



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

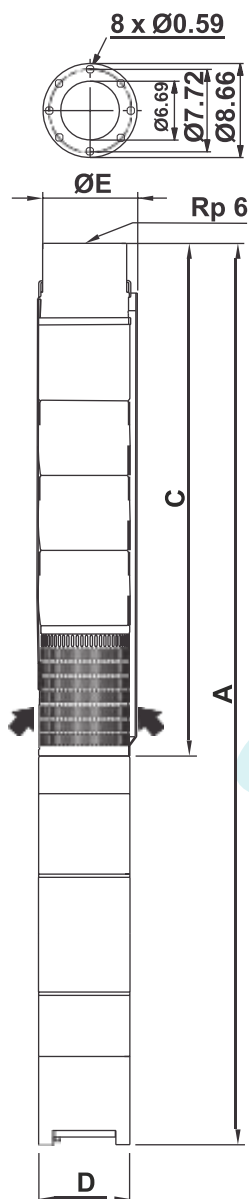
○ APPLICATION

- 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 125 SERIES

Technical Data

60 Hz / 3500 RPM



Pump Type	MOTOR TYPE	Motor Rating		DIMENSION IN MM						PUMP GROSS W IN Kg.	NET W IN Kg. MOTOR
				C	B	A	D	E*	E**		3X400 V
		Kw	HP		3X400 V	3X400 V					
NP125/1-A	6 WF CI 15	11	15	652	795	1447	142	211	211	46	54
NP125/1	6 WFT CI 25	18.5	25	652	955	1607	142	211	211	46	77
NP125/2-AA	6 WFT CI 30	22	30	807	1015	1822	142	211	211	52	84
NP125/2-A	6 WFT CI 35	26	35	807	1075	1882	142	211	211	52	91
NP125/2	6 WFT CI 40	30	40	807	1155	1962	142	211	211	52	100
NP125/3-AA	6 WFT CI 50	37	50	963	1205	2168	142	211	211	59	107
NP125/3-A	6 WFT CI 50	37	50	963	1205	2168	142	211	211	59	107
NP125/3	8 WFT CI 60	45	60	963	1310	2273	190	213	213	59	170
NP125/4-AA	8 WFT CI 75	55	75	1118	1360	2478	190	213	213	66	180
NP125/4-A	8 WFT CI 75	55	75	1118	1360	2478	190	213	213	66	180
NP125/4	8 WFT CI 90	66	90	1118	1420	2538	190	213	213	66	189
NP125/5-AA	8 WFT CI 100	75	100	1274	1470	2744	190	213	213	75	226
NP125/5-A	8 WFT CI 100	75	100	1274	1470	2744	190	213	213	75	226
NP125/5	8 WFT CI 100	75	100	1274	1470	2744	190	213	213	75	226
NP125/6-AA	8 WFT CI 100	75	100	1429	1470	2899	190	213	213	82	226
NP125/6-A	8 WFT CI 125	93	125	1429	1610	3039	190	213	213	82	241
NP125/6	8 WFT CI 125	93	125	1429	1610	3039	190	213	213	82	241
NP125/7-AA	8 WFT CI 125	93	125	1585	1610	3195	190	213	213	89	241
NP125/7-A	8 WFT CI 125	93	125	1585	1610	3195	190	213	213	89	241
NP125/7	8 WFT CI 150	110	150	1585	1740	3325	190	213	213	89	270
NP125/8	10 WFT CI 180	135	180	2092	1825	3917	240	240	240	98	282
NP125/9	10 WFT CI 180	135	180	2248	1825	4073	240	240	240	105	282
NP125/10	10 WFT CI 200	150	200	2403	1865	4268	240	240	240	112	290
NP125/11	10 WFT CI 225	165	225	2559	1915	4474	240	240	240	121	301
NP125/12	10 WFT CI 250	185	250	2793	1965	4758	240	240	240	127	311
NP125/13	10 WFT CI 250	185	250	2948	1965	4913	240	240	240	134	311

