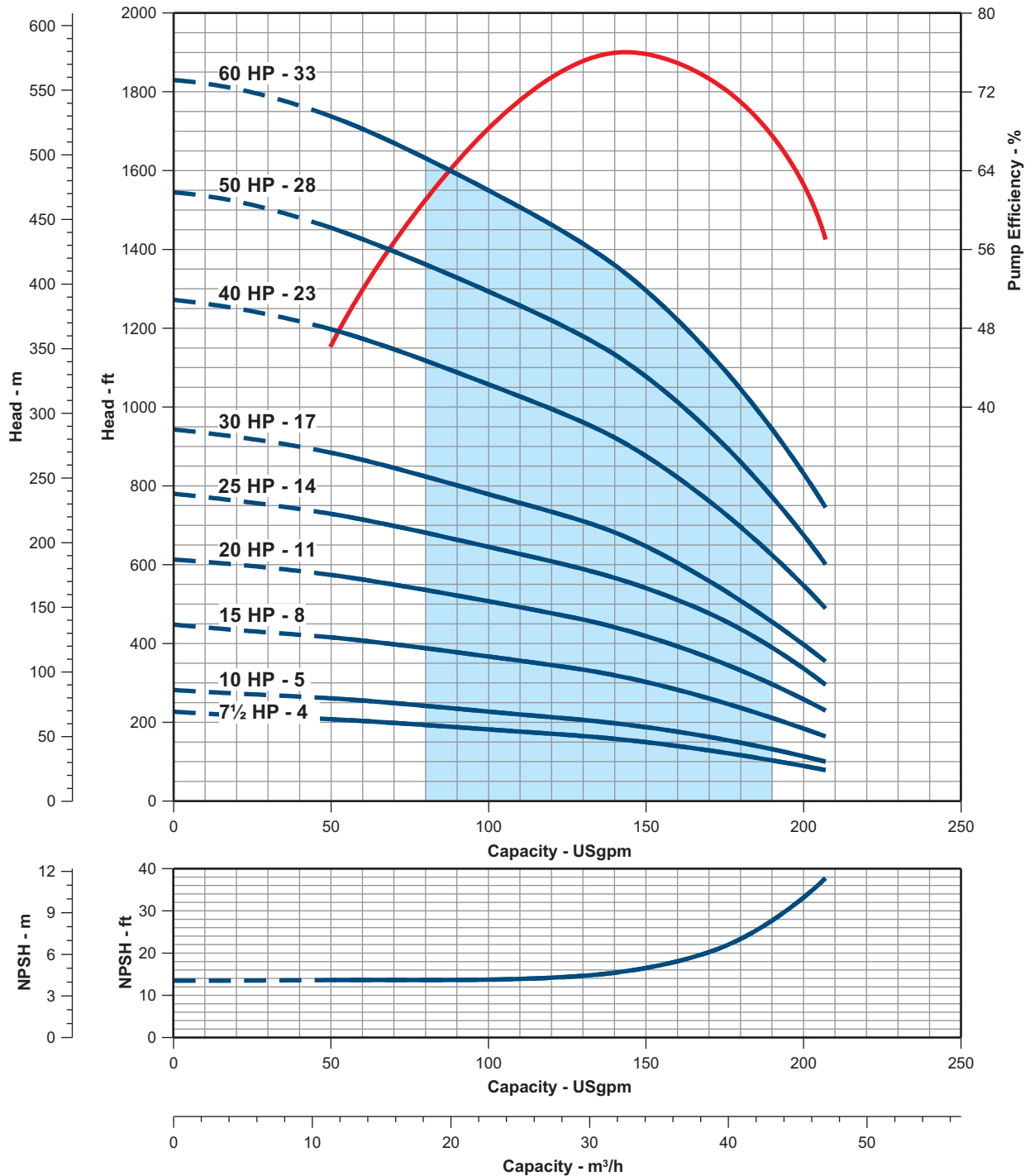
MODEL NAME: NS-A-0150

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



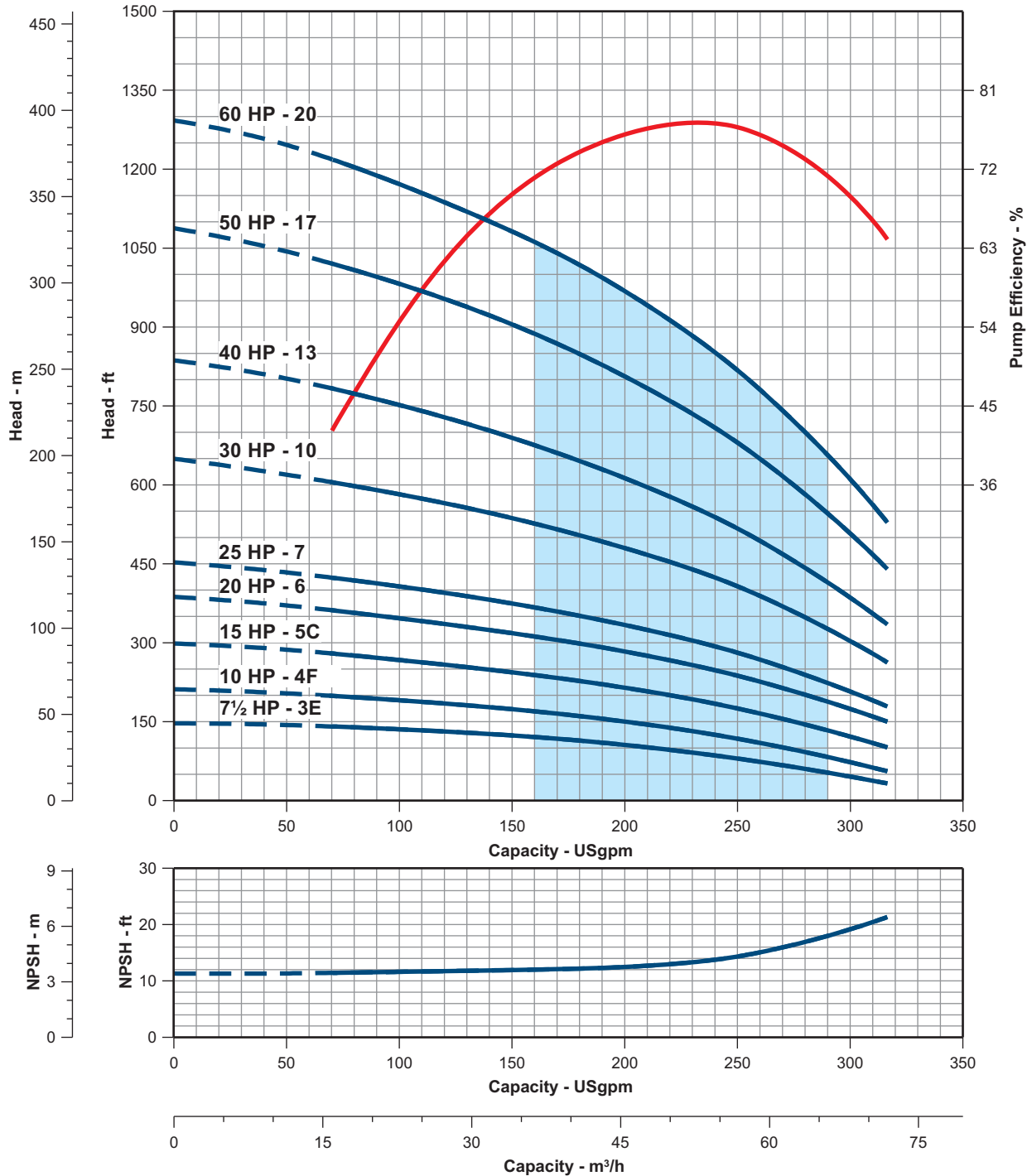
■ BEST EFFICIENCY REGION
— RECOMMENDED PUMP OPERATING RANGE
 PERFORMANCE BASED ON TEST ACCEPTANCE - ISO 9906:2012 3B.
 PERFORMANCES ARE SUBJECT TO PERIODIC CHANGES DUE TO CONTINUOUS IMPROVEMENTS.

