



Stainless steel Submersible Pumps for 4", 6", 8" & 10"

**"Experience the Difference,
The Ultimate Choice for Your Water Needs!"**

60 Hz

○ ABOUT NIAGARA STAINLESS STEEL FABRICATED PUMPS

NIAGARA Sheet Metal SS Submersible Pump are specially designed, with the use of latest manufacturing techniques. Years of experience, superior design and better manufacturing techniques have resulted into development of this range of pumps, which are efficient and reliable in operation. Strict quality assurance standards during the total process assure trouble free and reliability in operation requiring minimum maintenance. The pump range consist of many pump sizes is available with an optional number of stages to match any duty point.

○ SPECIAL FEATURES OF PUMPS

- Low weight high efficiency
- Suction Case, stage casing and discharge chambers are made by stainless steel (AISI 304 Grade) from sheet metal so rust free and long service life
- Bearing bush is made of anti friction rubber to withstand wear resistance.
- Mixed flow impellers & bowl made from stainless steel (AISI 304 Grade).
- Non return Valve made in stainless steel (AISI 304 Grade). The valve casing is designed for optimum hydraulic properties to minimize the pressure loss across the valve and, thus, contributes to the high efficiency of the pump.
- All bearings are water- lubricated and have a square shape, enabling sand particles, if any, to leave the pump together with the pumped liquid.
- The inlet strainer prevents particles over a certain size from entering the pump.
- Stop Ring which is designed as thrust bearings limits axial movements of pump shaft.
- Pump motor coupling is according to NEMA standard.
- Suitable to 4" , 6 " & 8" Submersible Motor.

○ STANDARD SPECIFICATION :

- Operating Limit in 60 hz
Capacity : maximum 215m³/h
Head : Maximum 540 Mtr.
Liquid Temperature : 0°C bis +60° C
Send Content : max. 60g/m³
- Starting Per hour : Max 15 to 20
- Normal Outlet Size : 1.25", 1.5", 2", 2.5", 3", 4", 5" & 6"
- Immersion : 1 Mtr minimum
- Pumped liquid : Clean Free from solid chemically natural and close to the characteristics of water

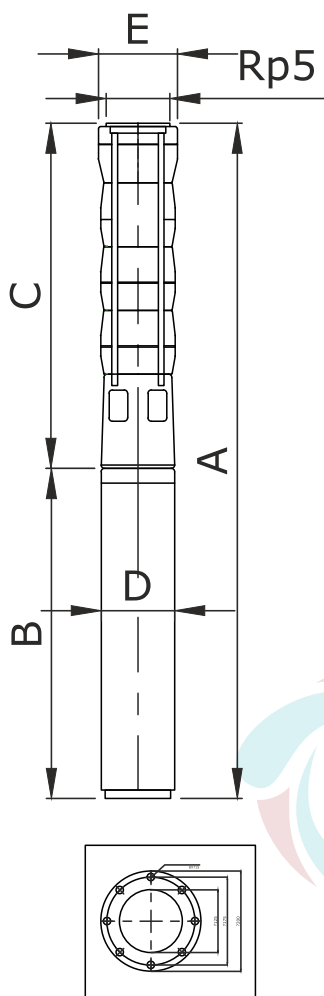
○ APPLICATION

- Irrigation and Drip Irrigation
- Sprinkler, Gardening and Nursery
- Domestic water supply.
- Bungalows.
- Housing complexes
- Ornamental fountains
- Small farms
- Industrial water supply schemes
- Fire Fighting Systems