*Maximum Diameter of Pump With One Motor Cable Guard

**Maximum Diameter of Pump With Two Motor Cable Guard

60 Hz / 3500 RPM

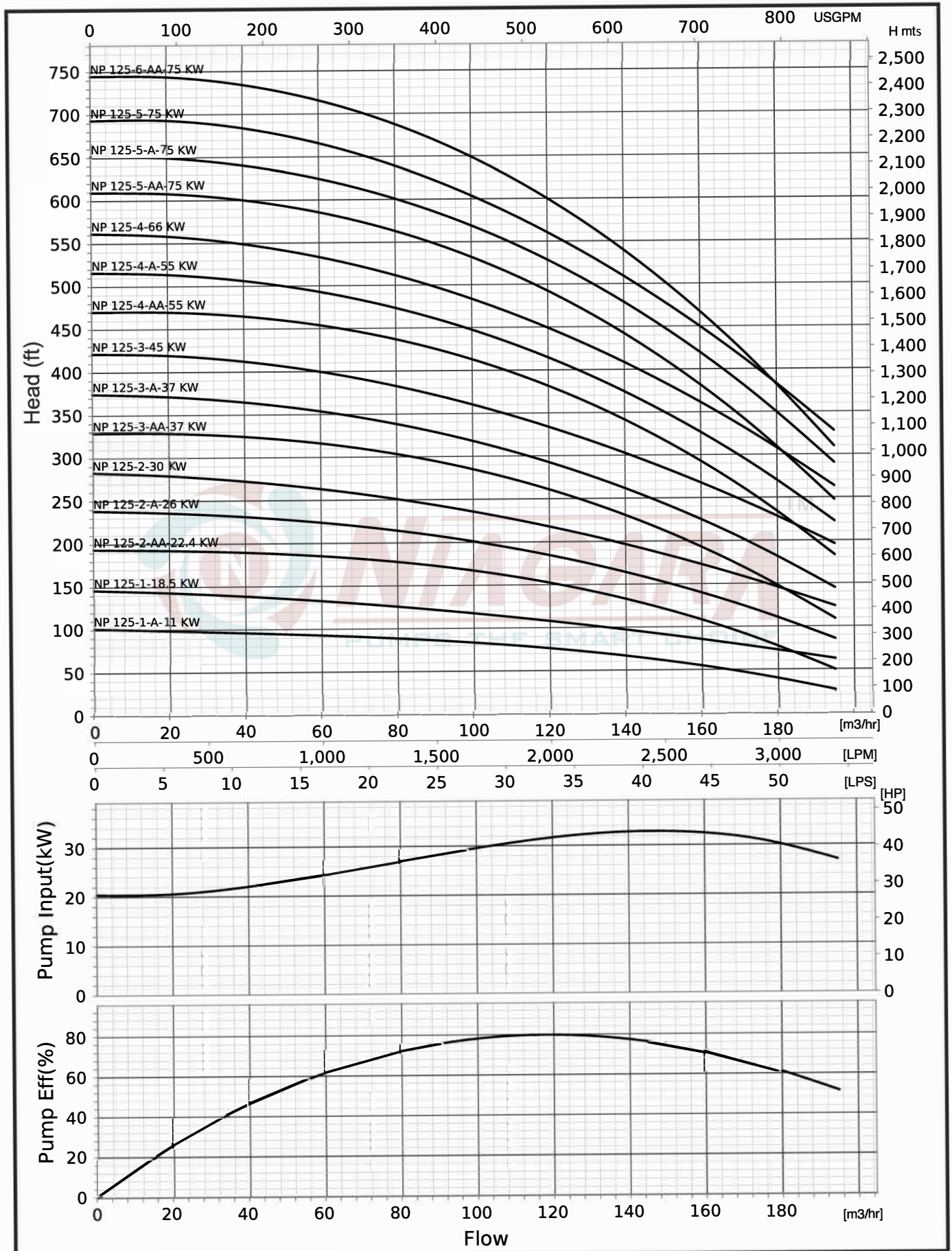
PERFORMANCE TABLE

NP-125 60Hz			Capacity										Out Let Size : 150 MM	
Pump Type	Motor Rating	Kw	HP	Gpm	0.0	88.0	264.2	440.4	616.6	858.8				
				Lps	0.00	5.55	16.67	27.78	38.90	54.18				
	M3/hr			0.0	20.0	60.0	100.0	140.0	195.0					
	Lpm			0	333	1000	1667	2334	3251					
	HEAD IN METER										8			
NP125/1-A	11	15		30	31	28	25	21	8					
NP125/1	18.5	25		44	44	41	35	30	19					
NP125/2-AA	22	30		58	60	56	50	41	15					
NP125/2-A	26	35		72	73	68	60	51	26					
NP125/2	30	40		85	87	80	71	61	38					
NP125/3-AA	37	50		99	102	96	85	72	33					
NP125/3-A	37	50		113	115	108	95	81	44					
NP125/3	45	60		127	130	122	108	94	59					
NP125/4-AA	55	75		142	145	138	124	106	55					
NP125/4-A	55	75		156	159	150	134	116	67					
NP125/4	66	90		170	173	163	145	127	80					
NP125/5-AA	75	100		184	188	178	160	137	75					
NP125/5-A	75	100		197	201	190	171	148	88					
NP125/5	75	100		209	215	202	181	158	99					
NP125/6-AA	75	100		225	230	218	195	167	94					
NP125/6-A	93	125		238	243	230	205	177	105					
NP125/6	93	125		252	255	241	215	188	117					
NP125/7-AA	93	125		265	270	255	230	196	110					
NP125/7-A	93	125		278	283	267	239	207	122					
NP125/7	110	150		293	298	282	252	220	137					
NP125/8	135	180		337	344	326	292	256	163					
NP125/9	135	180		379	385	365	326	287	182					
NP125/10	150	200		422	430	408	365	321	205					
NP125/11	165	225		464	472	450	402	355	226					
NP125/12	185	250		500	509	482	430	375	233					
NP125/13	185	250		540	549	520	461	401	247					