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



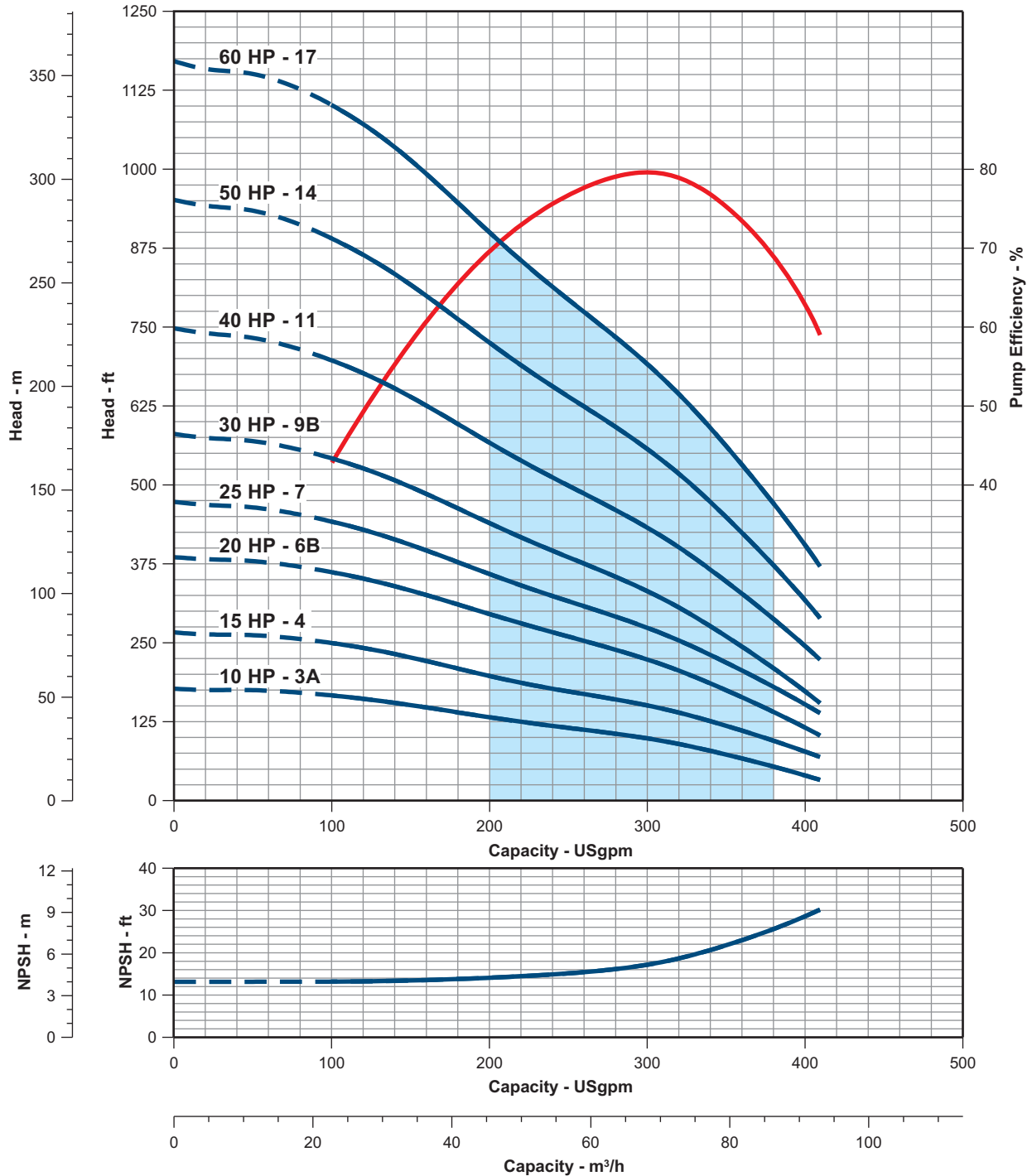
■ BEST EFFICIENCY REGION
— RECOMMENDED PUMP OPERATING RANGE
 PERFORMANCE BASED ON TEST ACCEPTANCE - ISO 9906:2012 3B.
 PERFORMANCES ARE SUBJECT TO PERIODIC CHANGES DUE TO CONTINUOUS IMPROVEMENTS.

