

Designed for Green Energy



60 Hz

COMPANY PROFILE



PLUGA Pumps and Motors Pvt Ltd (100% Subsidiary of Franklin Electric, USA) a leading Indian brand known for world class manufacturing & distribution of Water Pumping solutions.

Established since 1987, PLUGA has made distinguished contribution towards finest submersible water pump and motor in last three decades. Today, Pluga products are not only sold in India but Exported globally.

Emphasizing on the prosperity and health of the customer, we thrive to operate with a diverse portfolio of reliable and affordable pump sets delivering world-class performance through state-of-the-art manufacturing facility. Our dedicated team for design manufacturing are well equipped with latest design software and advance machineries to facilitates bulk production without compromising the quality



Our energy efficient product range for agriculture and domestic market includes 3" to 10" Submersible Pumps, Water filled & Oil filled Rewindable Motors, MNRE approved Solar Pumping system, Centrifugal Monoblocs, Domestic pumps VFD, controllers and Cables.

We have World's best Solar Simulator for capturing real time test results with auto generated test reports. All the pumps and motors are carefully designed & manufactured so that they have minimum impact on environment while production & while in use.

Introduction

Submersible bore well pumps for 4" wells (DN 100mm), 6" (DN 150mm), 8" (DN 200mm), 10" (DN 250mm) are constructed out of stainless steel AISI 304 (stainless steel AISI 316 material available on request)

Size for connection to the motor according NEMA standards up to 8" motor joining.

Delivery casing with built-in non-return valve.

Impellers:

Radial flow impellers

- 4": PSP2, PSP3, PSP5

Mixed flow impellers

- 4": PSP8, PSP14
- 6": PSP17, PSP30, PSP46, PSP60
- 8": PSP77, PSP95
- 10": PSP125, PSP160, PSP215

Connection:

Screwed pipe connection with BSP thread as standard.

NPT thread pipe connection are available on request.

Operating conditions

- Flow range : Max. 335 m³/hr
- Head range : Max. 650 m
- Liquid temperature : 0°C to +45°C
- Max. sand content into the water : 50 g/m³

Nomenclature :

Example	6E	4	PSP	60	02	-A	-B
6" Pump							
Motor Joining Size (4")							
Type range (PSP)							
Pump type							
Number of impellers							
First impeller with reduced diameter (A, B or C)							
Second impeller with reduced diameter (A, B or C)							

Liquid suitable for pumping:

These pumps are designed for liquids which are thin, clean, non-aggressive, non-explosive, not containing solid particles or fibres.

Special versions made of stainless steel AISI 316 are available for applications involving aggressive liquids.

Curve conditions

The conditions below apply to the curves shown the following pages.

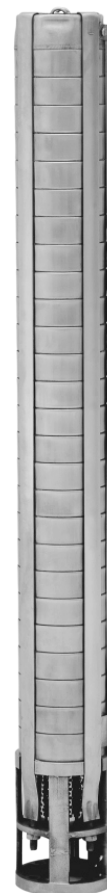
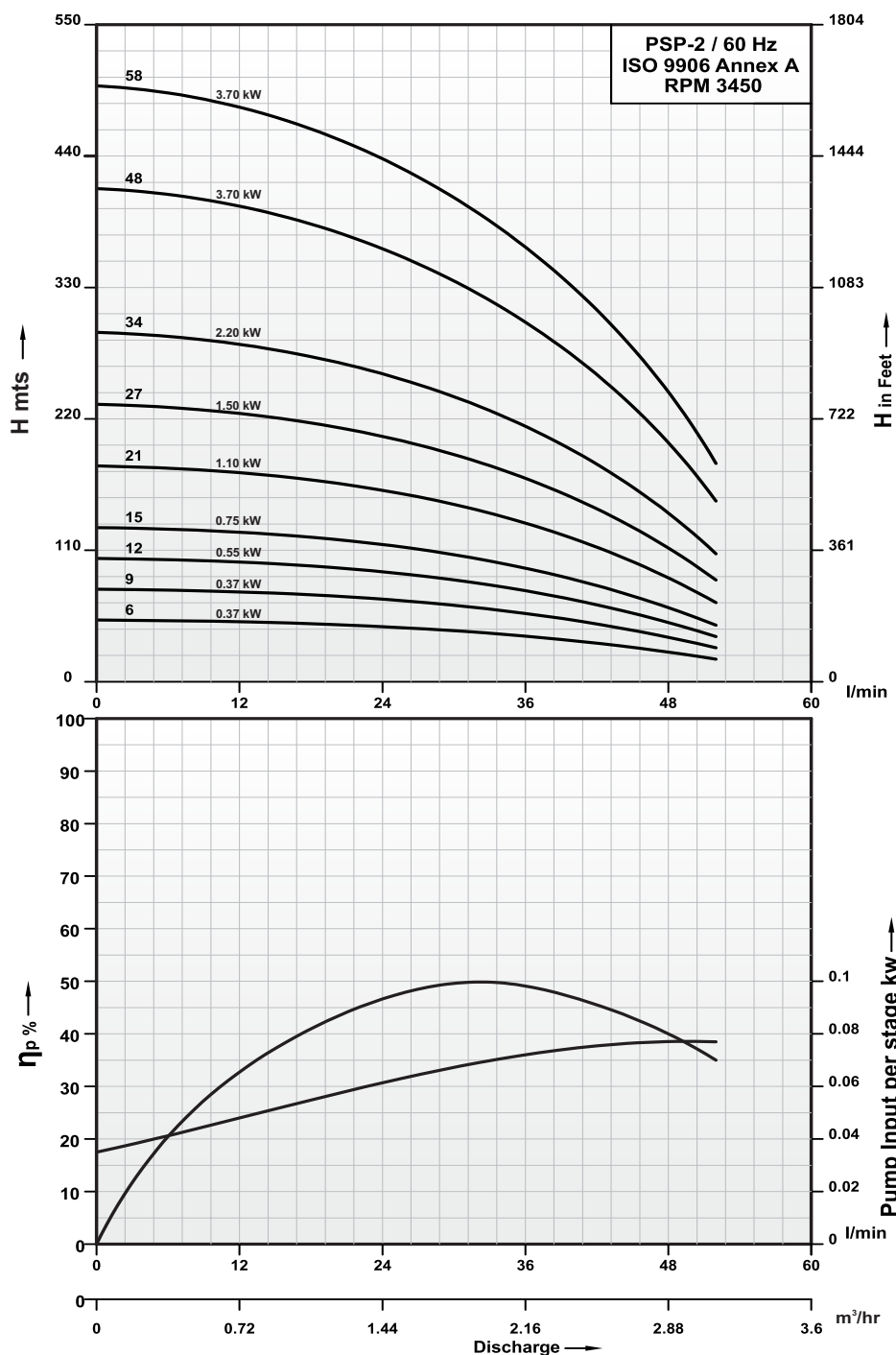
General

- Tolerances in accordance with ISO 9906, Annex A.
- The motors used for the measurement are standard motors.
- Test results with clean cold water, without gas content. Measurements have been made with airless water at a temperature of 20°C.
- Head and power values valid for liquids with density = 1000 kg/m³ and kinematic viscosity $\nu = \max 1 \text{ mm}^2/\text{s}$ (1 cSt).
- When pumping liquids with a density higher than that of water, motors with correspondingly higher outputs must be used.
- The QH curves apply to a rated motor speed of 3450 min⁻¹.
- The performance curves are inclusive of possible losses such as non-return valve losses.
- A safety margin of + 2 feet is recommend for the NPSH value.

4", 6", 8" & 10" curves

- QH: The curves are inclusive of valve and inlet losses at the actual speed. Operation without non-return valve will increase the actual head at nominal performance by 0.5 to 1m.
- NPSH: The curve is inclusive of suction interconnector and shows required inlet pressure.
- Power curve: The power curve shows pump power input at the actual speed for one stage.
- Efficiency curve: $\eta_p\%$ show pump stage efficiency.

STAINX - 4" Submersible Pump



Parameters	Values
Nominal flow rate	2 m³/hr
Flow range	0.41-2.41 m³/hr
Head range	Up to 510 mtr
Max.pump efficiency(η _p)	50%
Motor power	0.37 - 3.70 kW
Rated speed	3450 rpm
Pipe connection	1¼"

MATERIAL OF CONSTRUCTION

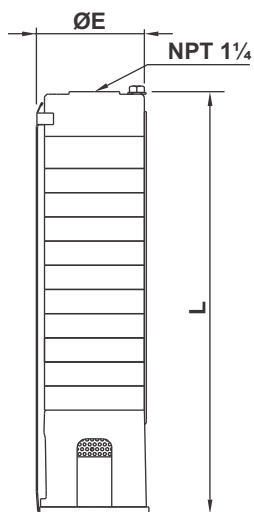
PART NAME	MATERIAL
Delivery casing	SS AISI 304 / CF8
Diffuser	SS AISI 304
Impeller	SS AISI 304
Bearing	NBR
Neck ring	NBR

PART NAME	MATERIAL
Strainer	SS AISI 304
Coupling	SS AISI 304
Suction Interconnector	SS AISI 304 / CF8
Upper Thrust	SS AISI 304 / NBR
Pump shaft	SS AISI 431 / 410

STAINX - 4" Submersible Pump

Performance Table

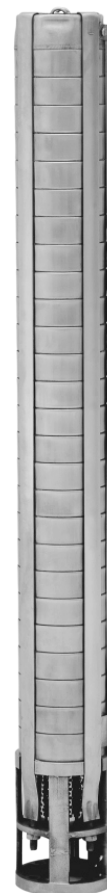
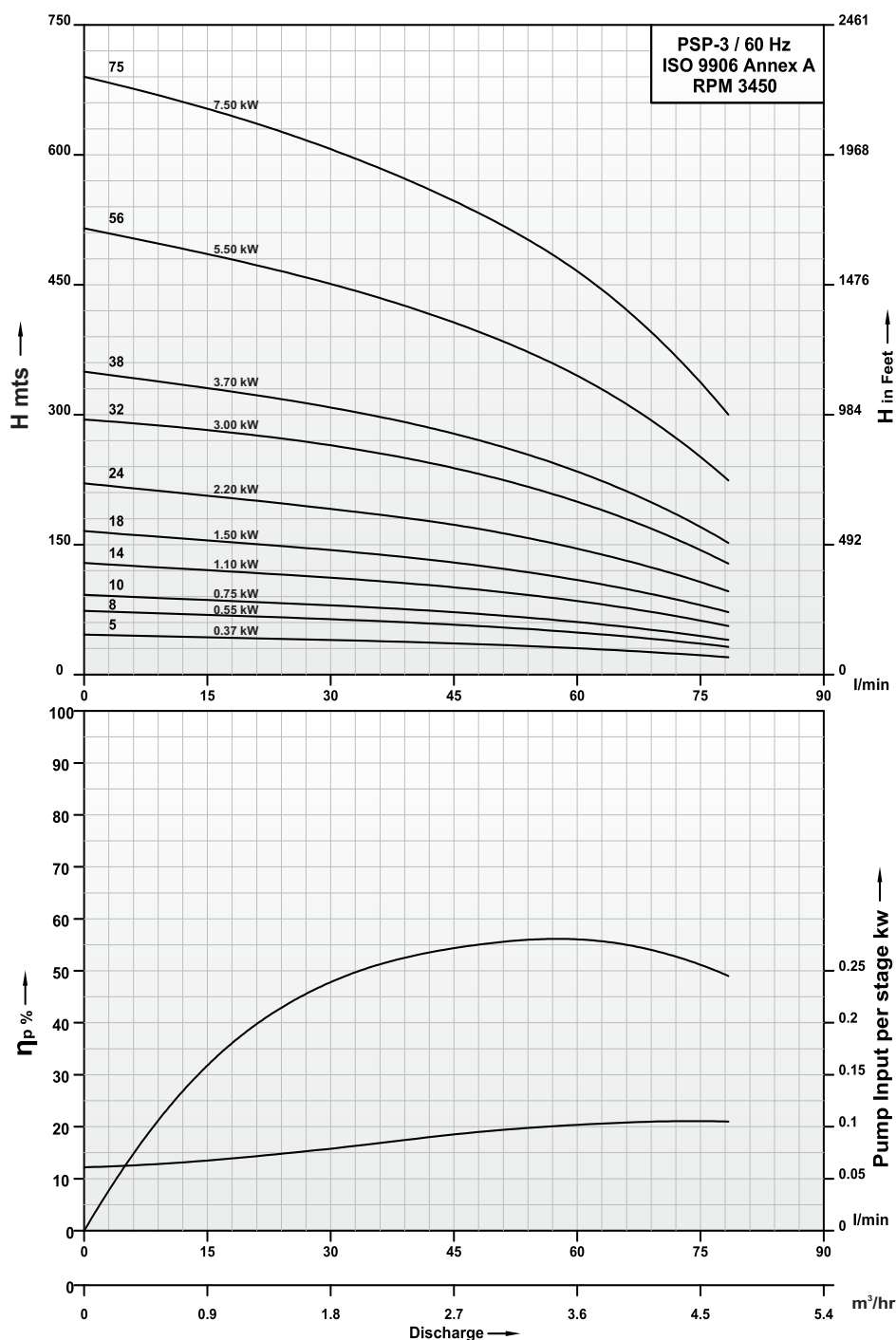
Model Name	kW	HP	Stage	Q	n = 3450 rpm					
				m ³ /hr	0	0.41	1.20	2.00	2.41	3.11
				l/min	0	7	20	33.3	40	52
PSP-2/06	0.37	0.50	6	H mts	52	51	47	40	35	19
PSP-2/09	0.37	0.50	9		77	76	70	59	50	27
PSP-2/12	0.55	0.75	12		103	101	94	79	67	35
PSP-2/15	0.75	1.00	15		129	127	117	99	84	45
PSP-2/21	1.10	1.50	21		180	178	164	139	119	62
PSP-2/27	1.50	2.00	27		230	228	209	176	150	79
PSP-2/34	2.20	3.00	34		299	293	268	225	190	96
PSP-2/48	3.70	5.00	48		424	416	384	323	275	143
PSP-2/58	3.70	5.00	58		510	500	458	385	325	165



Dimensions & Weights

Model Name	Motor Joining Size	ØE (mm)	L (mm)	Pump Gross Weight (kg)	Pump Gross Volume (m ³)
4E4-PSP-2/06	4"	97	311	4.1	0.0051
4E4-PSP-2/09	4"	97	374	5.0	0.0057
4E4-PSP-2/12	4"	97	437	5.9	0.0065
4E4-PSP-2/15	4"	97	500	6.8	0.0074
4E4-PSP-2/21	4"	97	626	8.6	0.0088
4E4-PSP-2/27	4"	97	752	10.4	0.0102
4E4-PSP-2/34	4"	97	899	12.7	0.0122
4E4-PSP-2/48	4"	97	1193	17.2	0.0156
4E4-PSP-2/58	4"	97	1403	20.4	0.0181

STAINX - 4" Submersible Pump



Parameters	Values
Nominal flow rate	3 m³/hr
Flow range	0 - 4.7 m³/hr
Head range	Up to 680 mtr
Max.pump efficiency(η _p)	56%
Motor power	0.37 - 7.50 kW
Rated speed	3450 rpm
Pipe connection	1¼" / 1½"