NP 125 SERIES

PERFORMANCE CURVE

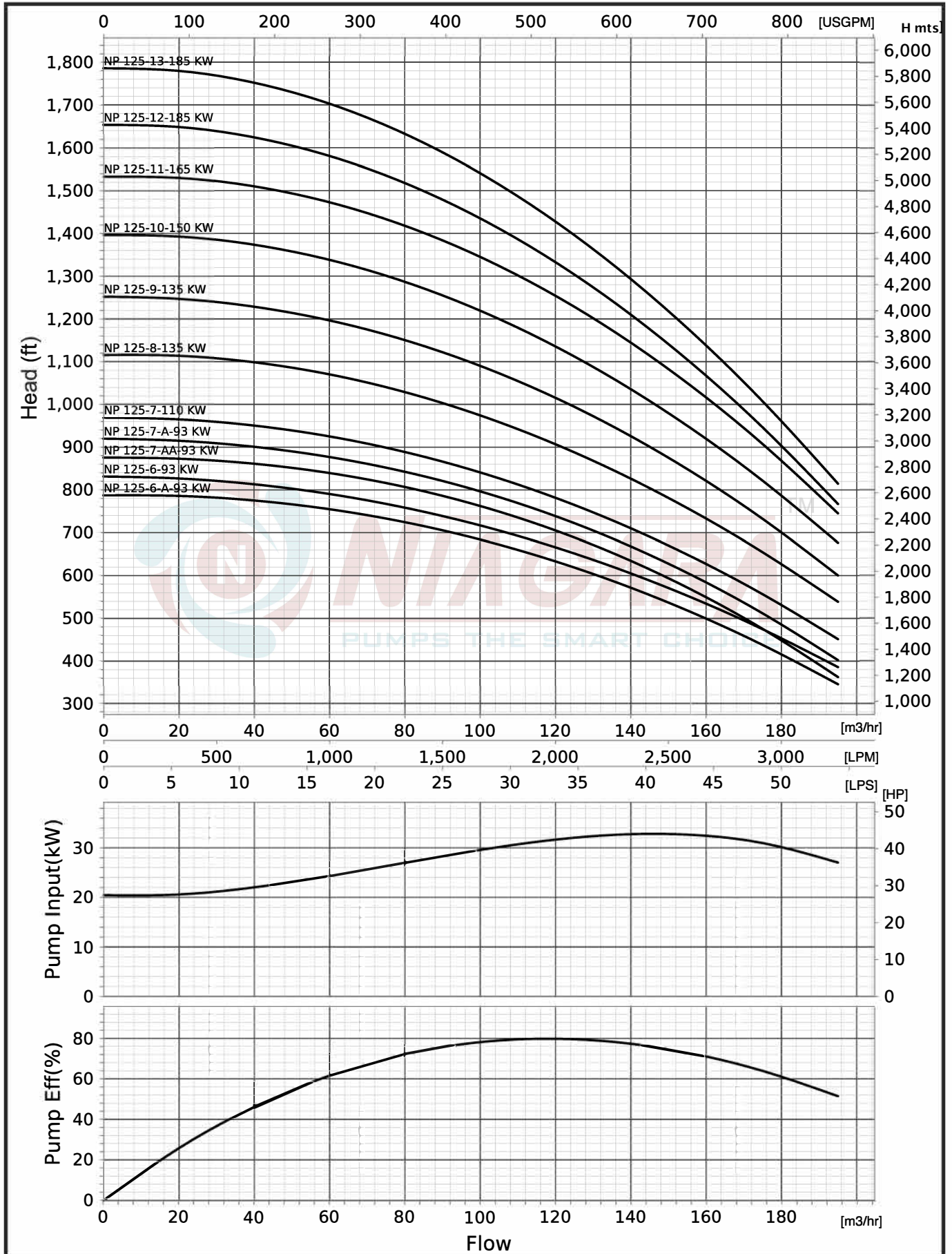
60 Hz / 3500 RPM



NP 125 SERIES

PERFORMANCE CURVE

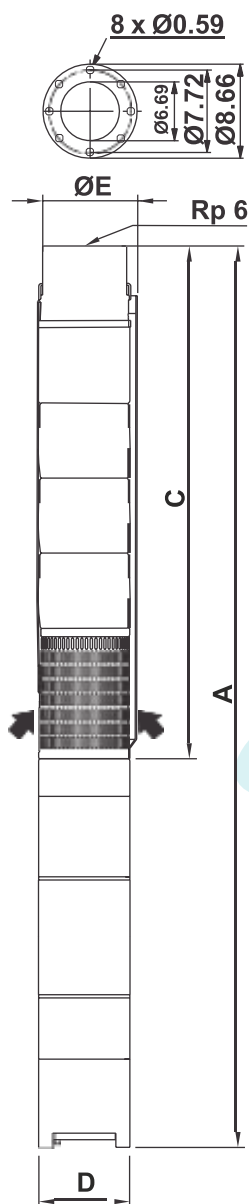
60 Hz / 3500 RPM



NP 160 SERIES

Technical Data

60 Hz / 3500 RPM



Pump Type	MOTOR TYPE	Motor Rating		DIMENSION IN MM						PUMP GROSS W IN Kg.	NET W IN Kg. MOTOR
				C	B	A	D	E*	E**		
		Kw	HP			3X400 V					3X400 V
NP160/1-A	6 WFT CI 20	15	20	652	885	1537	142	211	211	46	70
NP160/1	6 WFT CI 30	22	30	652	1015	1667	142	211	211	46	84
NP160/2-AA	6 WFT CI 35	26	35	807	1075	1882	142	211	211	52	91
NP160/2-A	6 WFT CI 50	37	50	807	1205	2012	142	211	211	52	107
NP160/2	6 WFT CI 50	37	50	807	1205	2012	142	211	211	52	107
NP160/3-AA	8 WFT CI 60	45	60	963	1310	2273	190	213	213	59	170
NP160/3-A	8 WFT CI 75	55	75	963	1360	2323	190	213	213	59	180
NP160/3	8 WFT CI 75	55	75	963	1360	2323	190	213	213	59	180
NP160/4-AA	8 WFT CI 90	66	90	1118	1420	2538	190	213	213	66	189
NP160/4-A	8 WFT CI 100	75	100	1118	1470	2588	190	213	213	66	226
NP160/4	8 WFT CI 100	75	100	1118	1470	2588	190	213	213	66	226
NP160/5-AA	8 WFT CI 125	93	125	1274	1610	2884	190	213	213	75	241
NP160/5-A	8 WFT CI 125	93	125	1274	1610	2884	190	213	213	75	241
NP160/5	8 WFT CI 125	93	125	1274	1610	2884	190	213	213	75	241
NP160/6	8 WFT CI 150	110	150	1729	1740	3469	190	213	213	82	270
NP160/7	10 WFT CI 180	135	180	1937	1825	3762	240	240	240	89	282
NP160/8	10 WFT CI 200	150	200	2092	1865	3957	240	240	240	98	290
NP160/9	10 WFT CI 225	165	225	2248	1915	4163	240	240	240	105	301
NP160/10	10 WFT CI 250	185	250	2482	1965	4447	240	240	240	112	311