6" STAINLESS STEEL FABRICATED SUBMERSIBLE PUMPS

MODEL NAME: NS-A-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.

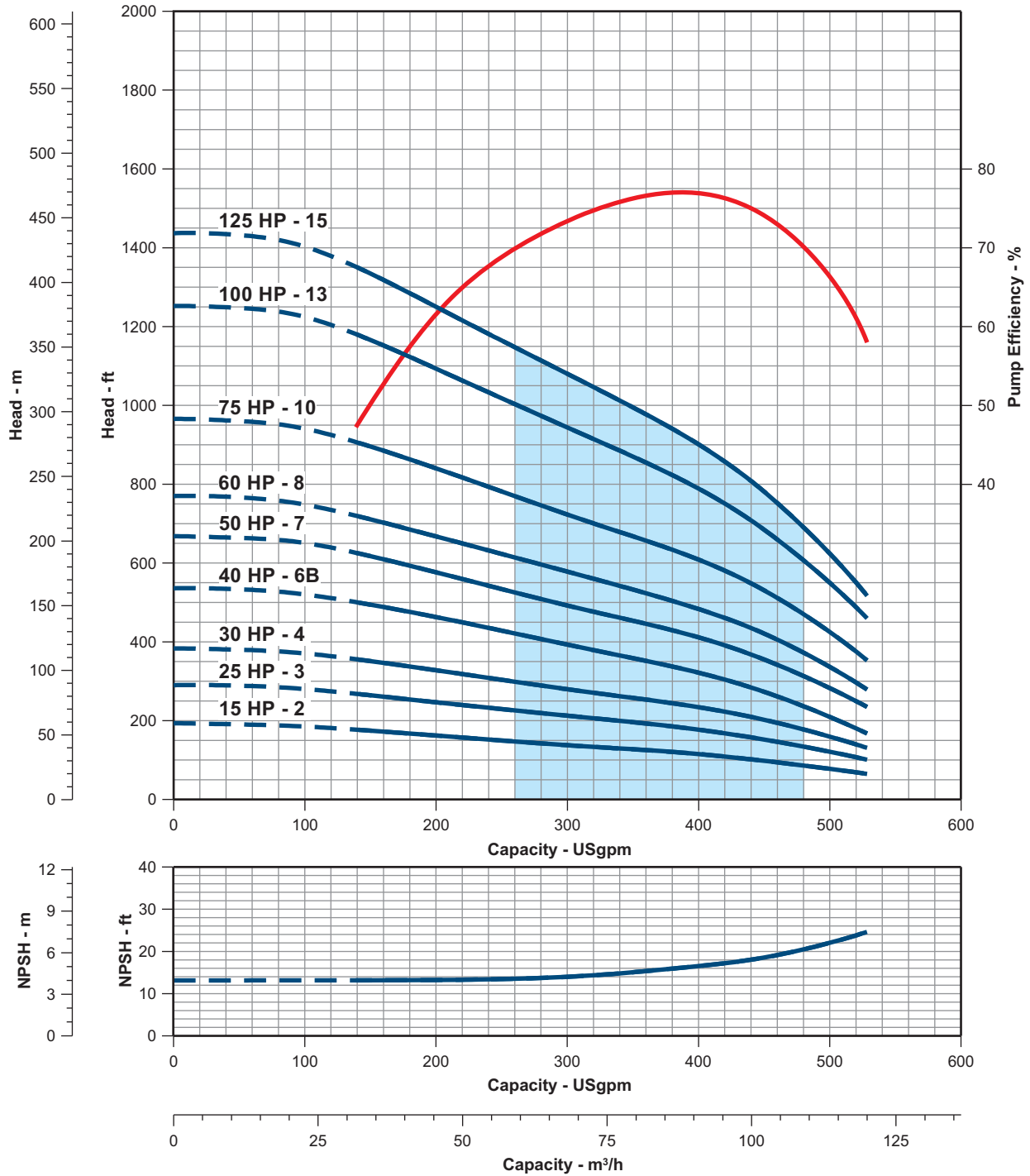
8" STAINLESS STEEL FABRICATED SUBMERSIBLE PUMPS

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.