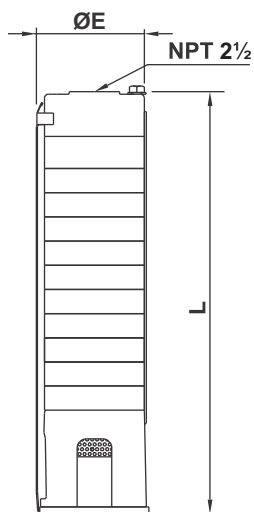
MATERIAL OF CONSTRUCTION

PART NAME	MATERIAL	PART NAME	MATERIAL
Delivery casing	SS AISI 304 / CF8	Strainer	SS AISI 304
Diffuser	SS AISI 304	Coupling	SS AISI 304
Impeller	SS AISI 304	Suction Interconnector	SS AISI 304 / CF8
Bearing	NBR	Upper Thrust	SS AISI 304 / NBR
Neck ring	NBR	Pump shaft	SS AISI 431 / 410

STAINX - 4" Submersible Pump

Performance Table

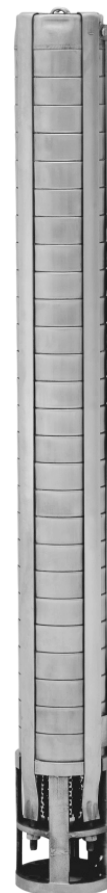
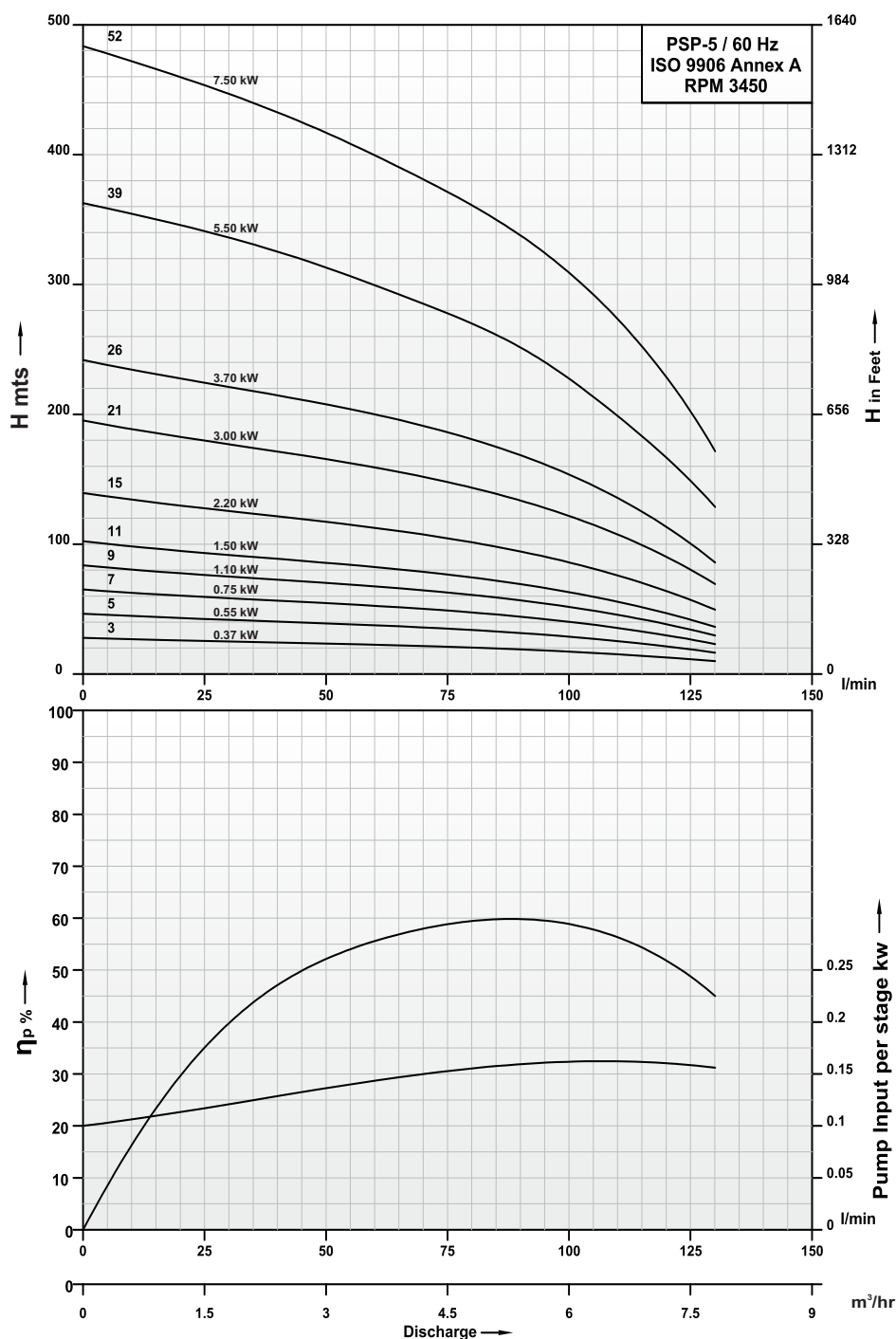
Model Name	kW	HP	Stage	Q	n = 3450 rpm					
				m ³ /hr	0	1.2	2.0	2.8	3.6	4.7
				l/min	0	20	33.3	46.7	60	78.4
PSP-3/05	0.37	0.50	5	H mts	46	42	40	38	32	20
PSP-3/08	0.55	0.75	8		73	69	63	59	50	33
PSP-3/10	0.75	1.00	10		91	84	80	73	63	41
PSP-3/14	1.10	1.50	14		128	119	112	102	90	59
PSP-3/18	1.50	2.00	18		163	151	143	130	112	72
PSP-3/24	2.20	3.00	24		219	203	191	176	150	99
PSP-3/32	3.00	4.00	32		290	270	258	240	210	149
PSP-3/38	3.70	5.00	38		345	323	308	287	253	180
PSP-3/56	5.50	7.50	56		508	475	452	421	371	265
PSP-3/75	7.50	10.0	75		680	634	604	560	494	350



Dimensions & Weights

Model Name	Motor Joining Size	ØE (mm)	L (mm)	Pump Gross Weight (kg)	Pump Gross Volume (m ³)
4E4-PSP-3/05	4"	97	290	3.6	0.0048
4E4-PSP-3/08	4"	97	353	4.5	0.0054
4E4-PSP-3/10	4"	97	395	5.4	0.0059
4E4-PSP-3/14	4"	97	479	6.3	0.0071
4E4-PSP-3/18	4"	97	563	7.7	0.0079
4E4-PSP-3/24	4"	97	689	9.5	0.0096
4E4-PSP-3/32	4"	97	857	12.2	0.0116
4E4-PSP-3/38	4"	97	983	14.1	0.013
4E4-PSP-3/56	4"	97	1361	20	0.0176
4E4-PSP-3/75	4"	97	1760	25.9	0.0224

STAINX - 4" Submersible Pump



Parameters	Values
Nominal flow rate	5 m³/hr
Flow range	0 - 7.8 m³/hr
Head range	Up to 480 mtr
Max.pump efficiency(η _p)	60%
Motor power	0.37 - 7.50 kW
Rated speed	3450 rpm
Pipe connection	1½"

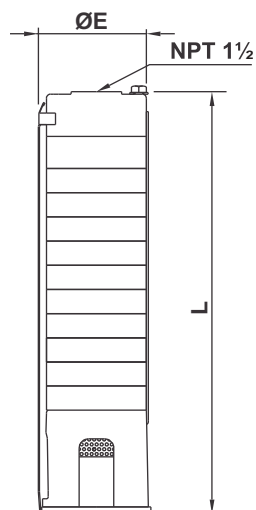
MATERIAL OF CONSTRUCTION

PART NAME	MATERIAL	PART NAME	MATERIAL
Delivery casing	SS AISI 304 / CF8	Strainer	SS AISI 304
Diffuser	SS AISI 304	Coupling	SS AISI 304
Impeller	SS AISI 304	Suction Interconnector	SS AISI 304 / CF8
Bearing	NBR	Upper Thrust	SS AISI 304 / NBR
Neck ring	NBR	Pump shaft	SS AISI 431 / 410

STAINX - 4" Submersible Pump

Performance Table

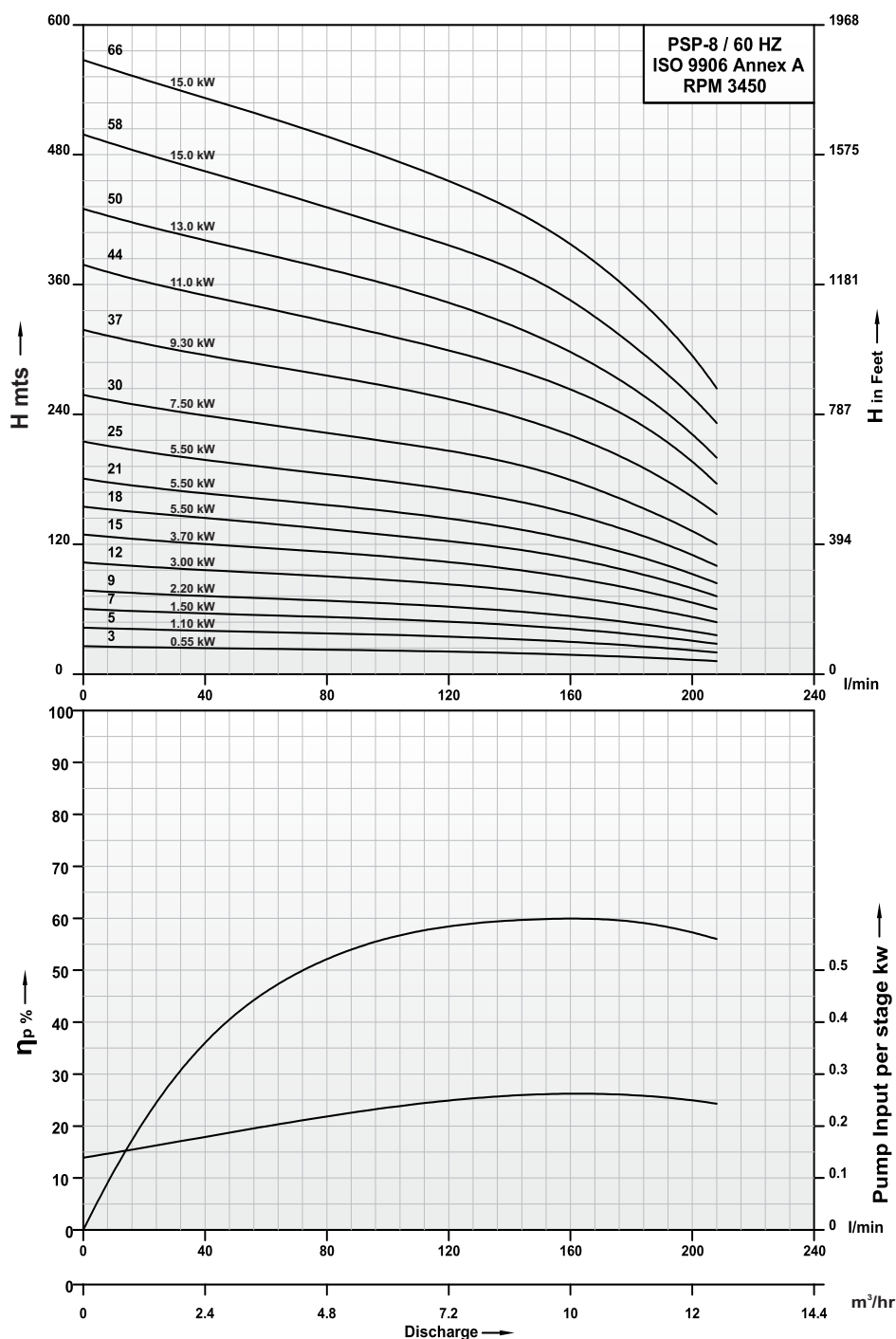
Model Name	kW	HP	Stage	Q	n = 3450 rpm					
				m ³ /hr	0	2.4	4.0	5.6	6.4	7.8
				l/min	0	40	66.7	93.4	106.7	130.1
PSP-5/03	0.37	0.50	3	H mts	28	24	23	20	17	10
PSP-5/05	0.55	0.75	5		46	40	37	31	27	17
PSP-5/07	0.75	1.00	7		64	57	52	43	37	23
PSP-5/09	1.10	1.50	9		83	73	67	57	49	30
PSP-5/11	1.50	2.00	11		101	90	80	68	59	37
PSP-5/15	2.20	3.00	15		139	122	111	94	80	50
PSP-5/21	3.00	4.00	21		194	170	155	130	112	70
PSP-5/26	3.70	5.00	26		240	211	193	162	140	88
PSP-5/39	5.50	7.50	39		361	316	288	243	210	130
PSP-5/52	7.50	10.0	52		480	420	382	320	276	170



Dimensions & Weights

Model Name	Motor Joining Size	ØE (mm)	L (mm)	Pump Gross weight (kg)	Pump Gross volume (m ³)
4E4-PSP-5/03	4"	97	248	3.2	0.0042
4E4-PSP-5/05	4"	97	290	3.6	0.0048
4E4-PSP-5/07	4"	97	332	4.1	0.0051
4E4-PSP-5/09	4"	97	374	5	0.0057
4E4-PSP-5/11	4"	97	416	5.4	0.0062
4E4-PSP-5/15	4"	97	500	6.8	0.0074
4E4-PSP-5/21	4"	97	626	8.6	0.0088
4E4-PSP-5/26	4"	97	731	10.4	0.0099
4E4-PSP-5/39	4"	97	1004	14.5	0.0133
4E4-PSP-5/52	4"	97	1277	18.6	0.0167

STAINX - 4" Submersible Pump



Parameters	Values
Nominal flow rate	8 m³/hr
Flow range	0-12.5 m³/hr
Head range	Up to 569 mtr
Max.pump efficiency(η _p)	60%
Motor power	0.55 - 15.0 kW
Rated speed	3450 rpm
Pipe connection	2"

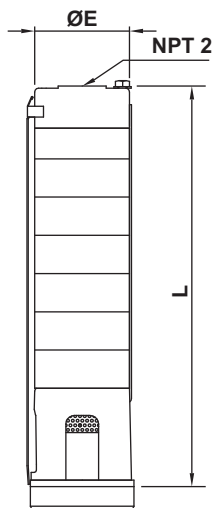
MATERIAL OF CONSTRUCTION

PART NAME	MATERIAL	PART NAME	MATERIAL
Delivery casing	SS AISI 304 / CF8	Strainer	SS AISI 304
Diffuser	SS AISI 304	Coupling	SS AISI 304
Impeller	SS AISI 304	Suction Interconnector	SS AISI 304 / CF8
Bearing	NBR	Upper Thrust	SS AISI 304 / NBR
Neck ring	NBR	Pump shaft	SS AISI 431 / 410