*Maximum Diameter of Pump With One Motor Cable Guard

**Maximum Diameter of Pump With Two Motor Cable Guard

60 Hz / 3500 RPM

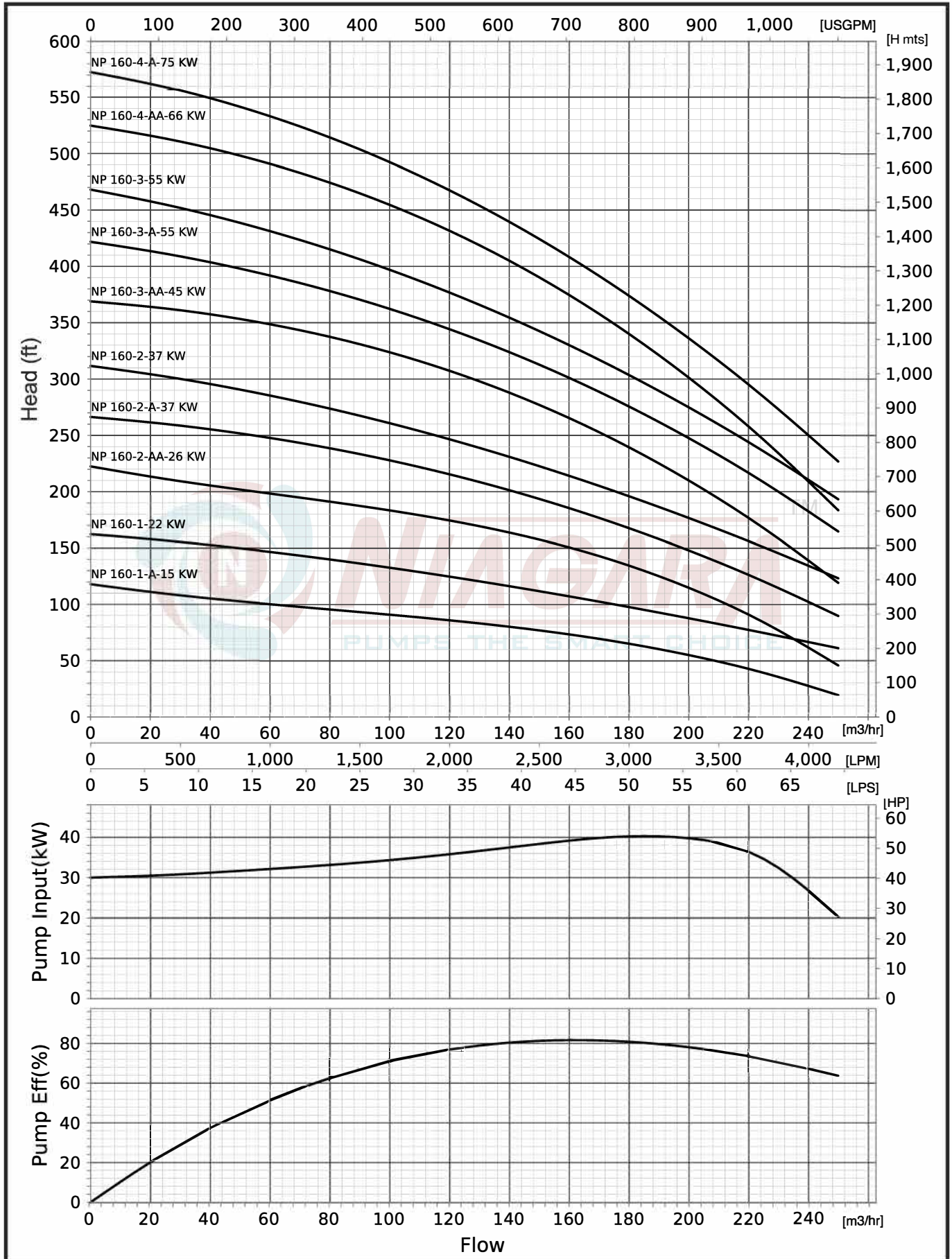
PERFORMANCE TABLE

NP-160 60Hz		Out Let Size : 150 MM									
Pump Type	Motor Rating	Capacity									
		Gpm	0.0	88.0	352.1	616.6	880.8	1101.1			
		Lps	0.00	5.55	22.22	38.90	55.57	69.47			
		M3/hr	0.0	20.0	80.0	140.0	200.0	250.0			
Pump Type	Kw	HP	0	333	1333	2334	3334	4168			
	15	20	35	35	29	24	17	6			
	22	30	49	49	43	34	28	18			
	26	35	67	66	58	49	36	14			
	37	50	80	81	73	59	47	27			
	37	50	94	94	84	68	56	37			
	45	60	111	113	103	86	66	36			
	55	75	127	128	116	96	78	49			
	55	75	141	142	127	105	87	58			
	66	90	158	160	145	120	95	55			
	75	100	173	174	158	130	106	68			
	75	100	187	188	168	140	116	77			
	93	125	203	205	185	155	123	74			
	93	125	217	219	197	164	133	84			
	93	125	230	232	208	173	142	93			
	110	150	276	279	250	207	170	114			
	135	180	324	328	295	246	203	138			
	150	200	371	375	339	283	234	159			
	165	225	418	422	380	318	264	179			
	185	250	456	461	413	344	280	184			