NP 77 SERIES

Technical Data

60 Hz / 3500 RPM



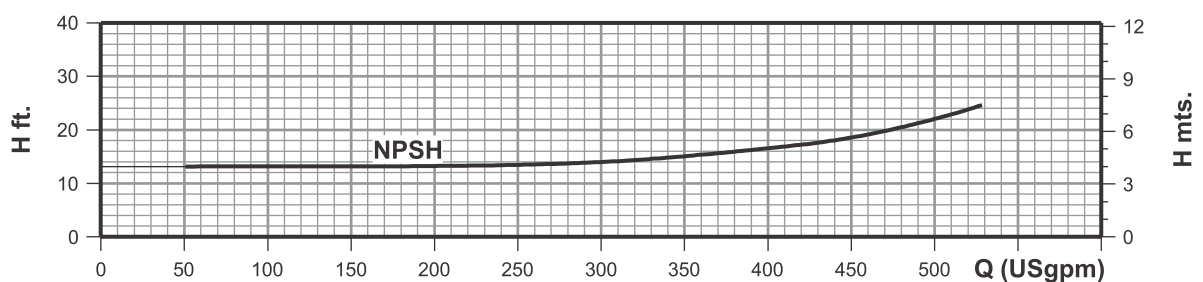
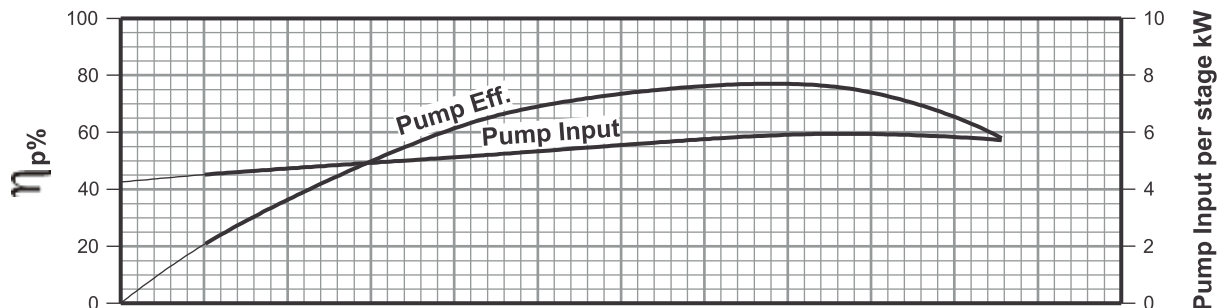
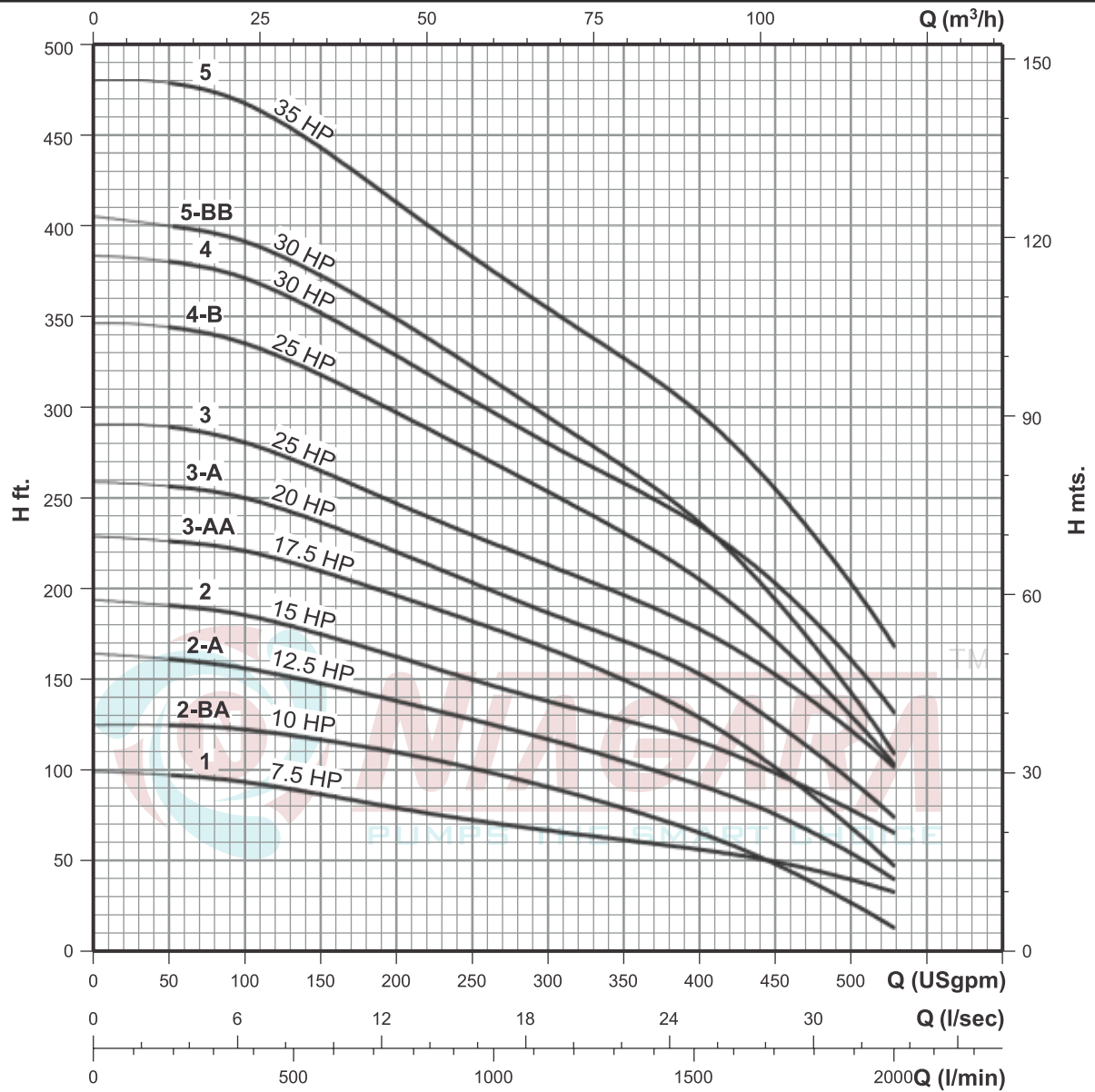
Pump Type	MOTOR TYPE	Motor Rating		DIMENSION IN MM							NET WEIGHT	
				C	B	A		D	E*	E**	PUMP	MOTOR
		Kw	HP			3X400 V	1X230 V					
NP 77-1	6 WF CI 75	5.5	7.5	618	675	-	1293	142	178	186	22	41
NP 77-2/BA	6 WF CI 10	7.5	10	746	705	-	1451	142	178	186	26	44
NP 77-2-A	6 WF CI 12	9.3	12.5	746	755	-	1501	142	178	186	26	49
NP 77-2	6 WF CI 15	11	15	746	795	-	1541	142	178	186	26	54
NP 77-3-AA	6 WFT CI 17	13	17.5	874	855	-	1729	142	178	186	30	66
NP 77-3-A	6 WFT CI 20	15	20	874	885	-	1759	142	178	186	30	70
NP 77-3	6 WFT CI 25	18.5	25	874	955	-	1829	142	178	186	30	77
NP 77-4-B	6 WFT CI 25	18.5	25	1003	955	-	1958	142	178	186	34	77
NP 77-4	6 WFT CI 30	22	30	1003	1015	-	2018	142	178	186	34	84