STAINX - 4" Submersible Pump

Performance Table

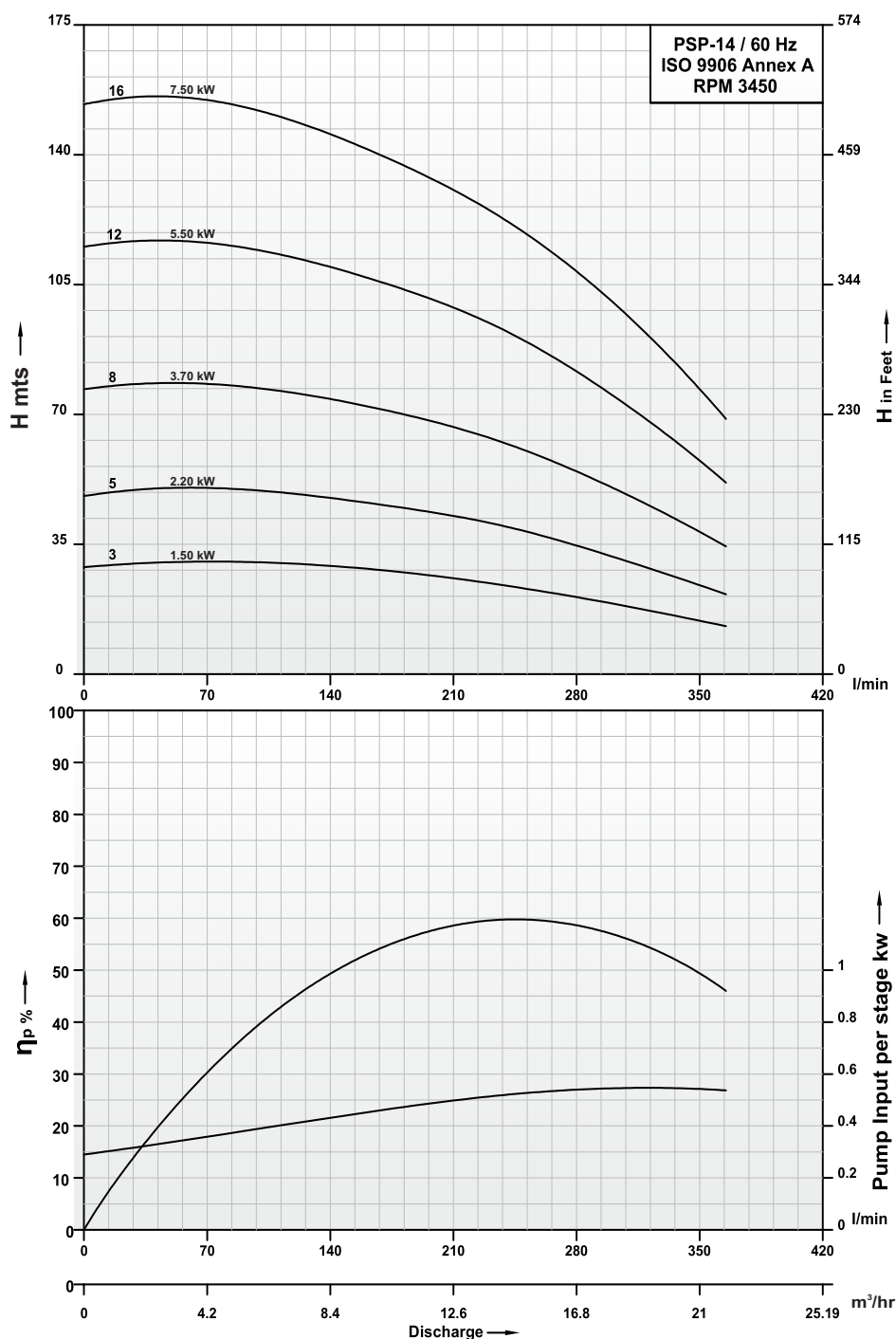
Model Name	kW	HP	Stage	Q	n = 3450 rpm					
				m ³ /hr	0	3.0	6.0	9.0	11.0	12.5
				l/min	0	50	100	150	183	208
PSP-8/03	0.55	0.75	3	H mts	26	23	20	20	16	12
PSP-8/05	1.10	1.50	5		43	40	36	32	28	21
PSP-8/07	1.50	2.00	7		60	55	50	44	38	30
PSP-8/09	2.20	3.00	9		78	70	63	58	49	39
PSP-8/12	3.00	4.00	12		104	95	84	76	64	51
PSP-8/15	3.70	5.00	15		130	119	106	95	80	65
PSP-8/18	5.50	7.50	18		156	142	129	115	99	80
PSP-8/21	5.50	7.50	21		182	167	149	133	113	90
PSP-8/25	5.50	7.50	25		216	196	175	156	132	105
PSP-8/30	7.50	10.0	30		260	235	210	189	160	127
PSP-8/37	9.30	12.5	37		320	288	257	225	190	148
PSP-8/44	11.0	15.0	44		380	343	305	269	225	176
PSP-8/50	13.0	17.5	50		432	390	349	307	259	202
PSP-8/58	15.0	20.0	58		502	454	404	357	300	235
PSP-8/66	15.0	20.0	66		569	514	458	401	335	263



Dimensions & Weights

Model Name	Motor Joining Size	ØE (mm)	L (mm)	Pump Gross weight (kg)	Pump Gross volume (m ³)
4E4-PSP-8/03	4"	97	376	5.9	0.0057
4E4-PSP-8/05	4"	97	460	7.3	0.0065
4E4-PSP-8/07	4"	97	544	8.2	0.0076
4E4-PSP-8/09	4"	97	628	9.1	0.0088
4E4-PSP-8/12	4"	97	754	10.4	0.0102
4E4-PSP-8/15	4"	97	880	12.2	0.0116
4E4-PSP-8/18	4"	97	1006	13.6	0.0133
4E4-PSP-8/21	4"	97	1132	15.4	0.0147
4E4-PSP-8/25	4"	97	1300	17.2	0.0167
4E4-PSP-8/30	4"	97	1510	20	0.0193
4E6-PSP-8/30	6"	145	1600	20	0.0193
4E6-PSP-8/37	6"	145	1894	23.6	0.0229
4E6-PSP-8/44	6"	145	2188	27.2	0.0263
4E6-PSP-8/50	6"	145	2440	30.4	0.0294
4E6-PSP-8/58	6"	145	2776	34.5	0.0337
4E6-PSP-8/66	6"	145	3112	38.5	0.0377

STAINX - 4" Submersible Pump



Parameters	Values
Nominal flow rate	14 m³/hr
Flow range	0-21.9 m³/hr
Head range	Up to 149 mtr
Max.pump efficiency(η _p)	60%
Motor power	1.50 - 7.50 kW
Rated speed	3450 rpm
Pipe connection	2"

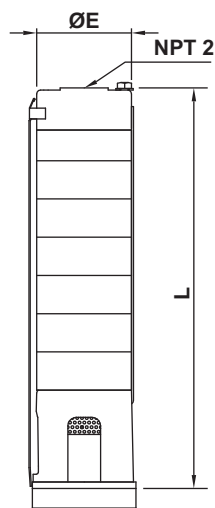
MATERIAL OF CONSTRUCTION

PART NAME	MATERIAL	PART NAME	MATERIAL
Delivery casing	SS AISI 304 / CF8	Strainer	SS AISI 304
Diffuser	SS AISI 304	Coupling	SS AISI 304
Impeller	SS AISI 304	Suction Interconnector	SS AISI 304 / CF8
Bearing	NBR	Upper Thrust	SS AISI 304 / NBR
Neck ring	NBR	Pump shaft	SS AISI 431 / 410

STAINX - 4" Submersible Pump

Performance Table

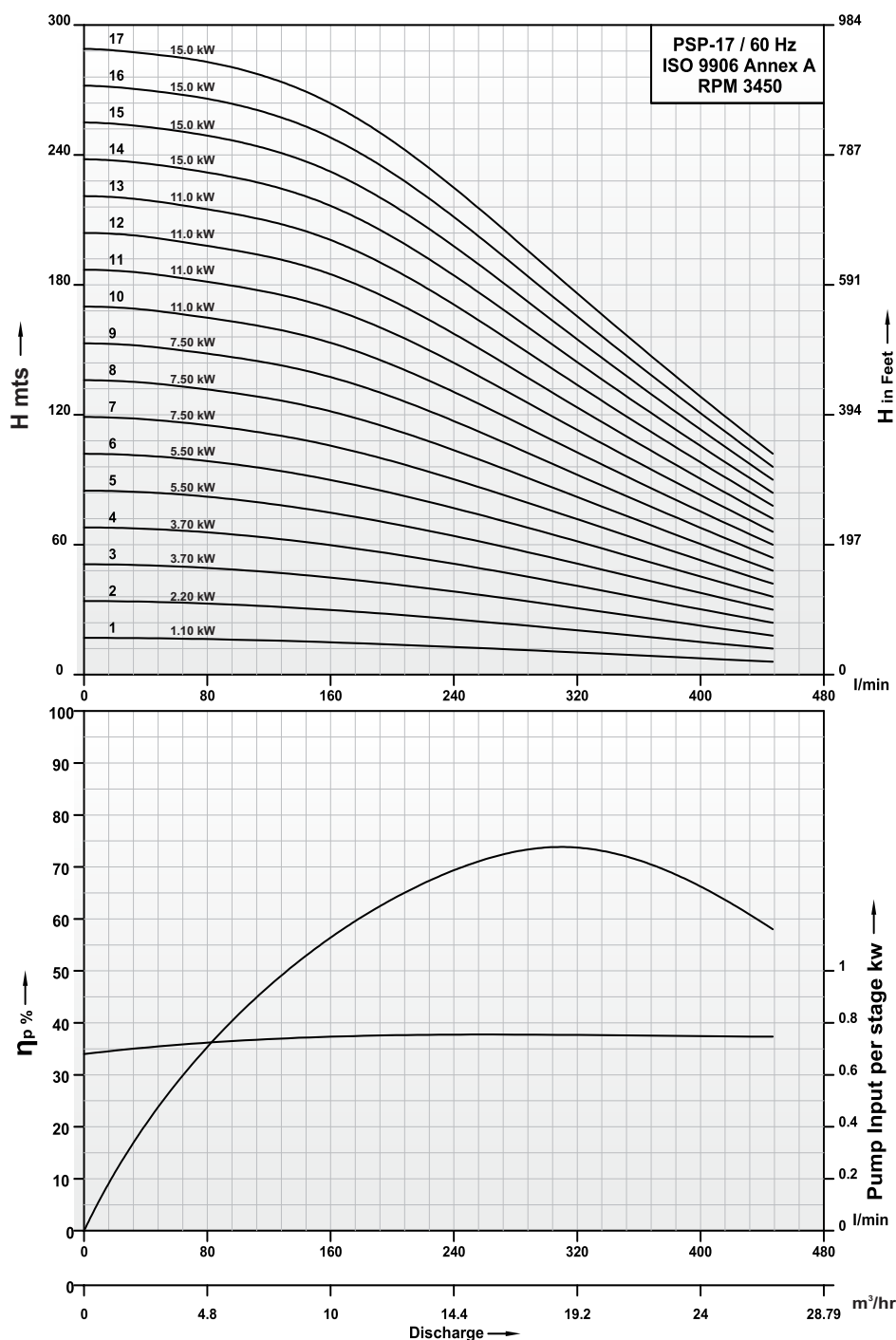
Model Name	kW	HP	Stage	Q	n = 3450 rpm					
				m ³ /hr	0	2.0	10	14.0	18.0	21.9
				l/min	0	33.3	166.7	233.4	300.1	365
PSP-14/03	1.50	2.00	3	H mtr.	29	30	26	23	19	13
PSP-14/05	2.20	3.00	5		48	49	43	38	31	21
PSP-14/08	3.70	5.00	8		76	79	69	62	50	35
PSP-14/12	5.50	7.50	12		114	118	103	92	74	52
PSP-14/16	7.50	10.0	16		149	153	131	115	91	60



Dimensions & Weights

Model Name	Motor Joining Size	ØE (mm)	L (mm)	Pump Gross weight (kg)	Pump Gross volume (m ³)
4E4-PSP-14/03	4"	97	380	4.5	0.0057
4E4-PSP-14/05	4"	97	510	6.3	0.0113
4E4-PSP-14/08	4"	97	705	8.6	0.0113
4E4-PSP-14/12	4"	97	965	11.8	0.0170
4E4-PSP-14/16	4"	97	1027	15.4	0.0170
4E6-PSP-14/16	6"	145	1287	15.4	0.0396

STAINX - 6" Submersible Pump



Parameters	Values
Nominal flow rate	17 m³/hr
Flow range	0-27 m³/hr
Head range	Up to 634 mtr
Max.pump efficiency(η _p)	74%
Motor power	1.10 - 37.0 kW
Rated speed	3450 rpm
Pipe connection	2½"

MATERIAL OF CONSTRUCTION

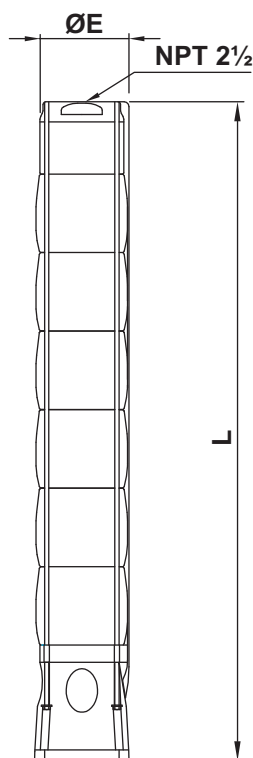
PART NAME	MATERIAL	PART NAME	MATERIAL
Delivery casing	SS AISI 304 / CF8	Strainer	SS AISI 304
Di user	SS AISI 304	Coupling	SS AISI 304
Impeller	SS AISI 304	Suction Interconnector	SS AISI 304 / CF8
Bearing	NBR	Upper Thrust	SS AISI 304 / NBR
Neck ring	NBR	Pump shaft	SS AISI 431

STAINX - 6" Submersible Pump

Performance Table

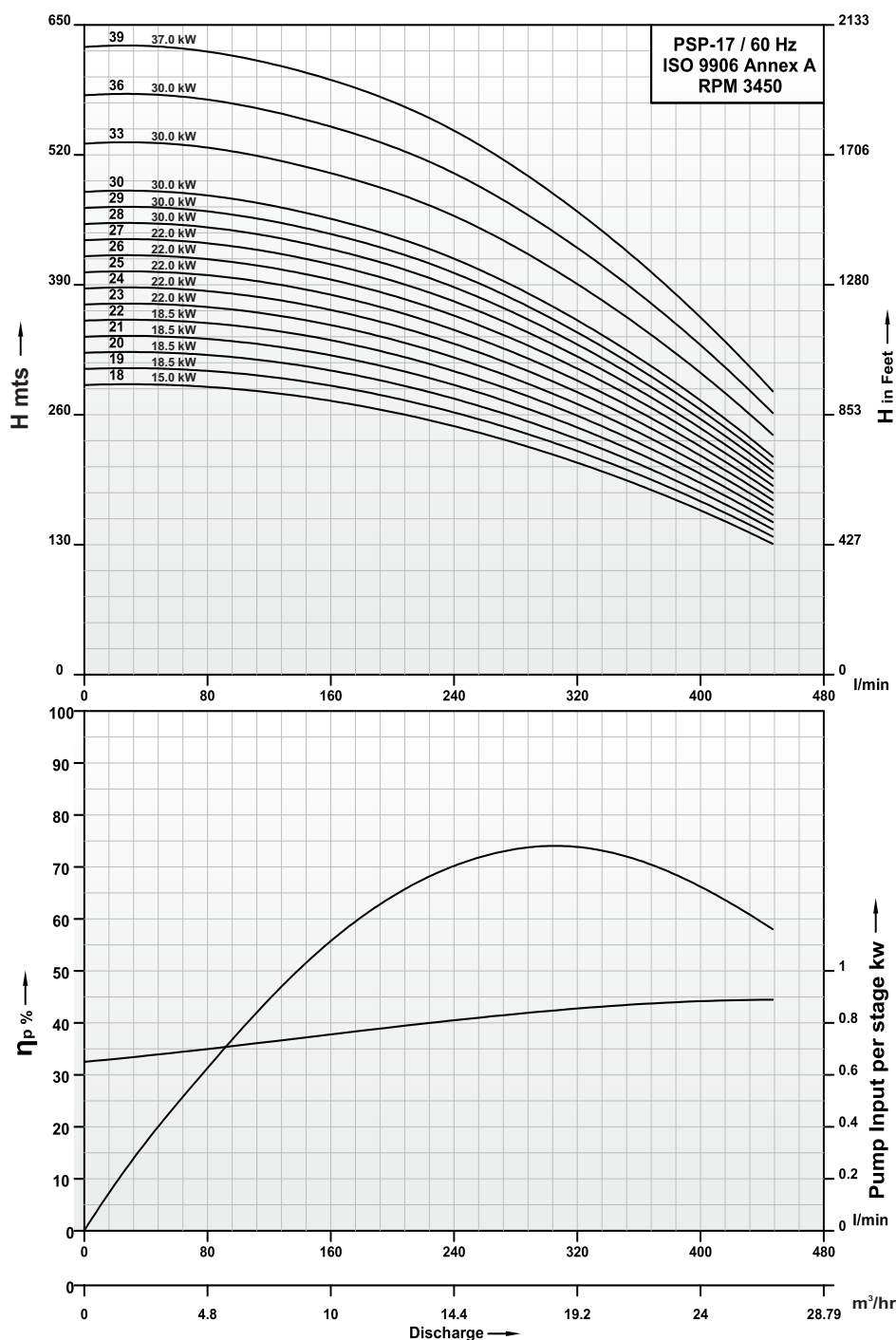
Model Name	kW	HP	Stage	Q	n = 3450 rpm						
				m³/hr	0	2	4	9	14	18	27
				l/min	0	38	68	151	227	303	447
PSP-17/01	1.10	1.50	1	H mts	17	17	17	16	14	11	6
PSP-17/02	2.20	3.00	2		33	33	33	32	30	25	12
PSP-17/03	3.70	5.00	3		48	49	50	48	44	39	21
PSP-17/04	3.70	5.00	4		64	65	66	63	58	51	29
PSP-17/05	5.50	7.50	5		80	80	82	79	73	64	37
PSP-17/06	5.50	7.50	6		96	96	98	94	87	76	42
PSP-17/07	7.50	10.0	7		112	112	114	110	102	90	51
PSP-17/08	7.50	10.0	8		128	127	130	126	116	101	57
PSP-17/09	7.50	10.0	9		144	143	145	140	130	114	63
PSP-17/10	11.0	15.0	10		159	159	162	156	146	128	73
PSP-17/11	11.0	15.0	11		175	174	177	171	160	140	79
PSP-17/12	11.0	15.0	12		191	190	194	187	175	154	87
PSP-17/13	11.0	15.0	13		207	206	210	203	189	166	93
PSP-17/14	15.0	20.0	14		228	229	228	221	205	181	103
PSP-17/15	15.0	20.0	15		243	244	243	235	219	192	107
PSP-17/16	15.0	20.0	16		259	261	260	252	235	207	118
PSP-17/17	15.0	20.0	17		276	277	276	267	248	219	124