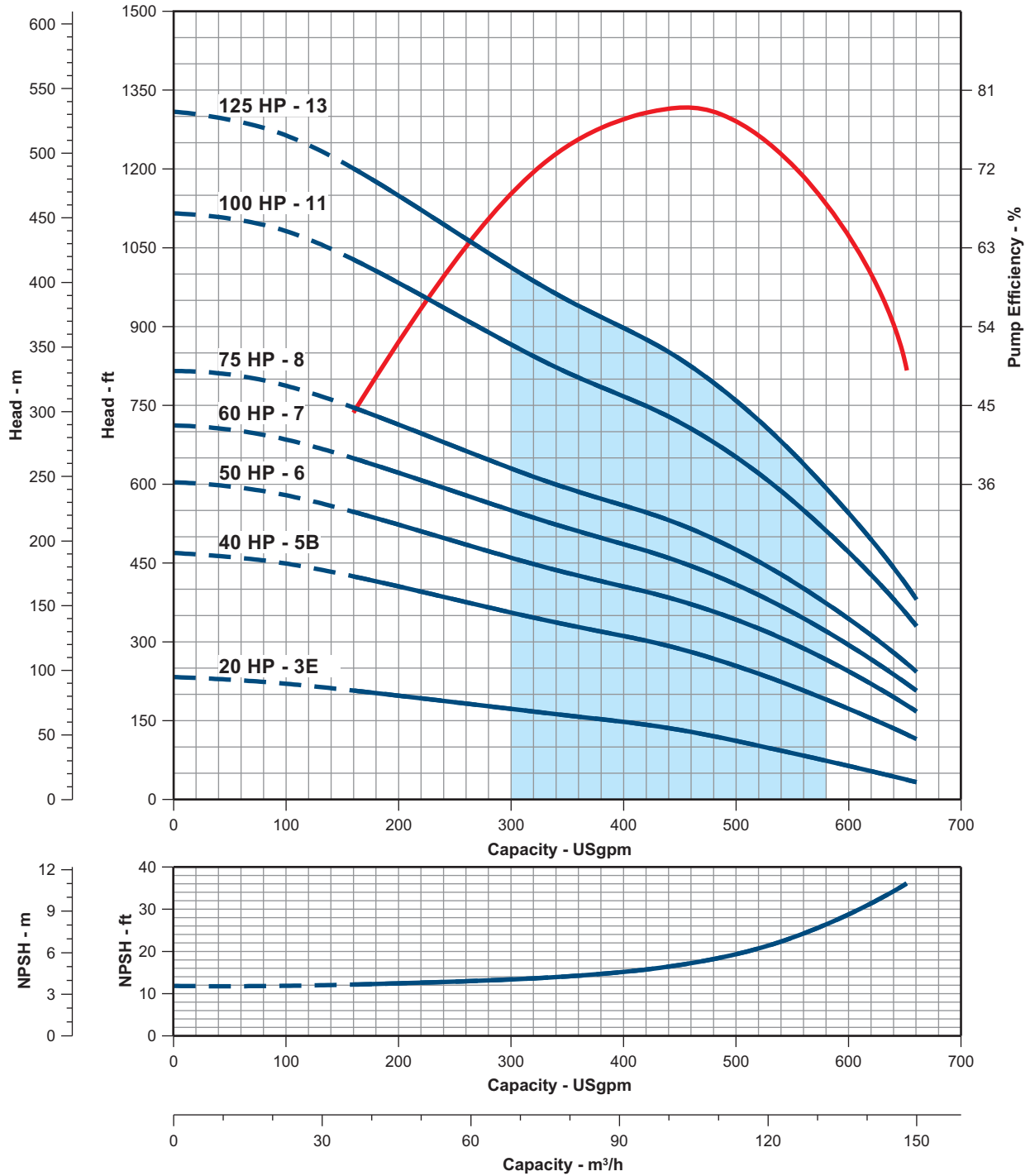
8" STAINLESS STEEL FABRICATED SUBMERSIBLE PUMPS

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.