NP 77-5-BB	6 WFT CI 30	22	30	1131	1015	-	2146	142	178	186	38	84
NP 77-5	6 WFT CI 35	26	35	1131	1075	-	2206	142	178	186	38	91
NP 77-6-B	6 WFT CI 40	30	40	1259	1155	-	2414	142	178	186	42	100
NP 77-6	6 WFT CI 50	37	50	1259	1205	-	2464	142	178	186	42	107
NP 77-7	6 WFT CI 50	37	50	1387	1205	-	2592	142	178	186	46	107
NP 77-8	8 WFT CI 60	45	60	1515	1310	-	2825	188	205	205	50	170
NP 77-9	8 WFT CI 75	55	75	1643	1360	-	3003	188	205	205	54	180
NP 77-10	8 WFT CI 75	55	75	1771	1360	-	3131	188	205	205	60	180
NP 77-11	8 WFT CI 90	66	90	1899	1420	-	3319	188	205	205	64	189
NP 77-12	8 WFT CI 90	66	90	2027	1420	-	3447	188	205	205	68	189
NP 77-13	8 WFT CI 100	75	100	2155	1470	-	3625	188	205	205	72	226
NP 77-14	8 WFT CI 125	93	125	2283	1610	-	3893	188	205	205	76	241
NP 77-15	8 WFT CI 125	93	125	2411	1610	-	4021	188	205	205	80	241