Dimensions & Weights



Model Name	Motor Joining Size	ØE (mm)	L (mm)	Pump Gross Weight (kg)	Pump Gross Volume (m³)
6E4-PSP-17/01	4"	131	334	12.7	0.0085
6E4-PSP-17/02	4"	131	394	13.6	0.0102
6E4-PSP-17/03	4"	131	454	14.5	0.0116
6E4-PSP-17/04	4"	131	514	15.4	0.0130
6E4-PSP-17/05	4"	131	574	15.9	0.0147
6E4-PSP-17/06	4"	131	634	16.8	0.0161
6E4-PSP-17/07	4"	131	694	17.7	0.0178
6E4-PSP-17/08	4"	131	754	18.6	0.0193
6E4-PSP-17/09	4"	131	814	19.5	0.0210
6E6-PSP-17/07	6"	145	694	17.7	0.0178
6E6-PSP-17/08	6"	145	754	18.6	0.0193
6E6-PSP-17/09	6"	145	814	19.5	0.0210
6E6-PSP-17/10	6"	145	874	20	0.0224
6E6-PSP-17/11	6"	145	934	20.9	0.0238
6E6-PSP-17/12	6"	145	994	21.8	0.0255
6E6-PSP-17/13	6"	145	1054	22.7	0.0269
6E6-PSP-17/14	6"	145	1114	23.1	0.0286
6E6-PSP-17/15	6"	145	1174	24	0.0300
6E6-PSP-17/16	6"	145	1234	24.9	0.0317
6E6-PSP-17/17	6"	145	1294	25.9	0.0331

STAINX - 6" Submersible Pump



Parameters	Values
Nominal flow rate	17 m³/hr
Flow range	0-27 m³/hr
Head range	Up to 634 mtr
Max.pump efficiency(η _p)	74%
Motor power	1.10 - 37.0 kW
Rated speed	3450 rpm
Pipe connection	2½"

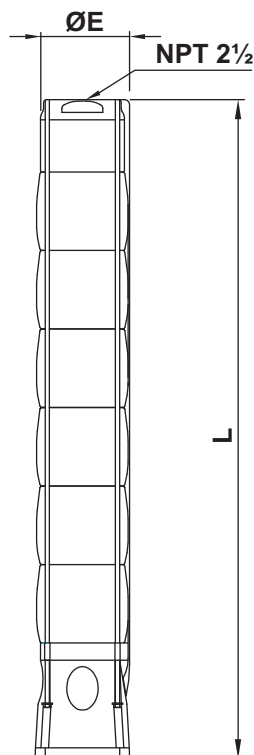
MATERIAL OF CONSTRUCTION

PART NAME	MATERIAL	PART NAME	MATERIAL
Delivery casing	SS AISI 304 / CF8	Strainer	SS AISI 304
Di user	SS AISI 304	Coupling	SS AISI 304
Impeller	SS AISI 304	Suction Interconnector	SS AISI 304 / CF8
Bearing	NBR	Upper Thrust	SS AISI 304 / NBR
Neck ring	NBR	Pump shaft	SS AISI 431

STAINX - 6" Submersible Pump

Performance Table

Model Name	kW	HP	Stage	Q	n = 3450 rpm						
				m ³ /hr	0	2	4	9	14	18	27
				l/min	0	38	68	151	227	303	447
PSP-17/18	15.0	20.0	18	H mts	291	293	292	282	262	230	131
PSP-17/19	18.5	25.0	19		309	311	310	301	281	248	142
PSP-17/20	18.5	25.0	20		325	326	326	316	295	259	150
PSP-17/21	18.5	25.0	21		341	343	342	331	308	270	155
PSP-17/22	18.5	25.0	22		355	357	356	345	322	283	161
PSP-17/23	22.0	30.0	23		373	375	374	363	338	299	171
PSP-17/24	22.0	30.0	24		390	391	390	378	352	311	177
PSP-17/25	22.0	30.0	25		403	405	404	392	366	322	183
PSP-17/26	22.0	30.0	26		420	422	421	408	379	334	189
PSP-17/27	22.0	30.0	27		441	442	441	429	400	354	206
PSP-17/28	30.0	40.0	28		456	458	456	443	415	366	213
PSP-17/29	30.0	40.0	29		472	474	473	459	429	378	219
PSP-17/30	30.0	40.0	30		486	488	488	473	442	390	225
PSP-17/33	30.0	40.0	33		536	539	538	521	485	427	245
PSP-17/36	30.0	40.0	36		583	585	583	564	526	463	262
PSP-17/39	37.0	50.0	39		634	636	634	617	579	513	299

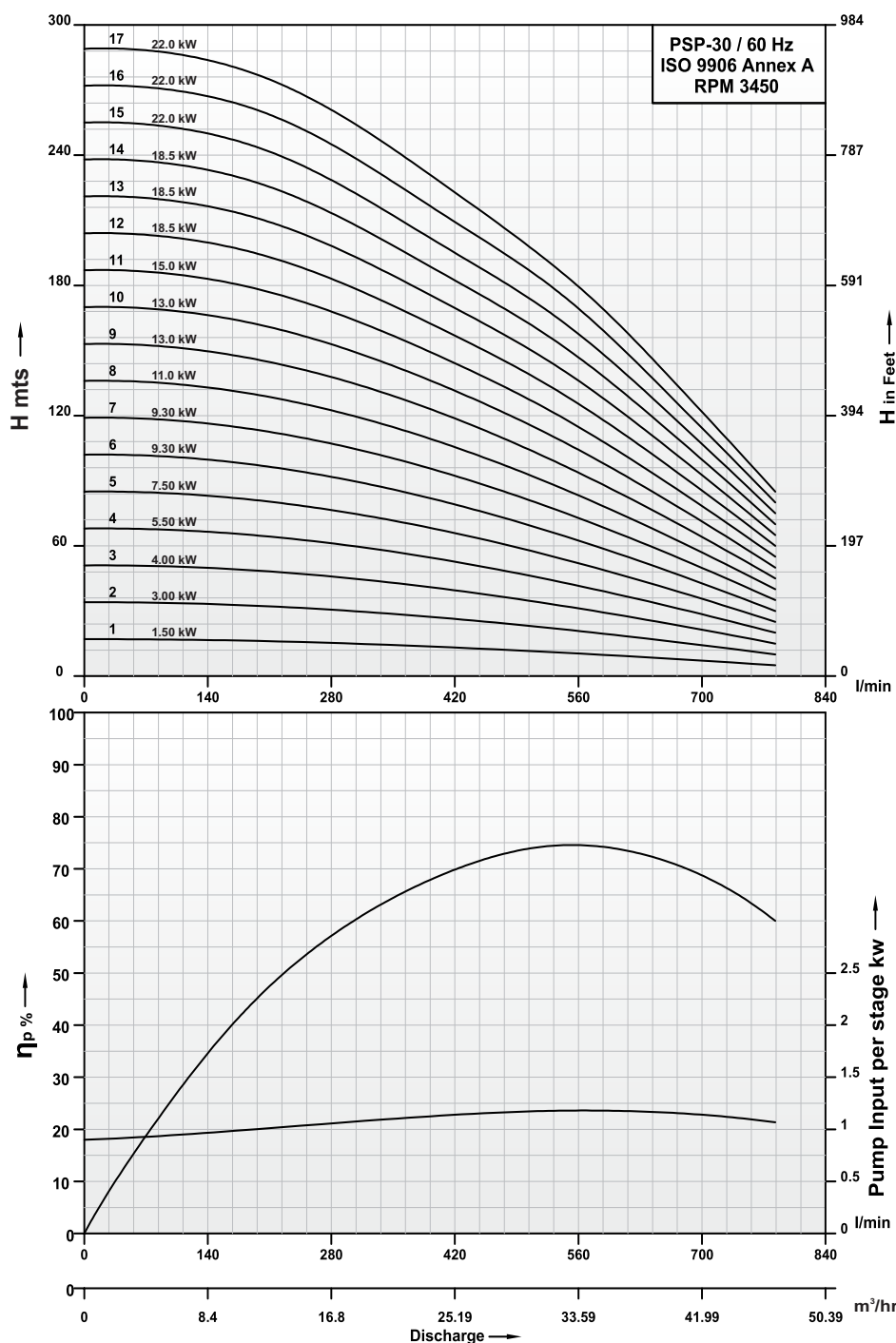


Dimensions & Weights

Model Name	Motor Joining Size	ØE (mm)	L (mm)	Pump Gross Weight (kg)	Pump Gross Volume (m ³)
6E6-PSP-17/18	6"	142	1354	26.8	0.035
6E6-PSP-17/19	6"	142	1414	27.2	0.036
6E6-PSP-17/20	6"	142	1474	28.1	0.038
6E6-PSP-17/21	6"	142	1534	29.0	0.039
6E6-PSP-17/22	6"	142	1594	29.9	0.041
6E6-PSP-17/23	6"	142	1654	30.4	0.042
6E6-PSP-17/24	6"	142	1714	31.3	0.044
6E6-PSP-17/25	6"	142	1774	32.2	0.045
6E6-PSP-17/26	6"	142	1834	33.1	0.047
6E6-PSP-17/27	6"	142	1894	34.0	0.048
6E6-PSP-17/28	6"	142	1954	34.5	0.050
6E6-PSP-17/29	6"	142	2014	35.4	0.052
6E6-PSP-17/30	6"	142	2074	36.3	0.053
6E6-PSP-17/33	6"	142	2254	38.5	0.058
6E6-PSP-17/36	6"	142	2434	41.3	0.062
6E6-PSP-17/39	6"	142	2614	43.5	0.067

PSP-17/33 to PSP-17/39 is mounted in sleeve / adapter optional

STAINX - 6" Submersible Pump



Parameters	Values
Nominal flow rate	30 m³/hr
Flow range	0 - 47 m³/hr
Head range	Up to 650 mtr
Max.pump efficiency(η _p)	75%
Motor power	1.50 - 55.0 kW
Rated speed	3450 rpm
Pipe connection	3" / 4"

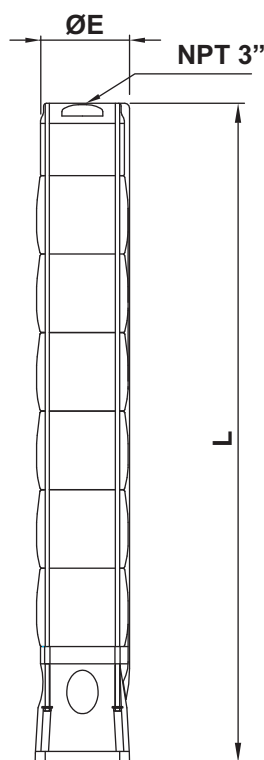
MATERIAL OF CONSTRUCTION

PART NAME	MATERIAL	PART NAME	MATERIAL
Delivery casing	SS AISI 304 / CF8	Strainer	SS AISI 304
Di user	SS AISI 304	Coupling	SS AISI 304
Impeller	SS AISI 304	Suction Interconnector	SS AISI 304 / CF8
Bearing	NBR	Upper Thrust	SS AISI 304 / NBR
Neck ring	NBR	Pump shaft	SS AISI 431