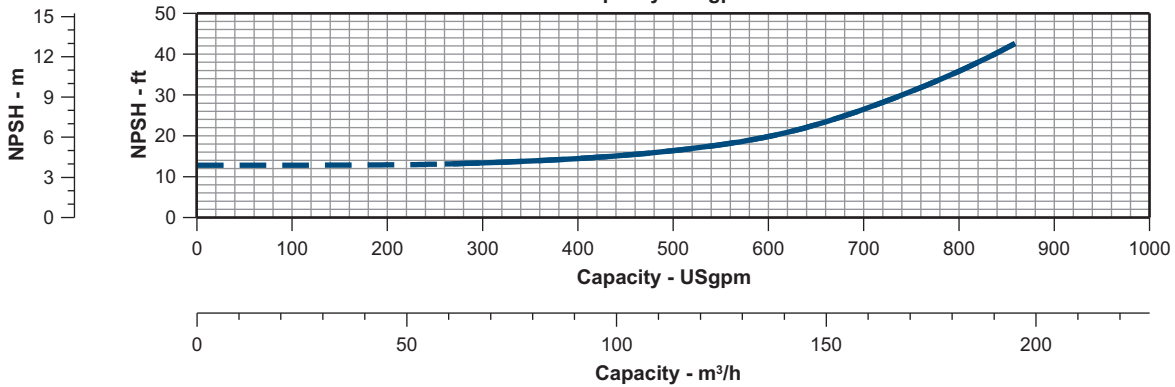
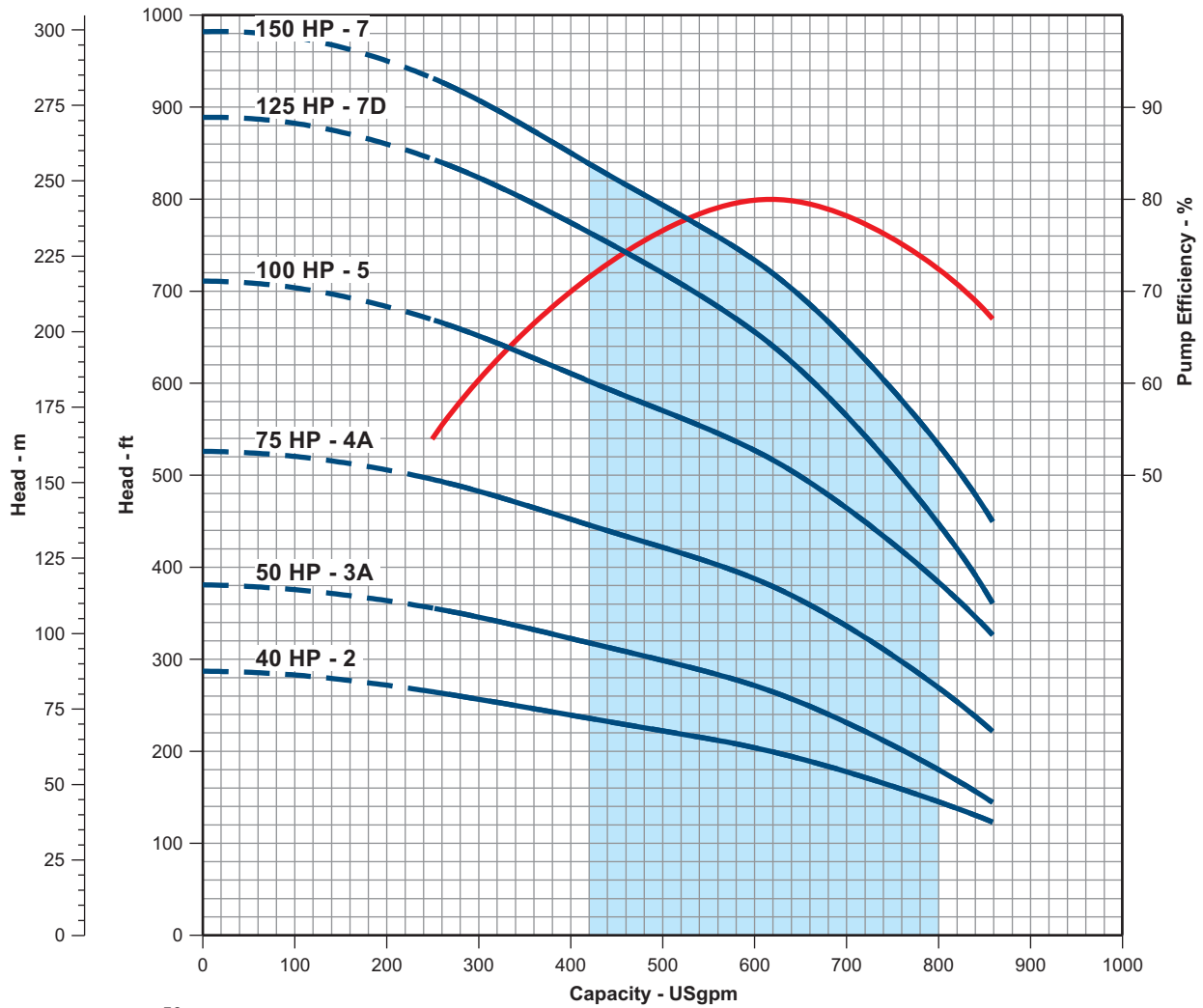
10" STAINLESS STEEL FABRICATED SUBMERSIBLE PUMPS

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.