NP 160 SERIES

PERFORMANCE CURVE

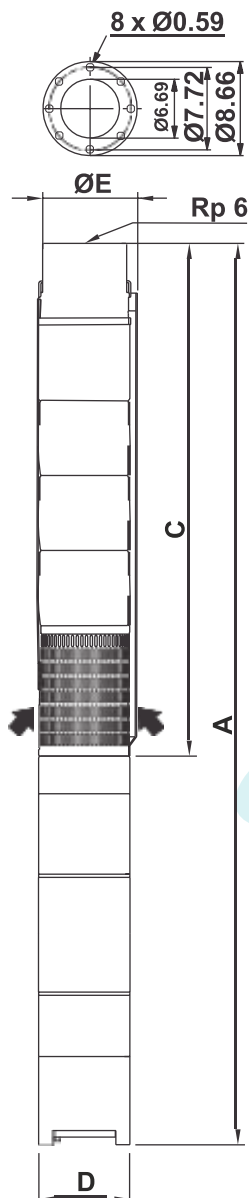
60 Hz / 3500 RPM



NP 215 SERIES

Technical Data

60 Hz / 3500 RPM



Pump Type	MOTOR TYPE	Motor Rating		DIMENSION IN MM						PUMP GROSS W IN Kg.	NET W IN Kg. MOTOR
				C	B	A	D	E*	E**		
		3X400 V	3X400 V		3X400 V						
NP215/1-A	6 WFT CI 30	22	30	790	1015	1805	142	211	211	50	84
NP215/1	6 WFT CI 40	30	40	790	1155	1945	142	211	211	50	100
NP215/2-AA	8 WFT CI 60	45	60	966	1310	2276	190	213	213	58	170
NP215/2-A	8 WFT CI 75	55	75	966	1360	2326	190	213	213	58	180
NP215/2	8 WFT CI 90	66	90	966	1420	2386	190	213	213	58	189
NP215/3-AA	8 WFT CI 100	75	100	1142	1470	2612	190	213	213	66	226
NP215/3-A	8 WFT CI 125	93	125	1142	1610	2752	190	213	213	66	241
NP215/3	8 WFT CI 125	93	125	1142	1610	2752	190	213	213	66	241
NP215/4-AA	8 WFT CI 150	110	150	1318	1740	3058	190	213	213	74	270
NP215/4-A	8 WFT CI 150	110	150	1318	1740	3058	190	213	213	74	270
NP215/4	8 WFT CI 150	110	150	1318	1740	3058	190	213	213	74	270
NP215/5-AA	10 WFT CI 180	135	180	1494	1825	3319	240	240	240	82	282
NP215/5-A	10 WFT CI 180	135	180	1494	1825	3319	240	240	240	82	282
NP215/5	10 WFT CI 200	150	200	1494	1865	3359	240	240	240	82	290
NP215/6-AA	10 WFT CI 225	165	225	1670	1915	3585	240	240	240	90	301
NP215/6-A	10 WFT CI 225	165	225	1670	1915	3585	240	240	240	90	301
NP215/6	10 WFT CI 225	165	225	1670	1915	3585	240	240	240	90	301
NP215/7-AA	10 WFT CI 250	185	250	2146	1965	4111	240	240	240	98	311
NP215/7-A	10 WFT CI 250	185	250	2146	1965	4111	240	240	240	98	311