STAINX - 6" Submersible Pump

Performance Table

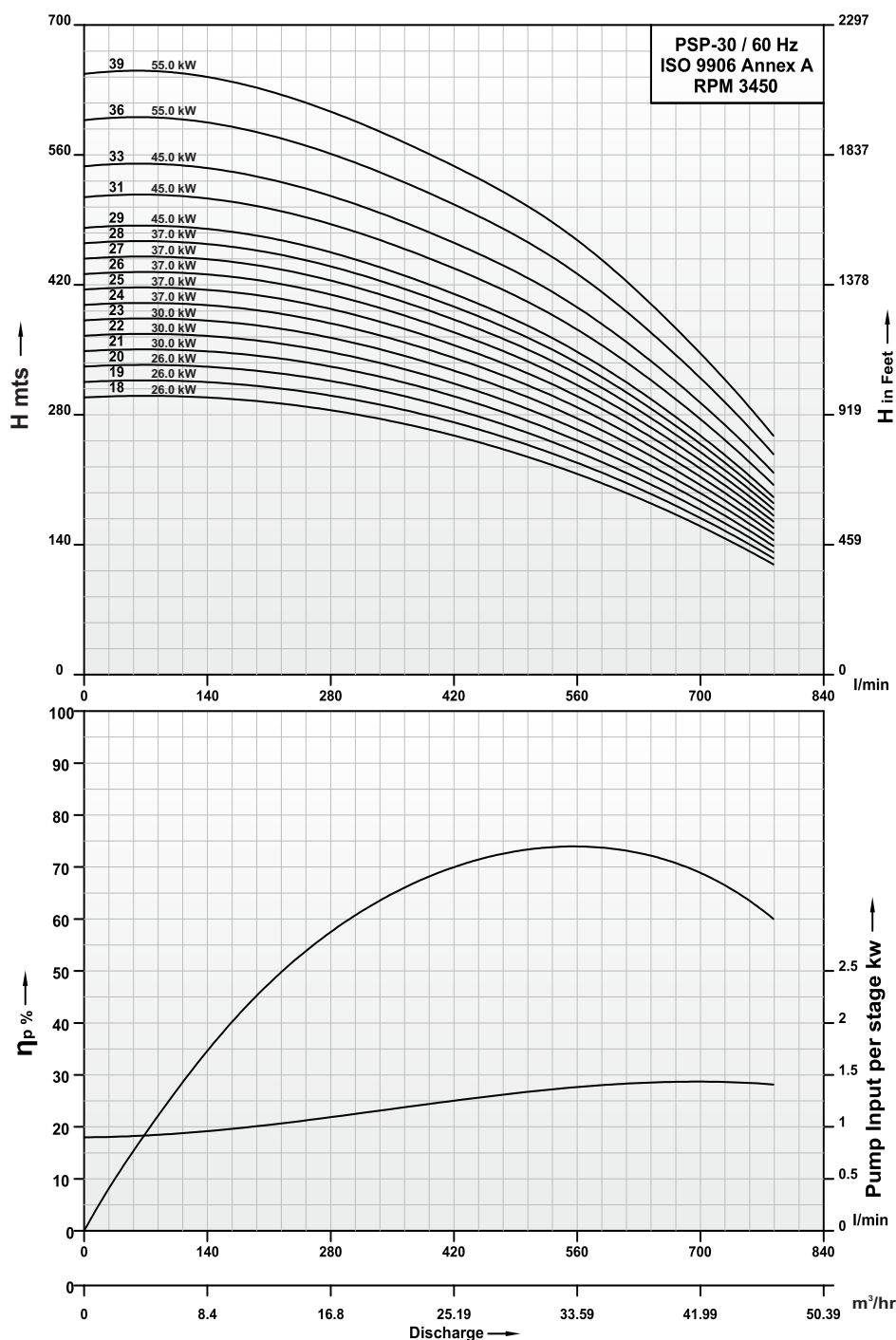
Model Name	kW	HP	Stage	Q	n = 3450 rpm						
				m ³ /hr	0	4	12	24	32	40	47
				l/min	0	67	200	400	533	667	783
PSP-30/01	1.50	2.00	1	H mts	17	17	16	13	11	8	5
PSP-30/02	3.00	4.00	2		34	34	32	27	23	18	10
PSP-30/03	4.00	5.50	3		50	50	47	40	35	27	17
PSP-30/04	5.50	7.50	4		66	67	63	55	48	37	24
PSP-30/05	7.50	10.0	5		83	84	79	68	60	47	30
PSP-30/06	9.30	12.5	6		100	100	95	83	73	57	38
PSP-30/07	9.30	12.5	7		115	116	110	95	84	65	43
PSP-30/08	11.0	15.0	8		133	133	126	110	97	75	50
PSP-30/09	13.0	17.5	9		149	150	142	124	110	86	58
PSP-30/10	13.0	17.5	10		165	166	157	137	121	94	62
PSP-30/11	15.0	20.0	11		182	183	174	152	134	105	70
PSP-30/12	18.5	25.0	12		200	201	191	168	148	117	80
PSP-30/13	18.5	25.0	13		216	218	206	181	160	127	84
PSP-30/14	18.5	25.0	14		232	233	221	194	172	138	90
PSP-30/15	22.0	30.0	15		249	251	238	208	184	145	97
PSP-30/16	22.0	30.0	16		265	266	253	221	195	153	102
PSP-30/17	22.0	30.0	17		280	283	268	233	207	161	108



Dimensions & Weights

Model Name	Motor Joining Size	ØE (mm)	L (mm)	Pump Gross Weight (kg)	Pump Gross Volume (m ³)
6E4-PSP-30/01	4"	131	370	12.2	0.012
6E4-PSP-30/02	4"	131	466	14.1	0.014
6E4-PSP-30/03	4"	131	562	15.9	0.017
6E4-PSP-30/04	4"	131	658	17.7	0.020
6E4-PSP-30/05	4"	131	754	20.0	0.022
6E6-PSP-30/05	6"	142	754	20.0	0.022
6E6-PSP-30/06	6"	142	850	21.8	0.024
6E6-PSP-30/07	6"	142	946	23.6	0.027
6E6-PSP-30/08	6"	142	1042	25.4	0.029
6E6-PSP-30/09	6"	142	1138	27.7	0.032
6E6-PSP-30/10	6"	142	1234	29.5	0.034
6E6-PSP-30/11	6"	142	1330	31.3	0.037
6E6-PSP-30/12	6"	142	1426	33.1	0.039
6E6-PSP-30/13	6"	142	1522	35.4	0.042
6E6-PSP-30/14	6"	142	1618	37.2	0.044
6E6-PSP-30/15	6"	142	1714	39.0	0.046
6E6-PSP-30/16	6"	142	1810	40.8	0.049
6E6-PSP-30/17	6"	142	1906	42.6	0.051

STAINX - 6" Submersible Pump



Parameters	Values
Nominal flow rate	30 m³/hr
Flow range	0 - 47 m³/hr
Head range	Up to 650 mtr
Max.pump efficiency(η _p)	75%
Motor power	1.50 - 55.0 kW
Rated speed	3450 rpm
Pipe connection	3" / 4"

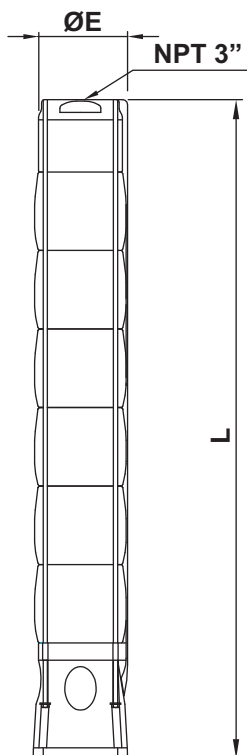
MATERIAL OF CONSTRUCTION

PART NAME	MATERIAL	PART NAME	MATERIAL
Delivery casing	SS AISI 304 / CF8	Strainer	SS AISI 304
Di user	SS AISI 304	Coupling	SS AISI 304
Impeller	SS AISI 304	Suction Interconnector	SS AISI 304 / CF8
Bearing	NBR	Upper Thrust	SS AISI 304 / NBR
Neck ring	NBR	Pump shaft	SS AISI 431

STAINX - 6" Submersible Pump

Performance Table

Model Name	kW	HP	Stage	Q	n = 3450 rpm						
				m ³ /hr	0	4	12	24	32	40	47
				l/min	0	67	200	400	533	667	783
PSP-30/18	26.0	35.0	18	H mts	300	301	287	252	224	177	120
PSP-30/19	26.0	35.0	19		316	318	301	266	235	185	126
PSP-30/20	26.0	35.0	20		332	333	316	278	247	194	131
PSP-30/21	30.0	40.0	21		349	350	333	291	258	204	137
PSP-30/22	30.0	40.0	22		365	366	349	304	270	212	144
PSP-30/23	30.0	40.0	23		380	382	363	317	280	220	149
PSP-30/24	37.0	50.0	24		398	401	381	336	299	237	161
PSP-30/25	37.0	50.0	25		414	418	396	350	310	245	167
PSP-30/26	37.0	50.0	26		429	432	412	362	320	254	172
PSP-30/27	37.0	50.0	27		445	449	427	375	333	263	178
PSP-30/28	37.0	50.0	28		461	465	441	388	344	272	183
PSP-30/29	45.0	60.0	29		485	489	465	410	366	293	202
PSP-30/31	45.0	60.0	31		516	520	496	437	390	310	213
PSP-30/33	45.0	60.0	33		549	552	527	465	413	330	227
PSP-30/36	55.0	75.0	36		601	607	579	511	458	365	253
PSP-30/39	55.0	75.0	39		650	657	626	552	493	395	272

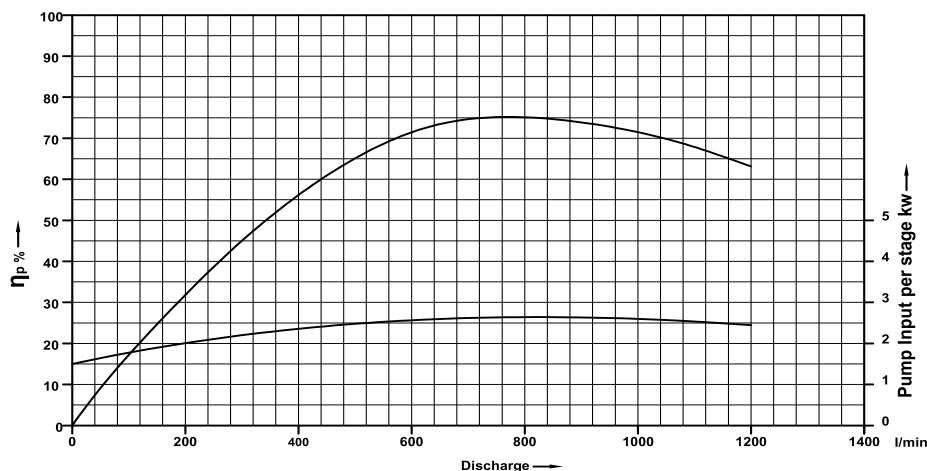
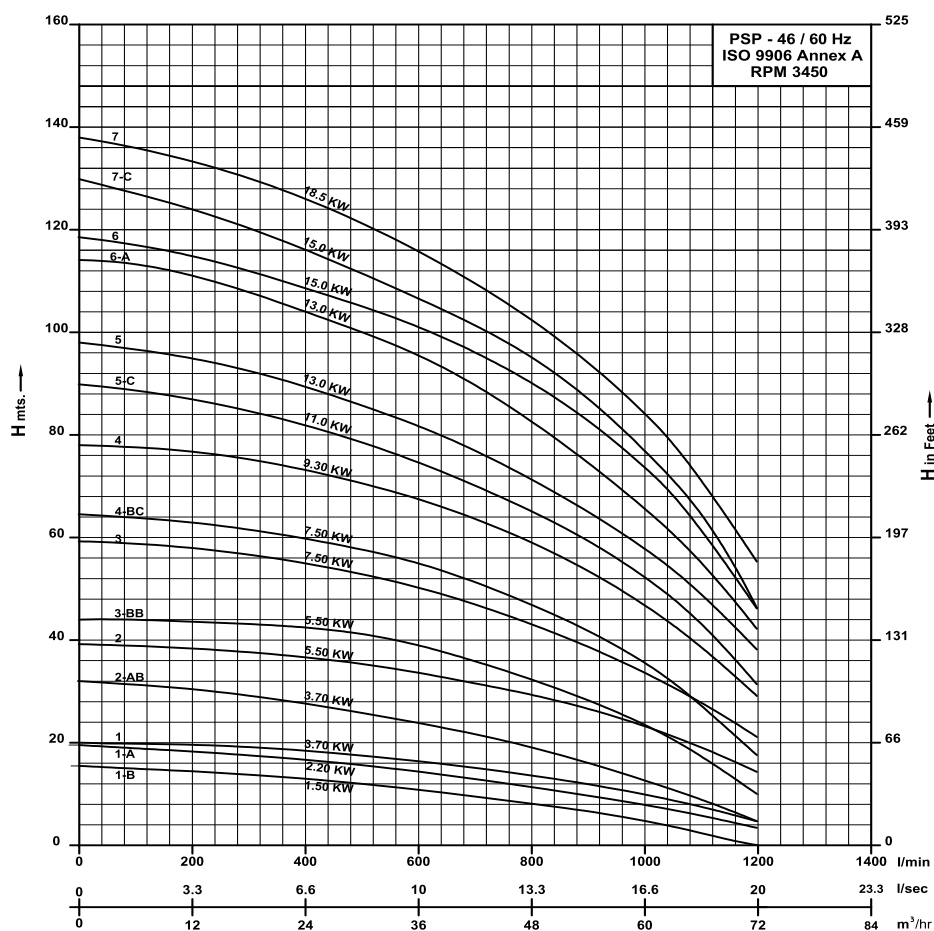


Dimensions & Weights

Model Name	Motor Joining Size	ØE (mm)	L (mm)	Pump Gross Weight (kg)	Pump Gross Volume (m ³)
6E6-PSP-30/18	6"	142	2002	44.9	0.054
6E6-PSP-30/19	6"	142	2098	46.7	0.056
6E6-PSP-30/20	6"	142	2194	48.5	0.059
6E6-PSP-30/21	6"	142	2290	50.3	0.061
6E6-PSP-30/22	6"	142	2386	52.6	0.064
6E6-PSP-30/23	6"	142	2482	54.4	0.066
6E6-PSP-30/24	6"	142	2578	56.2	0.069
6E6-PSP-30/25	6"	142	2674	58	0.071
6E6-PSP-30/26	6"	142	2770	60.3	0.073
6E6-PSP-30/27	6"	142	2866	62.1	0.076
6E6-PSP-30/28	6"	142	2962	63.9	0.078
6E8-PSP-30/29	8"	194	3158	65.8	0.081
6E8-PSP-30/31	8"	194	3350	69.8	0.086
6E8-PSP-30/33	8"	194	3454	73.5	0.091
6E8-PSP-30/36	8"	194	3830	79.4	0.098
6E8-PSP-30/39	8"	194	4118	85.3	0.105

PSP-30/24 to PSP-30/39 is mounted in sleeve / adapter optional

STAINX - 6" Submersible Pump



Parameters	Values
Nominal flow rate	46 m³/hr
Flow range	0 - 71.8 m³/hr
Head range	Up to 474 mtr
Max.pump efficiency(η_p)	75%
Motor power	1.50 - 55.0 kW
Rated speed	3450 rpm
Pipe connection	3",4"

MATERIAL OF CONSTRUCTION

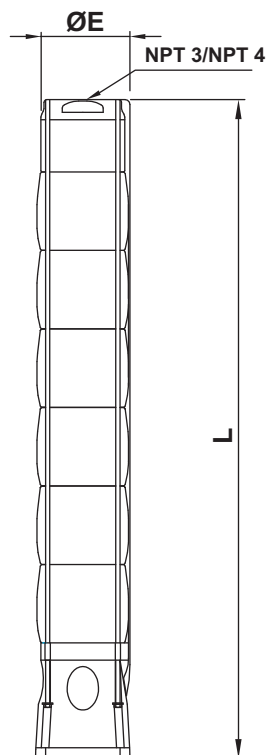
PART NAME	MATERIAL
Delivery casing	SS AISI 304 / CF8
Di user	SS AISI 304
Impeller	SS AISI 304
Bearing	NBR
Neck ring	NBR

PART NAME	MATERIAL
Strainer	SS AISI 304
Coupling	SS AISI 304
Suction Interconnector	SS AISI 304 / CF8
Upper Thrust	SS AISI 304 / NBR
Pump shaft	SS AISI 431

STAINX - 6" Submersible Pump

Performance Table

Model Name	kW	HP	Stage	Q	n = 3450 rpm					
				m ³ /hr	0	10.0	30.0	40.0	56.0	71.8
				l/min	0	167	500	667	933	1198
PSP-46/08	1.50	2.00	1	H mts	15	13	11	10	6	0
PSP-46/09	2.20	3.00	1		19	17	14	12	8	3
PSP-46/10	3.70	5.00	1		20	19	16	14	11	5
PSP-46/11	3.70	5.00	2		32	30	26	23	16	5
PSP-46/12	5.50	7.50	2		39	38	33	30	24	14
PSP-46/13	5.50	7.50	3		45	44	39	35	25	10
PSP-46/14	7.50	10.0	3		59	56	49	45	36	21
PSP-46/15	7.50	10.0	4		65	62	55	49	37	17
PSP-46/16	9.30	12.5	4		78	75	66	60	48	29
PSP-46/17	11.0	15.0	5		91	88	77	70	54	31
PSP-46/18	13.0	17.5	5		98	95	84	76	61	38
PSP-46/19	13.0	17.5	6		114	111	98	89	70	42
PSP-46/20	15.0	20.0	6		118	114	100	92	73	46
PSP-46/22	15.0	20.0	7		130	126	111	101	79	46
PSP-46/24	18.5	25.0	7		138	133	118	108	87	55