*Maximum Diameter of Pump With One Motor Cable Guard

**Maximum Diameter of Pump With Two Motor Cable Guard

60 Hz / 3500 RPM
PERFORMANCE TABLE

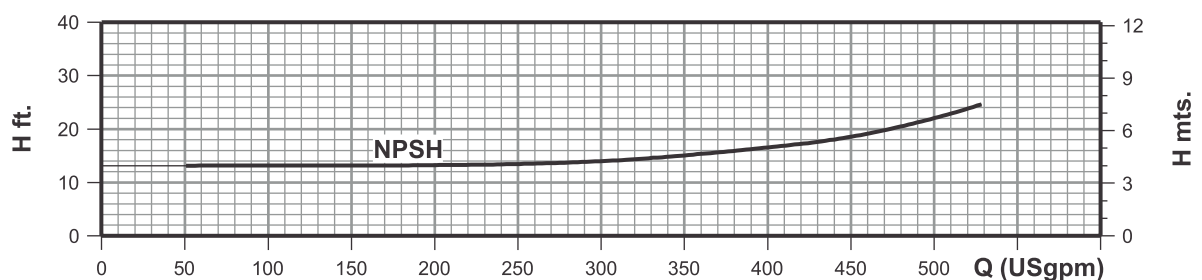
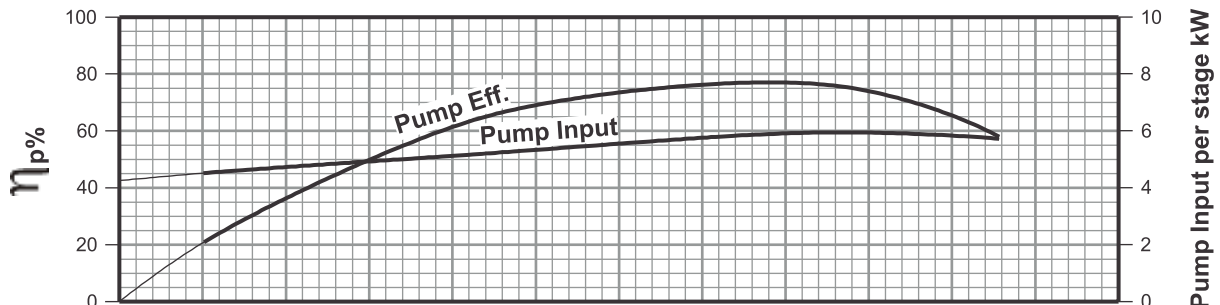
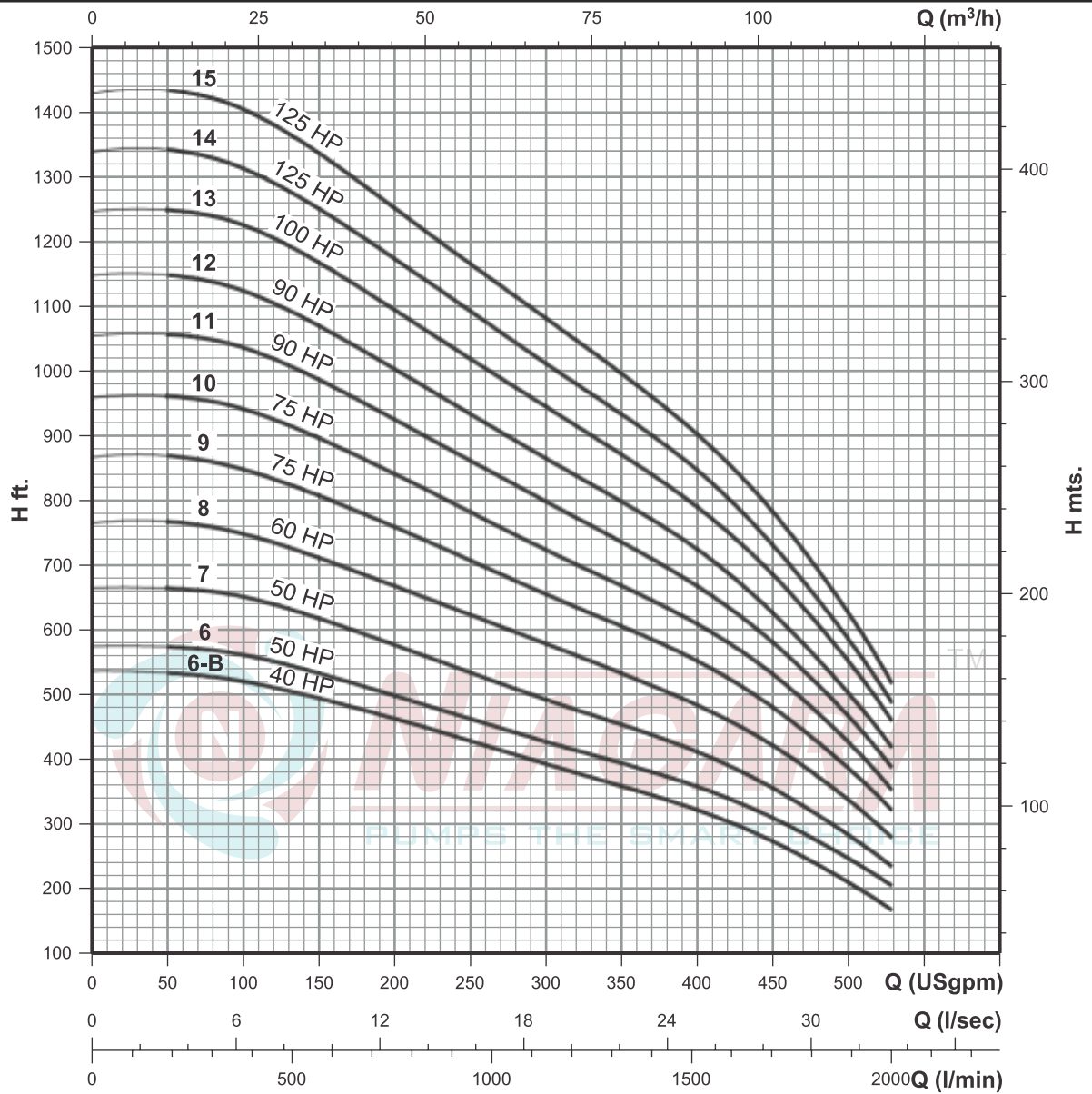
NP-77		Capacity												Out Let Size : 125 MM	
Pump Type	Motor Rating		HEAD IN METER	Gpm	0.0	44	88.0	220	308	396	440	528			
				Lps	0.00	2.78	5.55	13.88	19.45	25.00	27.78	33.33			
				M3/hr	0.0	10.0	20.0	50.0	70.0	90.0	100.0	120.0			
				Kw	HP	Lpm	0	167	333	833	1167	1500	1667	2000	
	NP 77-1	5.5	7.5		30	30	29	23	20	17	16	10			
NP 77-2/BA	7.5	10		38	38	37	32	27	20	16	4				
NP 77-2-A	9.3	12.5		50	49	48	41	35	28	24	12				
NP 77-2	11	15		59	58	57	48	41	35	31	20				
NP 77-3-AA	13	17.5		70	69	68	58	50	40	33	14				
NP 77-3-A	15	20		79	78	77	65	56	47	40	22				
NP 77-3	18.5	25		88	88	86	73	64	55	48	31				
NP 77-4-B	18.5	25		105	105	103	88	76	63	54	31				
NP 77-4	22	30		117	116	114	97	84	72	64	40				
NP 77-5-BB	22	30		123	122	120	103	88	73	62	33				
NP 77-5	26	35		146	146	144	122	106	91	80	51				
NP 77-6-B	30	40		163	163	160	137	118	99	87	51				
NP 77-6	37	50		175	175	173	148	129	110	98	62				
NP 77-7	37	50		202	202	200	170	148	126	112	72				
NP 77-8	45	60		233	234	230	198	174	148	133	85				
NP 77-9	55	75		264	265	261	225	197	169	151	98				
NP 77-10	55	75		292	293	289	249	218	187	167	108				
NP 77-11	66	90		321	322	318	274	240	205	183	118				
NP 77-12	66	90		350	350	345	297	260	223	197	127				
NP 77-13	75	100		379	380	376	324	284	243	215	140				
NP 77-14	93	125		408	409	403	347	304	260	230	148				
NP 77-15	93	125		435	437	431	371	325	277	246	158				