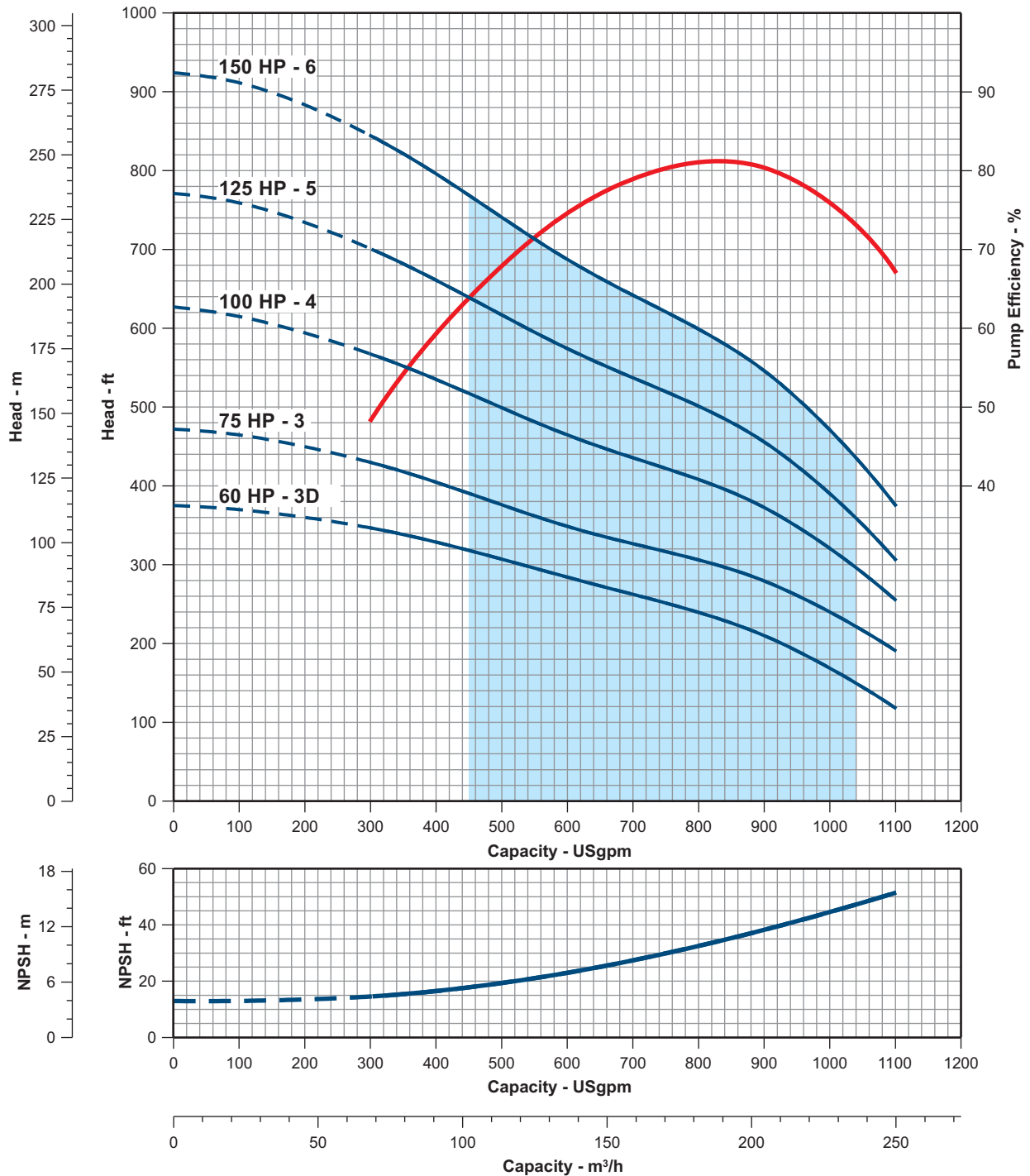
10" STAINLESS STEEL FABRICATED SUBMERSIBLE PUMPS

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.

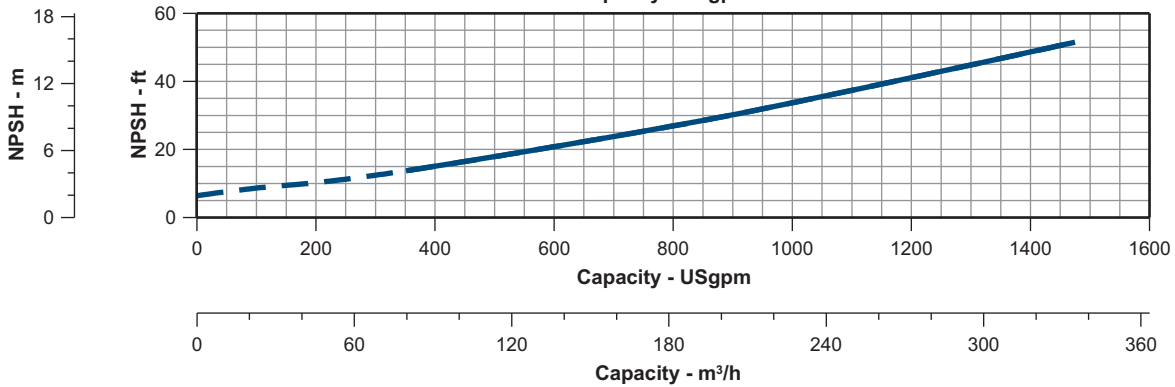
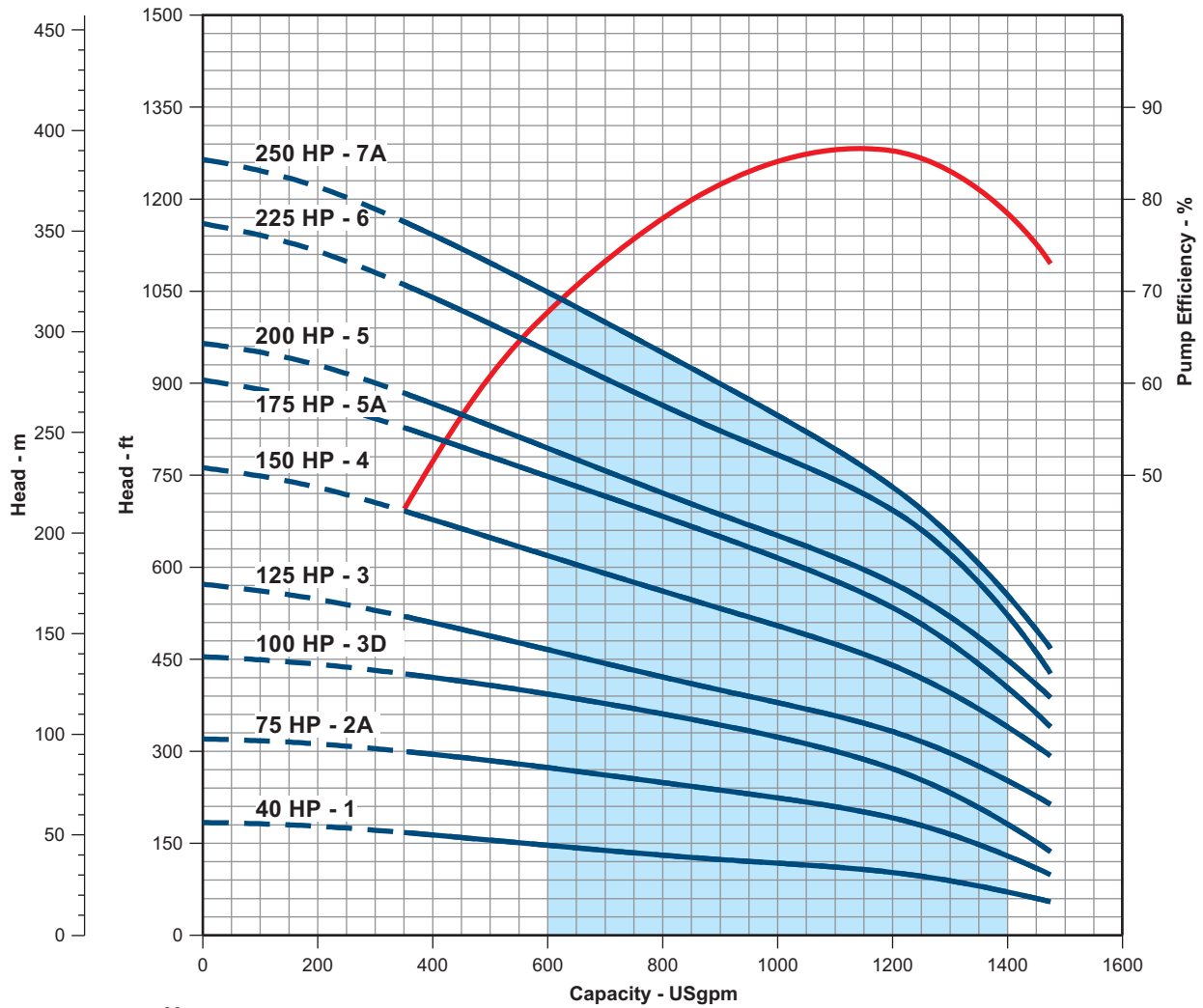
10" STAINLESS STEEL FABRICATED SUBMERSIBLE PUMPS