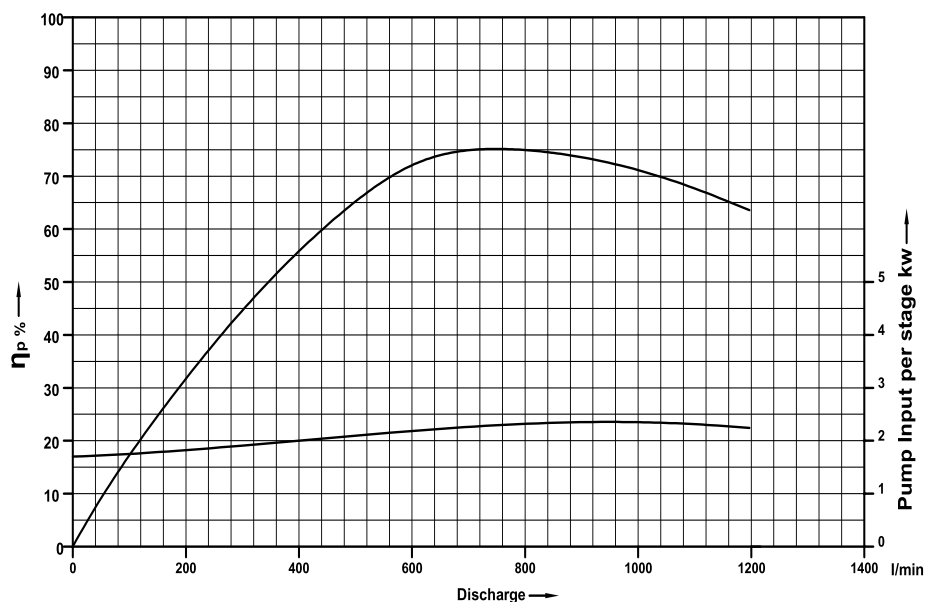
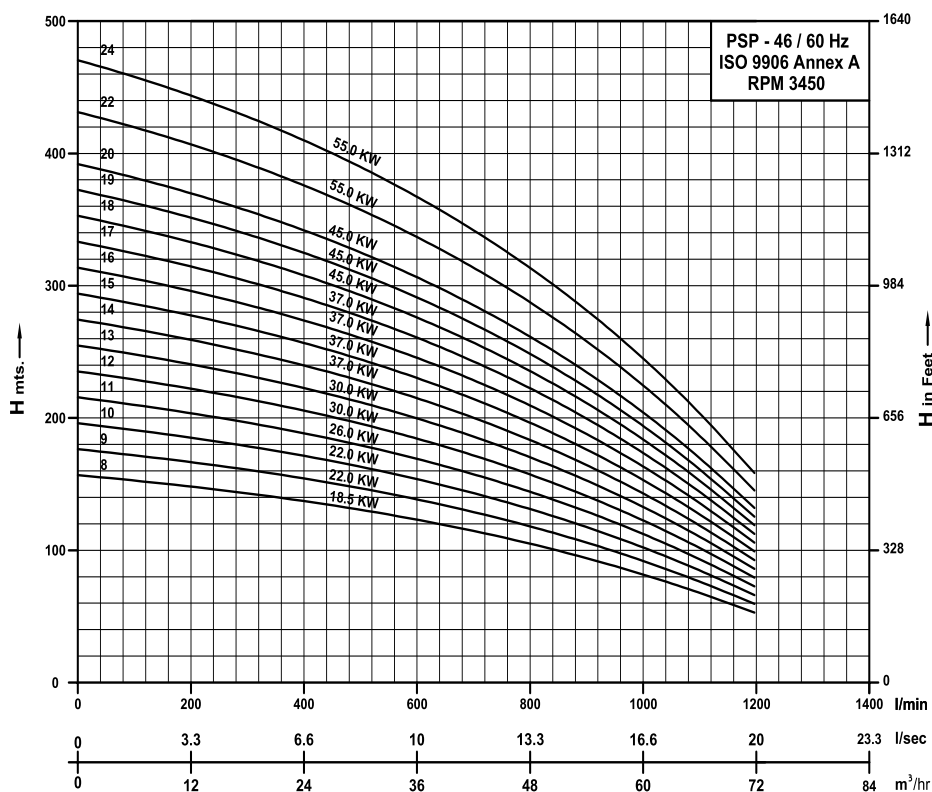


Dimensions & Weights

Model Name	Motor Joining Size	ØE (mm)	L (mm)	Pump Gross Weight (kg)	Pump Gross Volume (m ³)
6E6-PSP-46/08	6"	148	1183	29.0	0.0320
6E6-PSP-46/09	6"	148	1296	31.7	0.0345
6E6-PSP-46/10	6"	148	1409	34.5	0.0374
6E6-PSP-46/11	6"	148	1522	37.2	0.0402
6E6-PSP-46/12	6"	148	1635	39.9	0.0428
6E6-PSP-46/13	6"	148	1748	42.6	0.0456
6E6-PSP-46/14	6"	148	1861	45.4	0.0481
6E6-PSP-46/15	6"	148	1974	48.1	0.0510
6E6-PSP-46/16	6"	148	2087	51.2	0.0538
6E6-PSP-46/17	6"	148	2200	54.0	0.0563
6E8-PSP-46/18	8"	190	2413	56.7	0.0592
6E8-PSP-46/19	8"	190	2526	59.4	0.0617
6E8-PSP-46/20	8"	190	2639	62.1	0.0646
6E8-PSP-46/22	8"	190	2865	67.6	0.0699
6E8-PSP-46/24	8"	190	3091	73.0	0.0753

PSP-46/20 to PSP-46/24 is mounted in sleeve / adapter optional

STAINX - 6" Submersible Pump



MATERIAL OF CONSTRUCTION

PART NAME	MATERIAL
Delivery casing	SS AISI 304 / CF8
Di user	SS AISI 304
Impeller	SS AISI 304
Bearing	NBR
Neck ring	NBR

PART NAME	MATERIAL
Strainer	SS AISI 304
Coupling	SS AISI 304
Suction Interconnector	SS AISI 304 / CF8
Upper Thrust	SS AISI 304 / NBR
Pump shaft	SS AISI 431

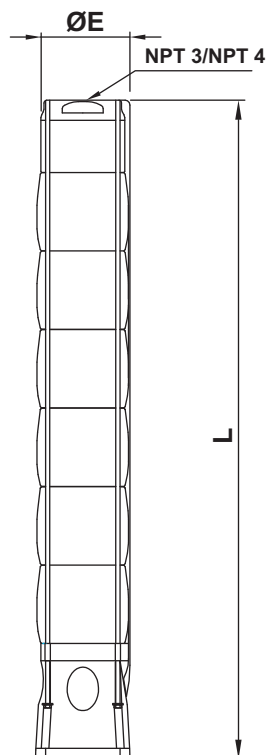


Parameters	Values
Nominal flow rate	46 m³/hr
Flow range	0 - 71.8 m³/hr
Head range	Up to 474 mtr
Max.pump efficiency(η_p)	75%
Motor power	1.50 - 55.0 kW
Rated speed	3450 rpm
Pipe connection	4"

STAINX - 6" Submersible Pump

Performance Table

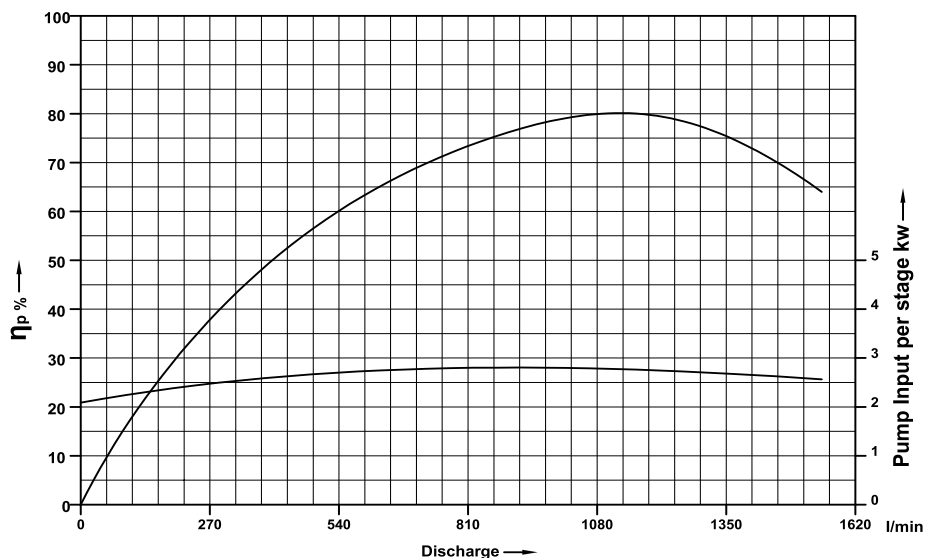
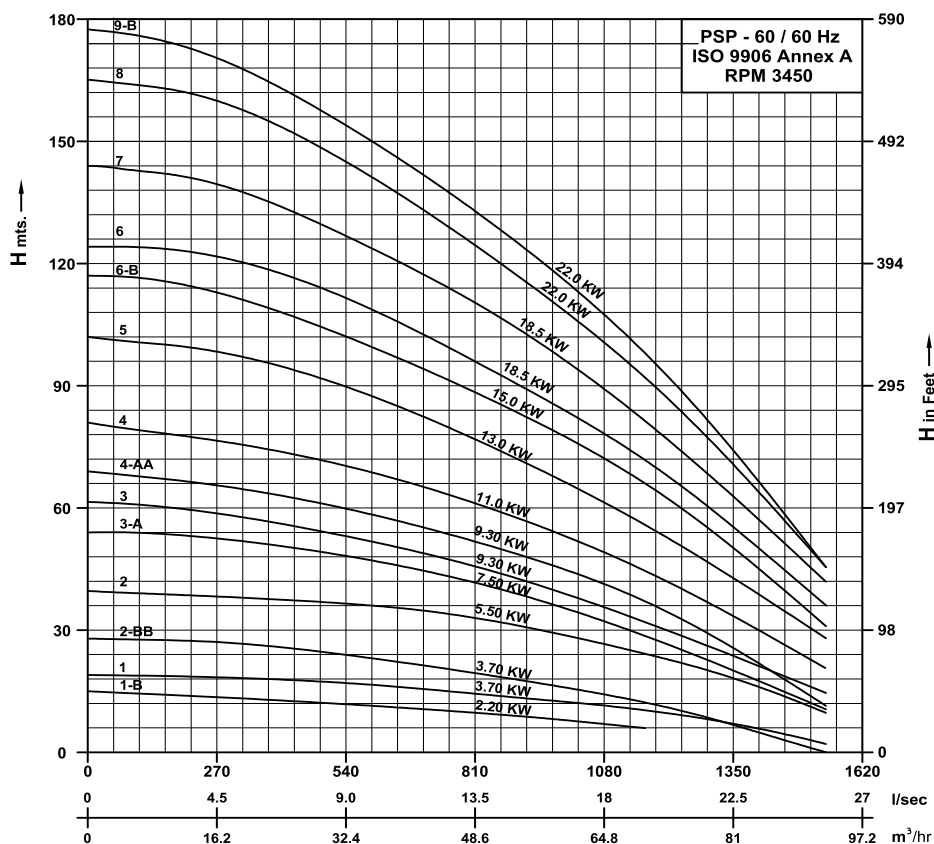
Model Name	kW	HP	Stage	Q	n = 3450 rpm					
				m ³ /hr	0	10.0	30.0	40.0	56.0	71.8
				l/min	0	167	500	667	933	1198
PSP-46/01-B	18.5	25.0	8	H mts	157	151	134	122	98	62
PSP-46/01-A	22.0	30.0	9		177	170	150	137	110	69
PSP-46/01	22.0	30.0	10		198	190	169	155	126	80
PSP-46/02-AB	26.0	35.0	11		217	209	185	170	137	87
PSP-46/02	30.0	40.0	12		236	229	203	185	149	96
PSP-46/03-BB	30.0	40.0	13		255	246	218	198	160	102
PSP-46/03	37.0	50.0	14		275	266	237	217	176	113
PSP-46/04-BC	37.0	50.0	15		294	284	253	233	187	119
PSP-46/04	37.0	50.0	16		313	303	269	247	198	126
PSP-46/05-C	37.0	50.0	17		332	320	285	261	211	134
PSP-46/05	45.0	60.0	18		356	344	307	283	228	148
PSP-46/06-A	45.0	60.0	19		375	364	323	297	240	155
PSP-46/06	45.0	60.0	20		394	382	340	313	253	161
PSP-46/07-C	55.0	75.0	22		436	422	377	347	280	180
PSP-46/07	55.0	75.0	24		474	460	410	378	305	195



Dimensions & Weights

Model Name	Motor Joining Size	ØE (mm)	L (mm)	Pump Gross Weight (kg)	Pump Gross Volume (m ³)
6E4-PSP-46/01-B	4"	146	392	10.0	0.013
6E4-PSP-46/01-A	4"	146	392	10.0	0.013
6E4-PSP-46/01	4"	146	392	10.0	0.013
6E4-PSP-46/02-AB	4"	146	505	12.7	0.016
6E4-PSP-46/02	4"	146	505	12.7	0.016
6E4-PSP-46/03-BB	4"	146	618	15.4	0.018
6E4-PSP-46/03	4"	146	618	15.4	0.018
6E4-PSP-46/04-BC	4"	146	731	18.1	0.021
6E6-PSP-46/03	6"	148	618	15.4	0.018
6E6-PSP-46/04-BC	6"	148	731	18.1	0.021
6E6-PSP-46/04	6"	148	731	18.1	0.021
6E6-PSP-46/05-C	6"	148	844	20.9	0.024
6E6-PSP-46/05	6"	148	844	20.9	0.024
6E6-PSP-46/06-A	6"	148	957	23.6	0.027
6E6-PSP-46/06	6"	148	957	23.6	0.027
6E6-PSP-46/07-C	6"	148	1070	26.3	0.029
6E6-PSP-46/07	6"	148	1070	26.3	0.029

STAINX - 6" Submersible Pump



MATERIAL OF CONSTRUCTION

PART NAME	MATERIAL
Delivery casing	SS AISI 304 / CF8
Di user	SS AISI 304
Impeller	SS AISI 304
Bearing	NBR
Neck ring	NBR

PART NAME	MATERIAL
Strainer	SS AISI 304
Coupling	SS AISI 304
Suction Interconnector	SS AISI 304 / CF8
Upper Thrust	SS AISI 304 / NBR
Pump shaft	SS AISI 431

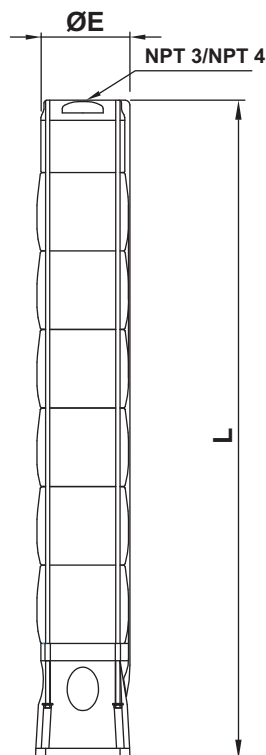


Parameters	Values
Nominal flow rate	60 m³/hr
Flow range	0-93 m³/hr
Head range	Up to 444 mtr
Max.pump efficiency(η_p)	80%
Motor power	2.20 - 66.0 kW
Rated speed	3450 rpm
Pipe connection	3",4"