NP 77 SERIES

PERFORMANCE CURVE

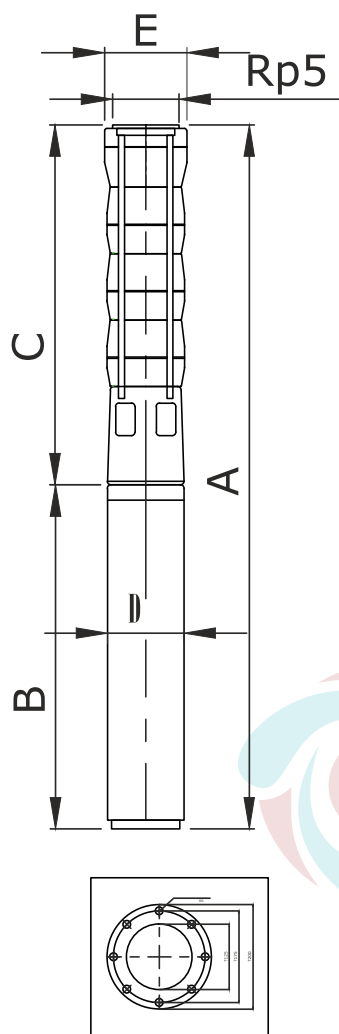
60 Hz / 3500 RPM



NP 95 SERIES

Technical Data

60 Hz / 3500 RPM



Pump Type	MOTOR TYPE	Motor Rating		DIMENSION IN MM							NET WEIGHT	
				C	B	A		D	E*	E**	PUMP	MOTOR
						1X230 V	3X400 V					
		Kw	HP		3X400 V							3X400 V
NP95-1-A	6 WFT CI 75	5.5	7.5	618	675	-	1293	142	178	186	22	41
NP95-1	6 WFT CI 10	7.5	10	618	705	-	1323	142	178	186	22	44
NP95-2-AB	6 WFT CI 12	9.3	12.5	746	755	-	1501	142	178	186	26	49
NP95-2-B	6 WFT CI 15	11	15	746	795	-	1541	142	178	186	26	54
NP95-2	6 WFT CI 17	13	17.5	746	855	-	1601	142	178	186	26	66
NP95-3-BB	6 WFT CI 20	15	20	874	885	-	1759	142	178	186	30	70
NP95-3-B	6 WFT CI 25	18.5	25	874	955	-	1829	142	178	186	30	77
NP95-3	6 WFT CI 30	22	30	874	1015	-	1889	142	178	186	30	84
NP95-4-AB	6 WFT CI 30	22	30	1003	1015	-	2018	142	178	186	34	84
NP95-4	6 WFT CI 35	26	35	1003	1075	-	2078	142	178	186	34	91
NP95-5-B	6 WFT CI 40	30	40	1131	1155	-	2286	142	178	186	38	100
NP95-5	6 WFT CI 50	37	50	1131	1205	-	2336	142	178	186	38	107
NP95-6	6 WFT CI 50	37	50	1259	1205	-	2464	142	178	186	42	107
NP95-7	8 WFT CI 60	45	60	1387	1310	-	2697	188	205	205	46	170
NP95-8	8 WFT CI 75	55	75	1515	1360	-	2875	188	205	205	50	180
NP95-9	8 WFT CI 90	66	90	1643	1420	-	3063	188	205	205	54	189
NP95-10	8 WFT CI 90	66	90	1771	1420	-	3191	188	205	205	60	189
NP95-11	8 WFT CI 100	75	100	1899	1470	-	3369	188	205	205	64	226
NP95-12	8 WFT CI 125	93	125	2027	1610	-	3637	188	205	205	68	241
NP95-13	8 WFT CI 125	93	125	2155	1610	-	3765	188	205	205	72	241