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	13.54	9
3/4	14	4	1¼ NPT	3.98	17.68	12
1	18	4	1¼ NPT	3.98	20.98	14
1½	27	4	1¼ NPT	3.98	28.43	19
2	36	4	1¼ NPT	3.98	37.63	23

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

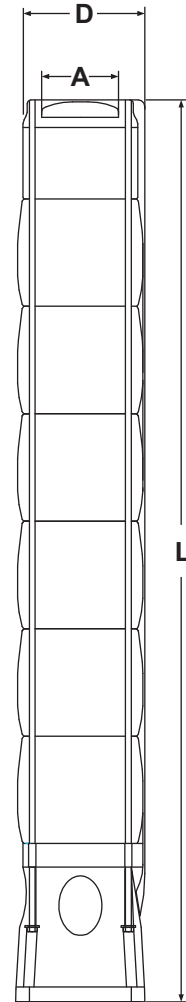
HP	STAGES	MOTOR SIZE [inch]	A [inch]	D [inch] Max. diameter across cable guard	L [inch]	WEIGHT [lbs]
1/2	9	4	1¼ NPT	3.98	13.54	9
3/4	12	4	1¼ NPT	3.98	16.02	11
1	15	4	1¼ NPT	3.98	18.50	13
1½	21	4	1¼ NPT	3.98	23.46	16
2	27	4	1¼ NPT	3.98	28.43	19

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	10.24	7
3/4	8	4	1¼ NPT	3.98	12.72	9
1	10	4	1¼ NPT	3.98	14.37	10
1½	14	4	1¼ NPT	3.98	17.68	12
2	18	4	1¼ NPT	3.98	20.98	14
3	24	4	1¼ NPT	3.98	25.94	17

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	7	4	1½ NPT	3.98	11.93	8
1½	9	4	1½ NPT	3.98	13.58	9
2	11	4	1½ NPT	3.98	15.24	10
3	15	4	1½ NPT	3.98	18.54	13
5	26	4	1½ NPT	3.98	27.64	18
7½	39	4	1½ NPT	3.98	40.12	25
10	52	4	1½ NPT	4.25	62.99	60
10	52	6	1½ NPT	5.59	65.47	60



STAINLESS STEEL FABRICATED SUBMERSIBLE PUMPS

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

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]
1½	5	4	2 NPT	3.98	16.1	11
2	7	4	2 NPT	3.98	19.41	14
3	9	4	2 NPT	3.98	22.72	16
5	15	4	2 NPT	3.98	32.64	24
7½	21	4	2 NPT	3.98	42.56	31
10	30	4	2 NPT	3.98	57.44	42
10	30	6	2 NPT	5.59	59.88	43
15	44	6	2 NPT	5.59	83.03	65
20	58*	6	2 NPT	5.59	118.62	123

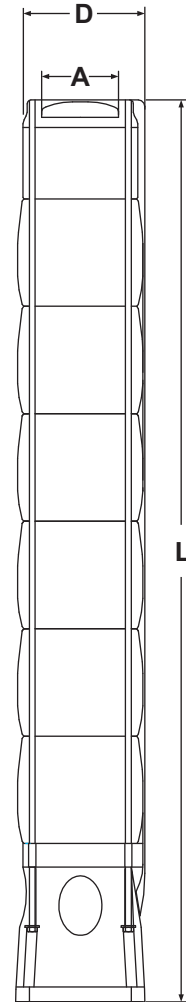
NOTE: * Mounted in sleeve construction.

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]
2	3	4	2 NPT	3.98	14.96	10
3	5	4	2 NPT	3.98	20.08	14
5	8	4	2 NPT	3.98	27.76	19
7½	12	4	2 NPT	3.98	37.99	26
7½	13	4	2 NPT	3.98	40.05	28
10	16	4	2 NPT	3.98	40.43	34
10	16	6	2 NPT	5.59	50.67	34

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]
5	4	4	3 NPT	5.16	19.49	26
7½	6	4	3 NPT	5.16	24.25	31
10	9	4	3 NPT	5.16	31.42	40
10	9	6	3 NPT	5.59	32.05	42
15	13	6	3 NPT	5.59	41.57	55
20	17	6	3 NPT	5.59	51.1	66
25	22	6	3 NPT	5.59	63.62	81



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]
7½	4	4	3 NPT	5.16	25.08	29
10	5	4	3 NPT	5.16	28.86	34
10	5	6	3 NPT	5.59	29.49	36
15	8	6	3 NPT	5.59	40.83	48
20	11	6	3 NPT	5.59	52.17	60
25	14	6	3 NPT	5.59	63.5	73
30	17	6	3 NPT	5.59	74.84	85
40	23	6	3 NPT	5.59	97.52	111
50	28*	6	3 NPT	6.89	116.42	202
60	33*	8	3 NPT	7.48	143.03	239

NOTE: * Mounted in sleeve construction.