STAINX - 6" Submersible Pump

Performance Table

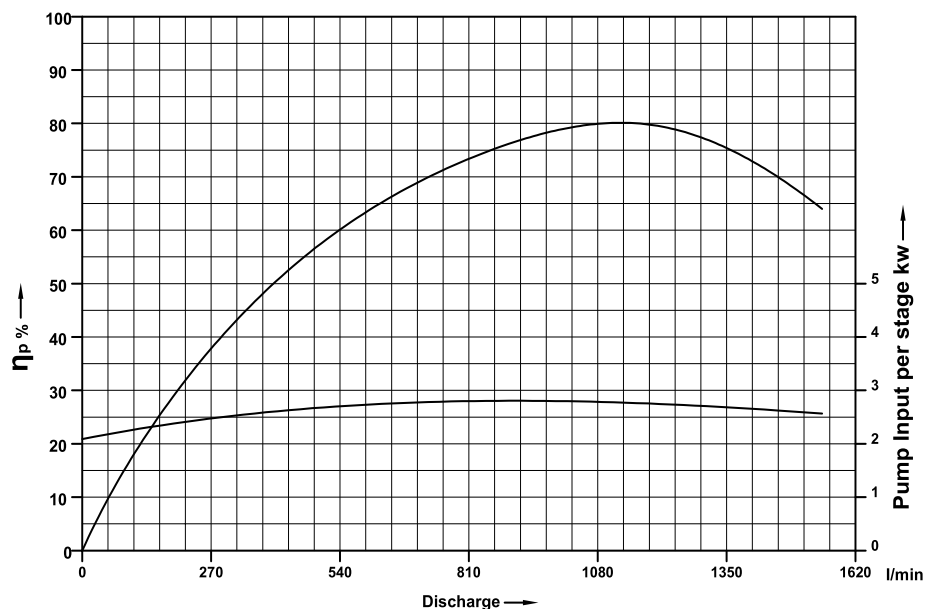
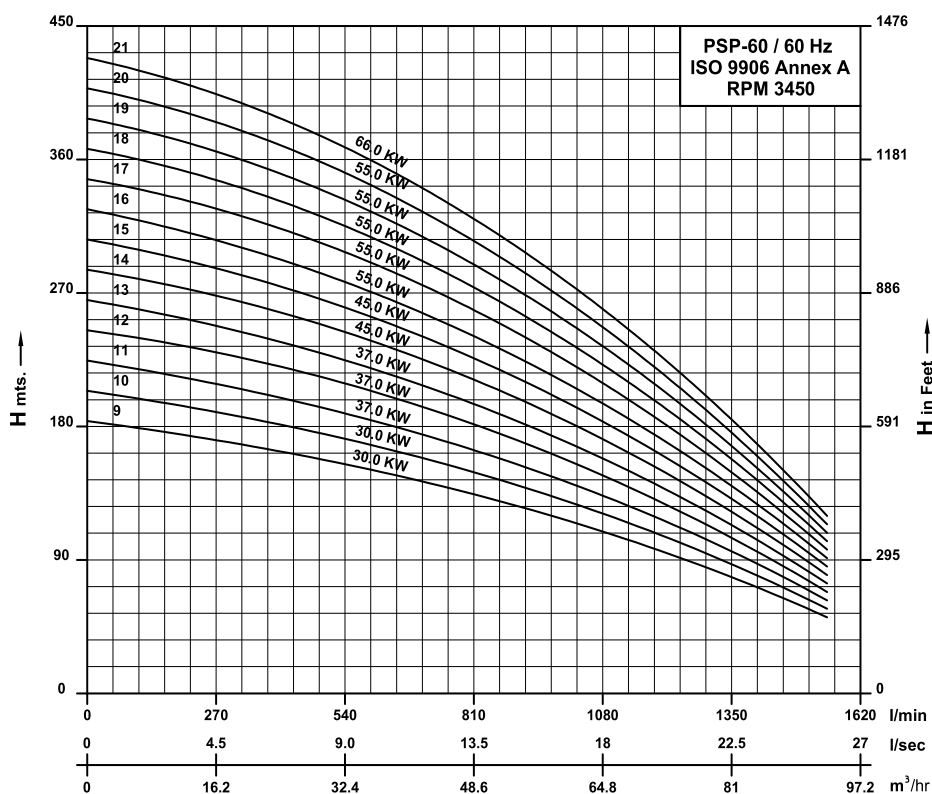
Model Name	kW	HP	Stage	Q	n = 3450 rpm						
				m³/hr	0	5	10	30	50	70	93
				l/min	0	83	167	500	834	1167	1550
PSP-60/01-B	2.20	3.00	1	H mts	15	14	14	11	9	6	-
PSP-60/01	3.70	5.00	1		19	19	19	17	12	10	2
PSP-60/02-BB	3.70	5.00	2		27	27	27	23	19	13	0
PSP-60/02	5.50	7.50	2		40	39	39	35	27	21	9
PSP-60/03-A	7.50	10.0	3		54	53	53	48	38	29	10
PSP-60/03	9.30	12.5	3		61	60	60	54	43	33	15
PSP-60/04-AA	9.30	12.5	4		69	68	68	61	49	37	11
PSP-60/04	11.0	15.0	4		81	80	80	72	57	45	21
PSP-60/05	13.0	17.5	5		102	101	100	91	72	56	27
PSP-60/06-B	15.0	20.0	6		117	116	116	105	86	66	31
PSP-60/06	18.5	25.0	6		124	123	123	111	89	70	36
PSP-60/07	18.5	25.0	7		144	143	142	128	104	81	42
PSP-60/08	22.0	30.0	8		165	163	162	147	118	92	47
PSP-60/09-B	22.0	30.0	9		177	175	174	157	127	98	47



Dimensions & Weights

Model Name	Motor Joining Size	ØE (mm)	L (mm)	Pump Gross Weight (kg)	Pump Gross Volume (m³)
6E4-PSP-60/01-B	4"	146	392	5.9	0.013
6E4-PSP-60/01	4"	146	392	5.9	0.013
6E4-PSP-60/02-BB	4"	146	505	8.6	0.016
6E4-PSP-60/02	4"	146	505	8.6	0.016
6E4-PSP-60/03-A	4"	146	618	11.3	0.018
6E6-PSP-60/03-A	6"	148	731	11.8	0.021
6E6-PSP-60/03	6"	148	618	11.8	0.018
6E6-PSP-60/04-AA	6"	148	731	14.5	0.021
6E6-PSP-60/04	6"	148	731	14.5	0.021
6E6-PSP-60/05	6"	148	844	17.2	0.024
6E6-PSP-60/06-B	6"	148	957	20.0	0.027
6E6-PSP-60/06	6"	148	957	20.0	0.027
6E6-PSP-60/07	6"	148	1070	22.7	0.029
6E6-PSP-60/08	6"	148	1183	25.4	0.032
6E6-PSP-60/09-B	6"	148	1296	28.1	0.035

STAINX - 6" Submersible Pump



Parameters	Values
Nominal flow rate	60 m³/hr
Flow range	0 - 93 m³/hr
Head range	Up to 444 mtr
Max.pump efficiency(η_p)	80%
Motor power	2.20 - 66.0 kW
Rated speed	3450 rpm
Pipe connection	4"

MATERIAL OF CONSTRUCTION

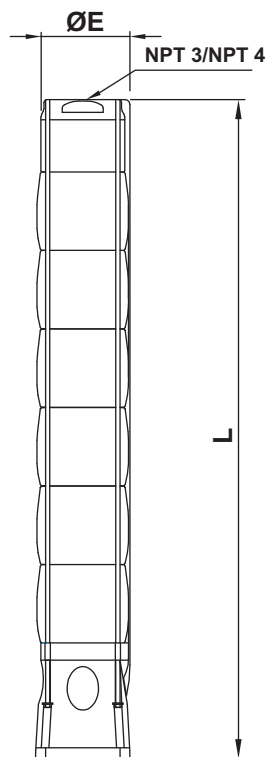
PART NAME	MATERIAL
Delivery casing	SS AISI 304 / CF8
Di user	SS AISI 304
Impeller	SS AISI 304
Bearing	NBR
Neck ring	NBR

PART NAME	MATERIAL
Strainer	SS AISI 304
Coupling	SS AISI 304
Suction Interconnector	SS AISI 304 / CF8
Upper Thrust	SS AISI 304 / NBR
Pump shaft	SS AISI 431

STAINX - 6" Submersible Pump

Performance Table

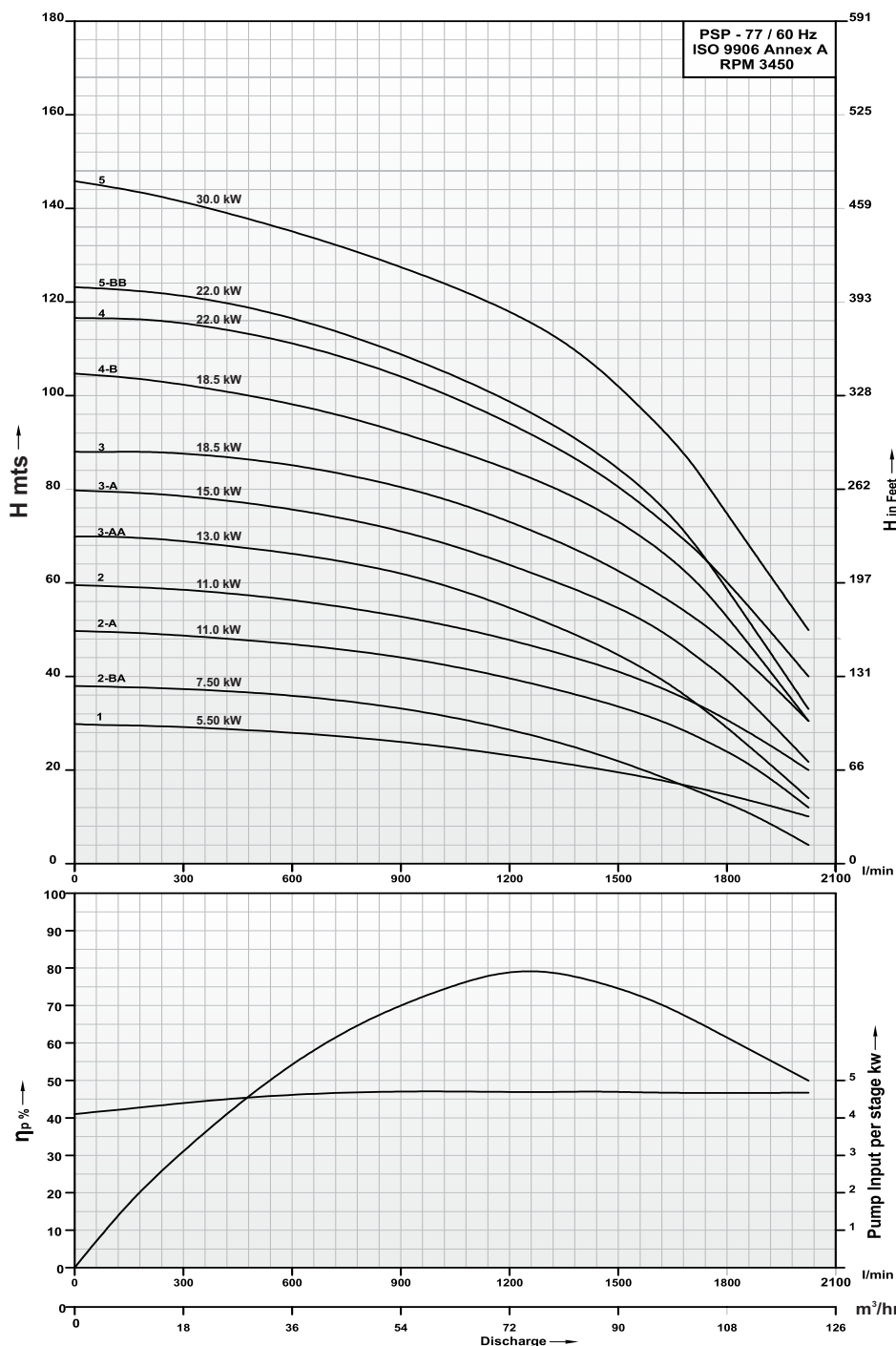
Model Name	kW	HP	Stage	Q	n = 3450 rpm						
				m ³ /hr	0	5	10	30	50	70	93
				l/min	0	83	167	500	834	1167	1550
PSP-60/09	30.0	40.0	9	H mtr.	184	181	181	163	132	102	52
PSP-60/10	30.0	40.0	10		207	205	204	184	150	117	62
PSP-60/11	37.0	50.0	11		228	226	224	202	164	128	68
PSP-60/12	37.0	50.0	12		251	248	247	223	181	142	75
PSP-60/13	37.0	50.0	13		271	268	266	241	195	153	80
PSP-60/14	45.0	60.0	14		290	287	286	258	210	165	88
PSP-60/15	45.0	60.0	15		316	313	312	283	231	182	100
PSP-60/16	55.0	75.0	16		337	333	332	301	247	193	106
PSP-60/17	55.0	75.0	17		357	353	351	320	261	205	113
PSP-60/18	55.0	75.0	18		382	378	375	342	280	220	121
PSP-60/19	55.0	75.0	19		402	398	396	360	295	232	127
PSP-60/20	55.0	75.0	20		422	418	415	379	310	243	134
PSP-60/21	66.0	90.0	21		444	440	437	398	325	256	141



Dimensions & Weights

Model Name	Motor Joining Size	ØE (mm)	L (mm)	Pump Gross Weight (kg)	Pump Gross Volume (m ³)
6E6-PSP-60/09	6"	148	1296	28.1	0.035
6E6-PSP-60/10	6"	148	1409	30.4	0.037
6E6-PSP-60/11	6"	148	1522	33.1	0.040
6E6-PSP-60/12	6"	148	1635	35.8	0.043
6E6-PSP-60/13	6"	148	1748	38.5	0.046
6E6-PSP-60/14	6"	148	1861	41.3	0.048
6E8-PSP-60/15	8"	190	2074	49.0	0.051
6E8-PSP-60/16	8"	190	2187	51.7	0.054
6E8-PSP-60/17	8"	190	2300	54.9	0.056
6E8-PSP-60/18	8"	190	2413	57.1	0.059
6E8-PSP-60/19	8"	190	2526	59.9	0.062
6E8-PSP-60/20	8"	190	2639	62.6	0.065
6E8-PSP-60/21	8"	190	2752	65.3	0.067

STAINX - 8" Submersible Pump



Parameters	Values
Nominal flow rate	77 m³/hr
Flow range	0-120 m³/hr
Head range	Up to 435 mtr
Max.pump efficiency(η_p)	79%
Motor power	5.50 - 93.0 kW
Rated speed	3450 rpm
Pipe connection	5"

MATERIAL OF CONSTRUCTION

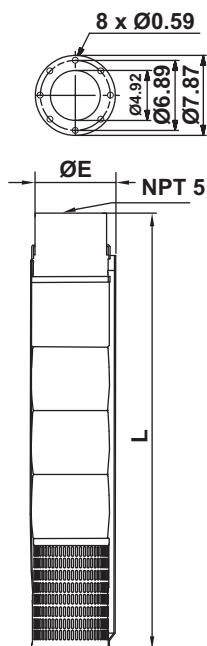
PART NAME	MATERIAL
Delivery casing	SS AISI 304 / CF8
Di user	SS AISI 304
Impeller	SS AISI 304
Bearing	NBR
Neck ring	NBR