*Maximum Diameter of Pump With One Motor Cable Guard

**Maximum Diameter of Pump With Two Motor Cable Guard

60 Hz / 3500 RPM

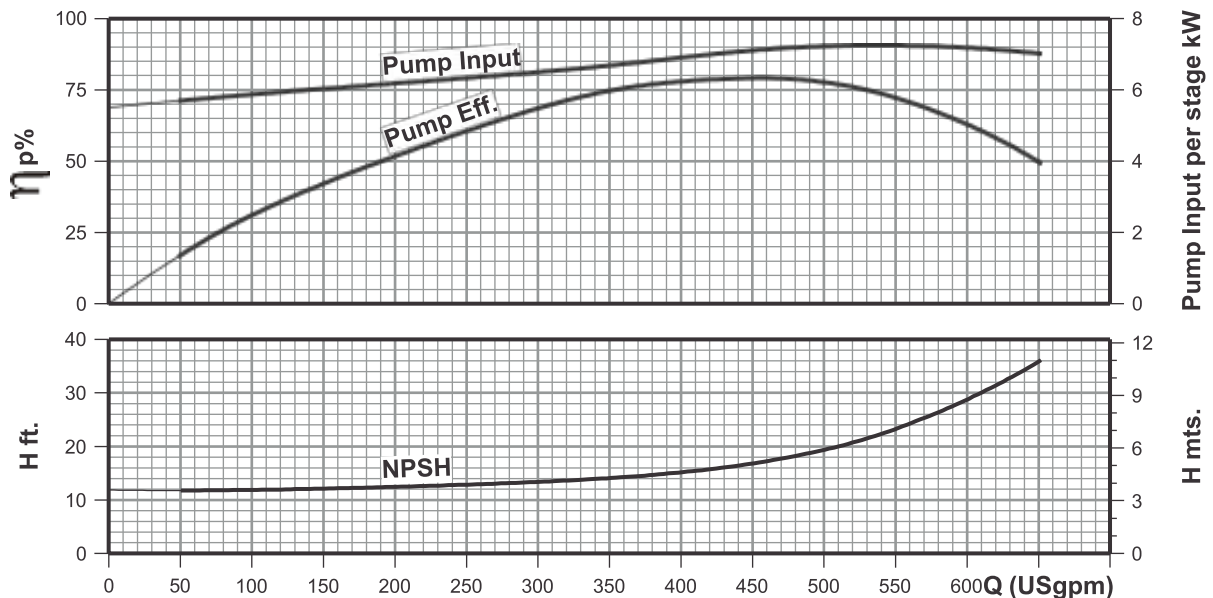
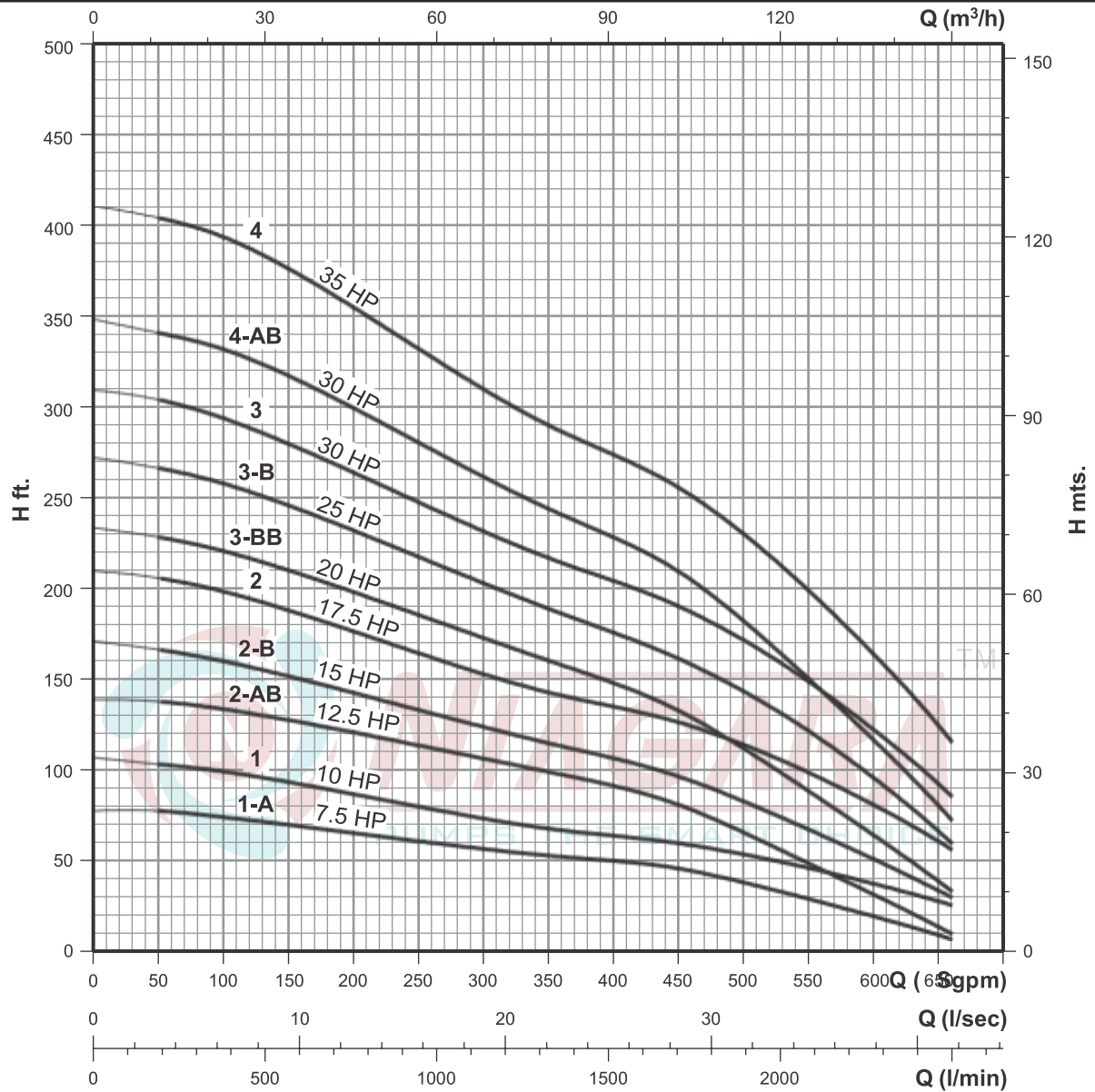
PERFORMANCE TABLE

NP-95		Capacity										Out Let Size : 125 MM	
Pump Type	Motor Rating		HP	HEAD IN METER									
			Kw	Gpm	0.0	44	88	352	440	528	660		
	Lps	0.00	2.78	5.55	22.22	27.78	33.33	41.67					
	M3/hr	0.0	10.0	20.0	80.0	100.0	120.0	150.0					
	Lpm	0	167	333	1333	1667	2000	2500					
NP95-1-A	5.5	7.5	23	23	23	23	16	14	10	2			
NP95-1	7.5	10	33	31	30	20	18	15	8				
NP95-2-AB	9.3	12.5	42	42	41	30	25	17	3				
NP95-2-B	11	15	52	51	49	35	30	23	9				
NP95-2	13	17.5	64	63	61	43	39	32	17				
NP95-3-BB	15	20	71	70	68	48	41	30	10				
NP95-3-B	18.5	25	83	81	79	57	50	40	18				
NP95-3	22	30	94	93	90	66	59	48	26				
NP95-4-AB	22	30	106	104	102	74	65	50	22				
NP95-4	26	35	125	123	121	88	79	65	35				
NP95-5-B	30	40	143	141	138	101	89	71	35				
NP95-5	37	50	155	153	150	110	99	83	45				
NP95-6	37	50	184	182	178	131	117	97	51				
NP95-7	45	60	217	215	211	157	140	116	63				
NP95-8	55	75	248	247	242	180	162	135	74				
NP95-9	66	90	280	277	272	202	182	150	83				
NP95-10	66	90	308	307	300	223	201	166	90				
NP95-11	75	100	340	337	332	247	222	185	101				
NP95-12	93	125	370	367	360	267	241	200	108				
NP95-13	93	125	399	395	388	289	259	215	116				