*Maximum Diameter of Pump With One Motor Cable Guard

**Maximum Diameter of Pump With Two Motor Cable Guard

60 Hz / 3500 RPM

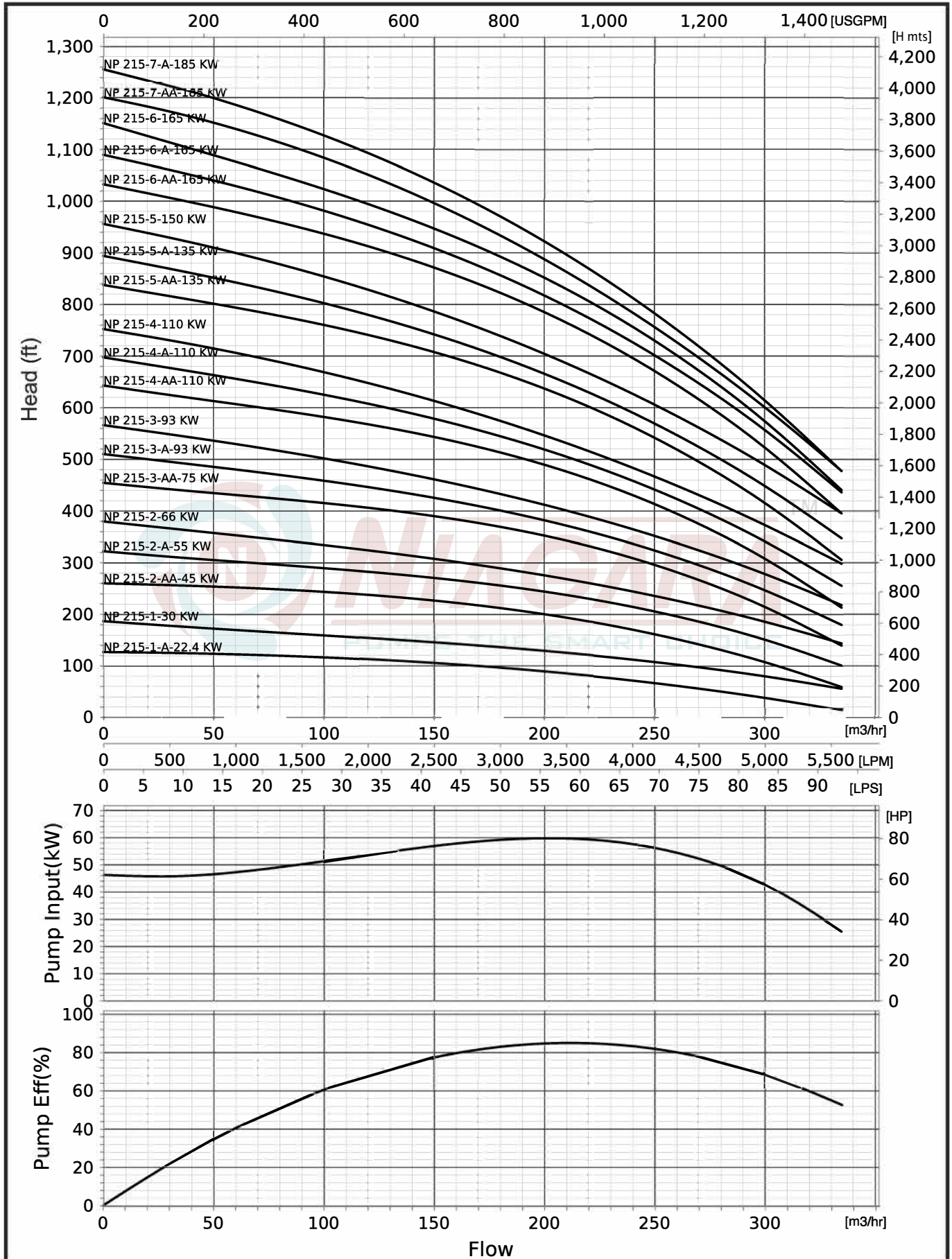
PERFORMANCE TABLE

NP-215 60Hz		Out Let Size : 150 MM									
Pump Type	Motor Rating	Capacity									
		Gpm	0.0	132.1	176.2	528.3	880.8	1233.2	1474.9	HEAD IN METER	
		Lps	0.00	8.33	11.12	33.33	55.57	77.80	93.05		
		M3/hr	0.0	30.0	40.0	120.0	200.0	280.0	334.9		
		Kw HP	0	500	667	2000	3334	4668	5583		
NP215/1-A	22 30		38	39	38	34	27	16	4		
NP215/1	30 40		56	55	55	47	38	30	16		
NP215/2-AA	45 60		79	79	78	72	61	41	18		
NP215/2-A	55 75		97	96	95	86	73	56	30		
NP215/2	66 90		114	113	112	98	82	66	43		
NP215/3-AA	75 100		137	136	135	123	105	79	41		
NP215/3-A	93 125		153	152	152	135	114	89	53		
NP215/3	93 125		170	169	168	147	123	98	65		
NP215/4-AA	110 150		194	192	191	172	147	112	63		
NP215/4-A	110 150		209	209	208	184	155	122	76		
NP215/4	110 150		226	225	224	195	164	130	89		
NP215/5-AA	135 180		252	251	250	224	191	148	91		
NP215/5-A	135 180		269	268	266	235	200	158	104		
NP215/5	150 200		287	286	285	250	211	170	118		
NP215/6-AA	165 225		311	309	308	277	235	185	118		
NP215/6-A	165 225		327	327	325	288	245	195	130		
NP215/6	165 225		345	344	342	300	253	205	130		
NP215/7-AA	185 250		363	360	358	318	268	208	144		
NP215/7-A	185 250		378	377	374	330	277	216	143		

NP 215 SERIES

PERFORMANCE CURVE

60 Hz / 3500 RPM



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Thank you.

THE FIRST STEP TOWARDS HARNESSING THE POWER FROM THE SUN

Improving Quality of Life For People...



An ISO 9001 Certified Company

NIAGARA PUMPS INDIA LLP

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