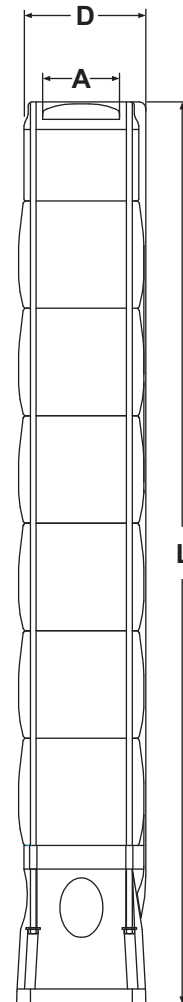
MODEL NAME: NS-A-0230 PUMP SIZE: 6" 230 GPM

HP	STAGES	MOTOR SIZE [inch]	A [inch]	D [inch] Max. diameter across cable guard	L [inch]	WEIGHT [lbs]
7½	3E	4	3 NPT	5.75	23.35	28
10	4F	4	3 NPT	5.75	27.8	33
10	4F	6	3 NPT	5.83	28.43	35
15	5C	6	3 NPT	5.83	32.87	40
20	6	6	3 NPT	5.83	37.32	46
25	7	6	3 NPT	5.83	41.77	52
30	10	6	3 NPT	5.83	55.12	68
40	13	6	3 NPT	5.83	68.46	85
50	17	6	3 NPT	5.83	89.41	107
60	20*	8	3 NPT	7.48	100.75	197

NOTE: * Mounted in sleeve construction.

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]
10	3A	6	3 NPT	5.83	23.98	30
15	4	6	3 NPT	5.83	28.43	35
20	6B	6	3 NPT	5.83	37.32	46
25	7	6	3 NPT	5.83	41.77	52
30	9B	6	3 NPT	5.83	50.6	63
40	11	6	3 NPT	5.83	59.57	73
50	14	6	3 NPT	5.83	76.18	90
60	17	8	3 NPT	7.48	87.52	106



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]
15	2	6	4 NPT	7.01	29.37	61
25	3	6	4 NPT	7.01	34.41	70
30	4	6	4 NPT	7.01	39.45	78
40	6B	6	4 NPT	7.01	49.53	96
50	7	6	4 NPT	7.01	54.57	105
60	8	8	4 NPT	7.87	60.16	113
75	10	8	4 NPT	7.87	70.24	131
100	13	8	4 NPT	7.87	85.35	244
125	15	8	4 NPT	7.87	107.24	269

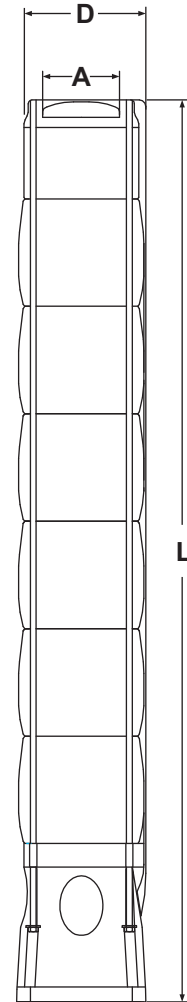
MODEL NAME: NS-A-0475 PUMP SIZE: 8" 475 GPM

HP	STAGES	MOTOR SIZE [inch]	A** [inch]	D [inch] Max. diameter across cable guard	L [inch]	WEIGHT [lbs]
20	3E	6	5 NPT	7.01	34.41	70
40	5B	6	5 NPT	7.01	44.49	87
50	6	6	5 NPT	7.01	49.53	96
60	7	8	5 NPT	7.87	55.12	105
75	8	8	5 NPT	7.87	60.16	113
100	11	8	5 NPT	7.87	75.28	219
125	13	8	5 NPT	7.87	85.35	244

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

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]
40	2	6	6 NPT	8.31	31.77	90
50	3A	6	6 NPT	8.31	37.91	104
75	4A	8	6 NPT	8.39	44.02	119
100	5	8	6 NPT	8.39	50.16	133
125	7D	8	6 NPT	8.39	62.4	235
150	7	8	6 NPT	8.39	62.4	235



STAINLESS STEEL FABRICATED SUBMERSIBLE PUMPS

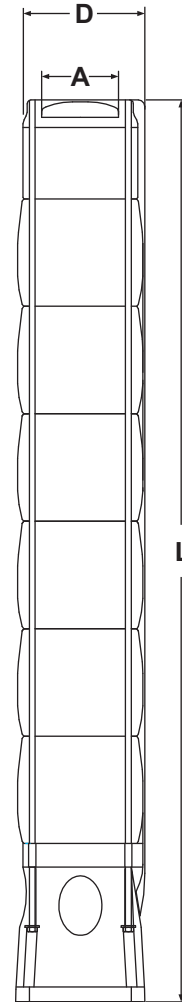
PUMP SIZE: 4", 6", 8", 10" DIMENSIONS 5 GPM to 1150 GPM

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]
60	3D	8	6 NPT	8.39	37.91	104
75	3	8	6 NPT	8.39	37.91	104
100	4	8	6 NPT	8.39	44.02	119
125	5	8	6 NPT	8.39	50.16	133
150	6	8	6 NPT	8.39	68.07	215

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]
40	1	6	6 NPT	9.29	31.1	108
75	2A	8	6 NPT	9.41	38.03	131
100	3D	8	6 NPT	9.41	44.96	223
125	3	8	6 NPT	9.41	44.96	223
150	4	8	6 NPT	9.41	51.89	252
175	5A	10	6 NPT	9.84	58.82	282
200	5	10	6 NPT	9.84	58.82	282
225	6	10	6 NPT	9.84	65.75	312
250	7A	10	6 NPT	9.84	84.49	342



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.

995/C Griffin Pond Road, Clarks Summit, PA 18411, USA
Phone : +1-570-659-7200, Email : sales@northam-inc.com