NP 95 SERIES

PERFORMANCE CURVE

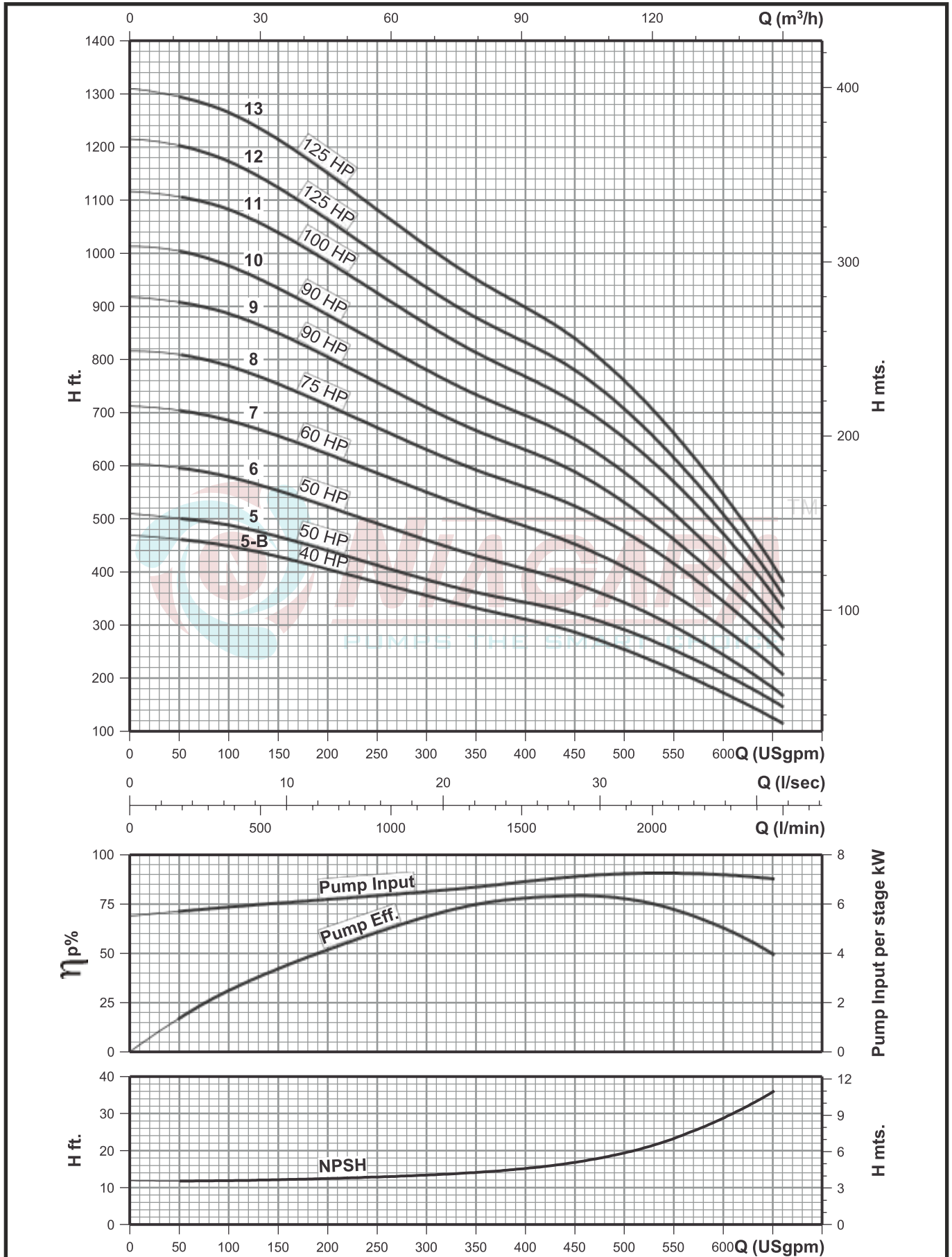
60 Hz / 3500 RPM



NP 95 SERIES

PERFORMANCE CURVE

60 Hz / 3500 RPM



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Thank you.

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