PART NAME	MATERIAL
Strainer	SS AISI 304
Coupling	SS AISI 304
Suction Interconnector	SS AISI 304 / CF8
Upper Thrust	SS AISI 304 / NR
Pump shaft	SS AISI 431

STAINX - 8" Submersible Pump

Performance Table

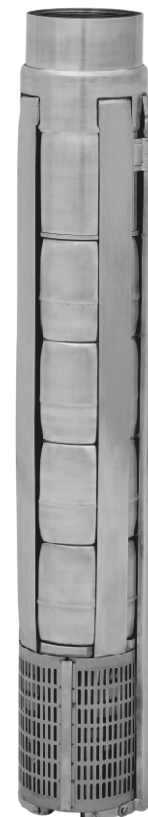
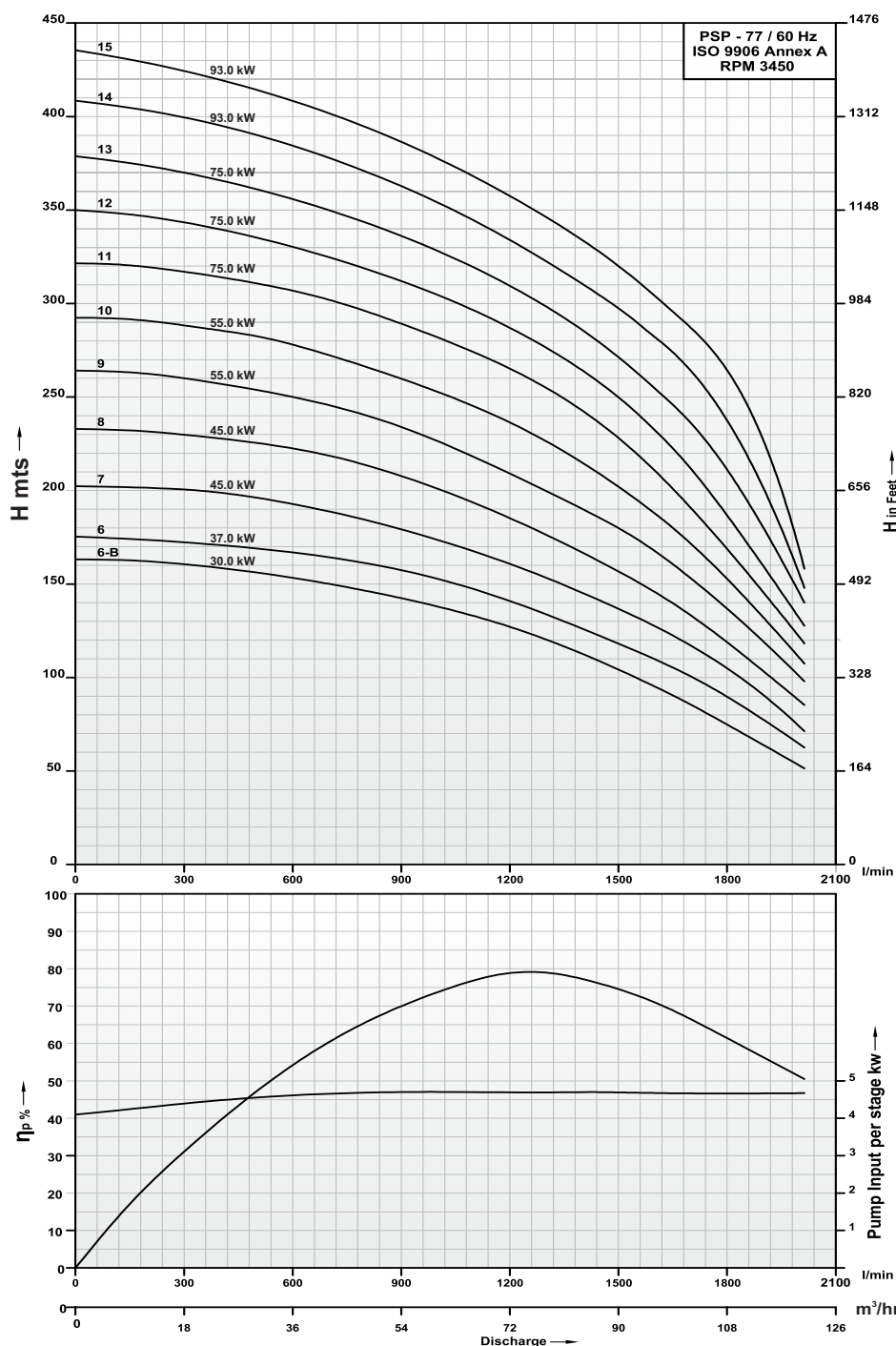
Model Name	kW	HP	Stage	Q	n = 3450 rpm							
				m ³ /hr	0	10	20	50	70	90	100	120
				l/min	0	167	333	833	1167	1500	1667	2000
PSP-77/01	5.50	7.50	1	H mts	30	30	29	23	20	17	16	10
PSP-77/02-BA	7.50	10.0	2		38	38	37	32	27	20	16	4
PSP-77/02-A	11.0	12.5	2		50	49	48	41	35	28	24	12
PSP-77/02	11.0	15.0	2		59	58	57	48	41	35	31	20
PSP-77/03-AA	13.0	17.5	3		70	69	68	58	50	40	33	14
PSP-77/03-A	15.0	20.0	3		79	78	77	65	56	47	40	22
PSP-77/03	18.5	25.0	3		88	88	86	73	64	55	48	31
PSP-77/04-B	18.5	25.0	4		105	105	103	88	76	63	54	31
PSP-77/04	22.0	30.0	4		117	116	114	97	84	72	64	40
PSP-77/05-BB	22.0	30.0	5		123	122	120	103	88	73	62	33
PSP-77/05	30.0	40.0	5		146	146	144	122	106	91	80	51



Dimensions & Weights

Model Name	Motor Joining Size	ØE (mm)	L (mm)	Pump Gross Weight (kg)	Pump Gross Volume (m ³)
8E6-PSP-77/01	6"	178	618	25.9	0.027
8E6-PSP-77/02-BA	6"	178	746	29.9	0.031
8E6-PSP-77/02-A	6"	178	746	29.9	0.031
8E6-PSP-77/02	6"	178	746	29.9	0.031
8E6-PSP-77/03-AA	6"	178	874	34.0	0.036
8E6-PSP-77/03-A	6"	178	874	34.0	0.036
8E6-PSP-77/03	6"	178	874	34.0	0.036
8E6-PSP-77/04-B	6"	178	1002	38.1	0.040
8E6-PSP-77/04	6"	178	1002	38.1	0.040
8E6-PSP-77/05-BB	6"	178	1130	42.2	0.045
8E6-PSP-77/05	6"	178	1130	42.2	0.045

STAINX - 8" Submersible Pump



Parameters	Values
Nominal flow rate	77 m³/hr
Flow range	0-120 m³/hr
Head range	Up to 435 mtr
Max.pump efficiency(η _p)	79%
Motor power	5.50 - 93.0 kW
Rated speed	3450 rpm
Pipe connection	5"

MATERIAL OF CONSTRUCTION

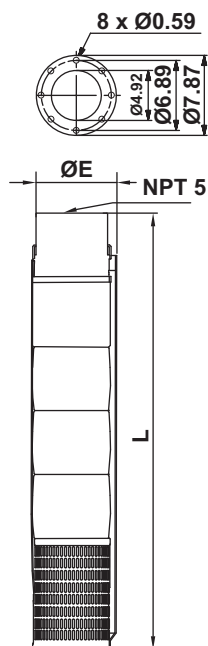
PART NAME	MATERIAL
Delivery casing	SS AISI 304 / CF8
Di user	SS AISI 304
Impeller	SS AISI 304
Bearing	NBR
Neck ring	NBR

PART NAME	MATERIAL
Strainer	SS AISI 304
Coupling	SS AISI 304
Suction Interconnector	SS AISI 304 / CF8
Upper Thrust	SS AISI 304 / NBR
Pump shaft	SS AISI 431

STAINX - 8" Submersible Pump

Performance Table

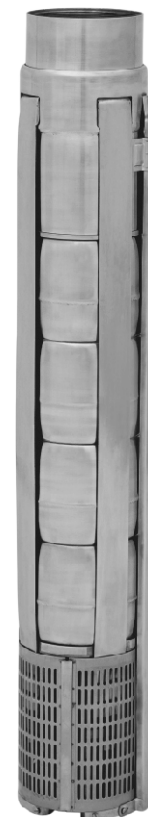
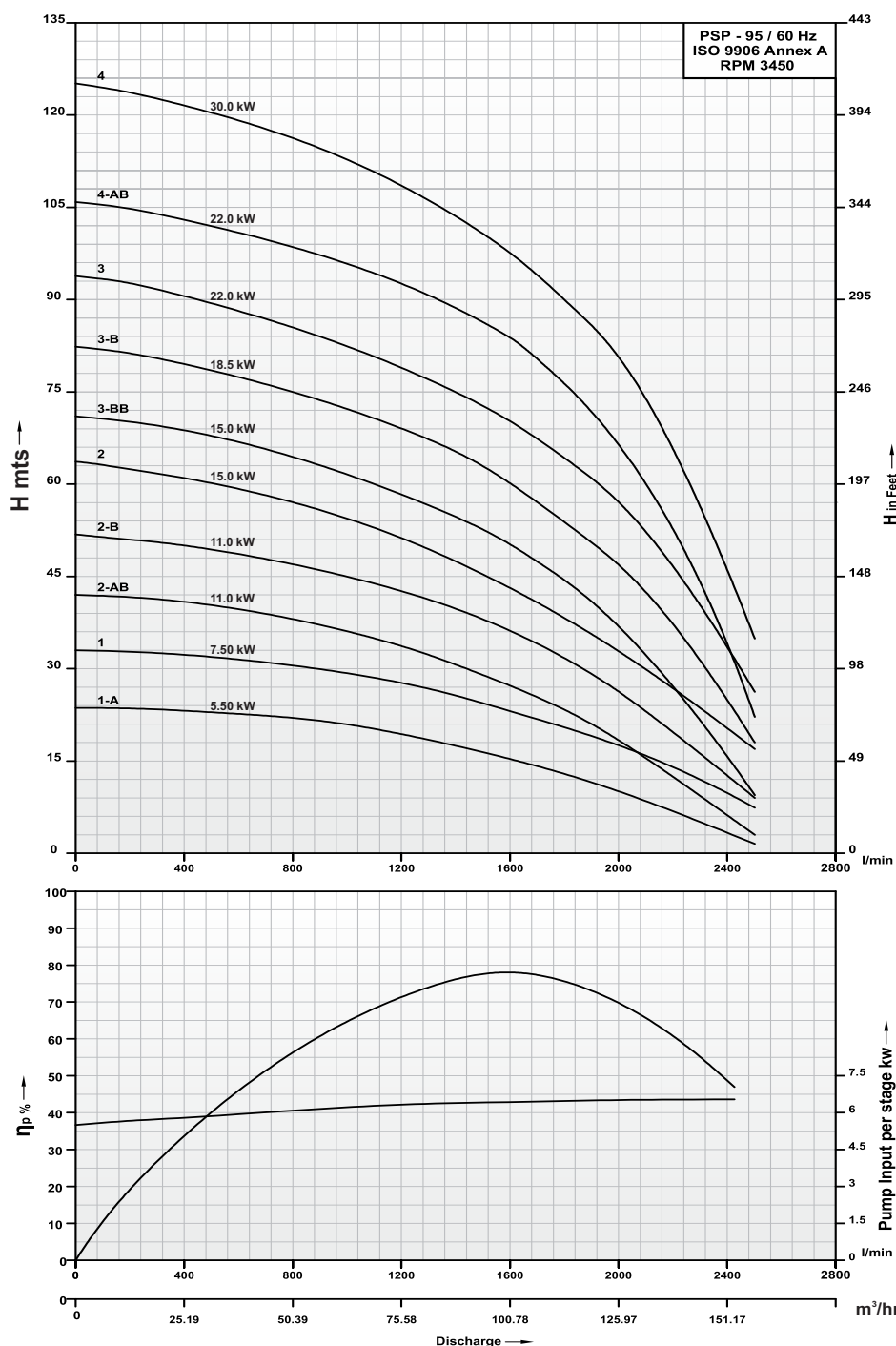
Model Name	kW	HP	Stage	Q	n = 3450 rpm							
				m³/hr	0	10	20	50	70	90	100	120
				l/min	0	167	333	833	1167	1500	1667	2000
PSP-77/06-B	30.0	40.0	6	H mts	163	163	160	137	118	99	87	51
PSP-77/06	37.0	50.0	6		175	175	173	148	129	110	98	62
PSP-77/07	45.0	60.0	7		202	202	200	170	148	126	112	72
PSP-77/08	45.0	60.0	8		233	234	230	198	174	148	133	85
PSP-77/09	55.0	75.0	9		264	265	261	225	197	169	151	98
PSP-77/10	55.0	75.0	10		292	293	289	249	218	187	167	108
PSP-77/11	75.0	100.0	11		321	322	318	274	240	205	183	118
PSP-77/12	75.0	100.0	12		350	350	345	297	260	223	197	127
PSP-77/13	75.0	100.0	13		379	380	376	324	284	243	215	140
PSP-77/14	93.0	125.0	14		408	409	403	347	304	260	230	148
PSP-77/15	93.0	125.0	15		435	437	431	371	325	277	246	158



Dimensions & Weights

Model Name	Motor Joining Size	ØE (mm)	L (mm)	Pump Gross Weight (kg)	Pump Gross Volume (m³)
8E6-PSP-77/06-B	6"	178	1258	46.3	0.050
8E6-PSP-77/06	6"	178	1258	46.3	0.050
8E6-PSP-77/07	6"	178	1386	50.3	0.054
8E8-PSP-77/08	8"	200	1529	54	0.059
8E8-PSP-77/09	8"	200	1657	59	0.063
8E8-PSP-77/10	8"	200	1785	63	0.068
8E8-PSP-77/11	8"	200	1913	67	0.072
8E8-PSP-77/12	8"	200	2041	71	0.077
8E8-PSP-77/13	8"	200	2169	75	0.081
8E8-PSP-77/14	8"	200	2297	79	0.086
8E8-PSP-77/15	8"	200	2425	83	0.090

STAINX - 8" Submersible Pump



Parameters	Values
Nominal flow rate	95 m³/hr
Flow range	0-150 m³/hr
Head range	Up to 399 mtr
Max.pump efficiency(η _p)	79%
Motor power	5.50 - 93.0 kW
Rated speed	3450 rpm
Pipe connection	5"

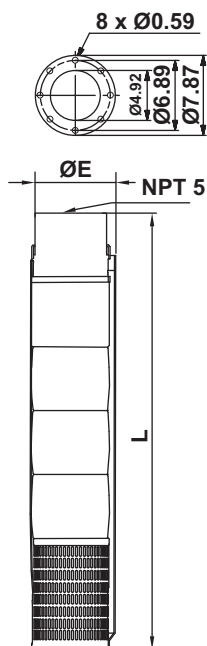
MATERIAL OF CONSTRUCTION

PART NAME	MATERIAL	PART NAME	MATERIAL
Delivery casing	SS AISI 304 / CF8	Strainer	SS AISI 304
Di user	SS AISI 304	Coupling	SS AISI 304
Impeller	SS AISI 304	Suction Interconnector	SS AISI 304 / CF8
Bearing	NBR	Upper Thrust	SS AISI 304 / NBR
Neck ring	NBR	Pump shaft	SS AISI 431

STAINX - 8" Submersible Pump

Performance Table

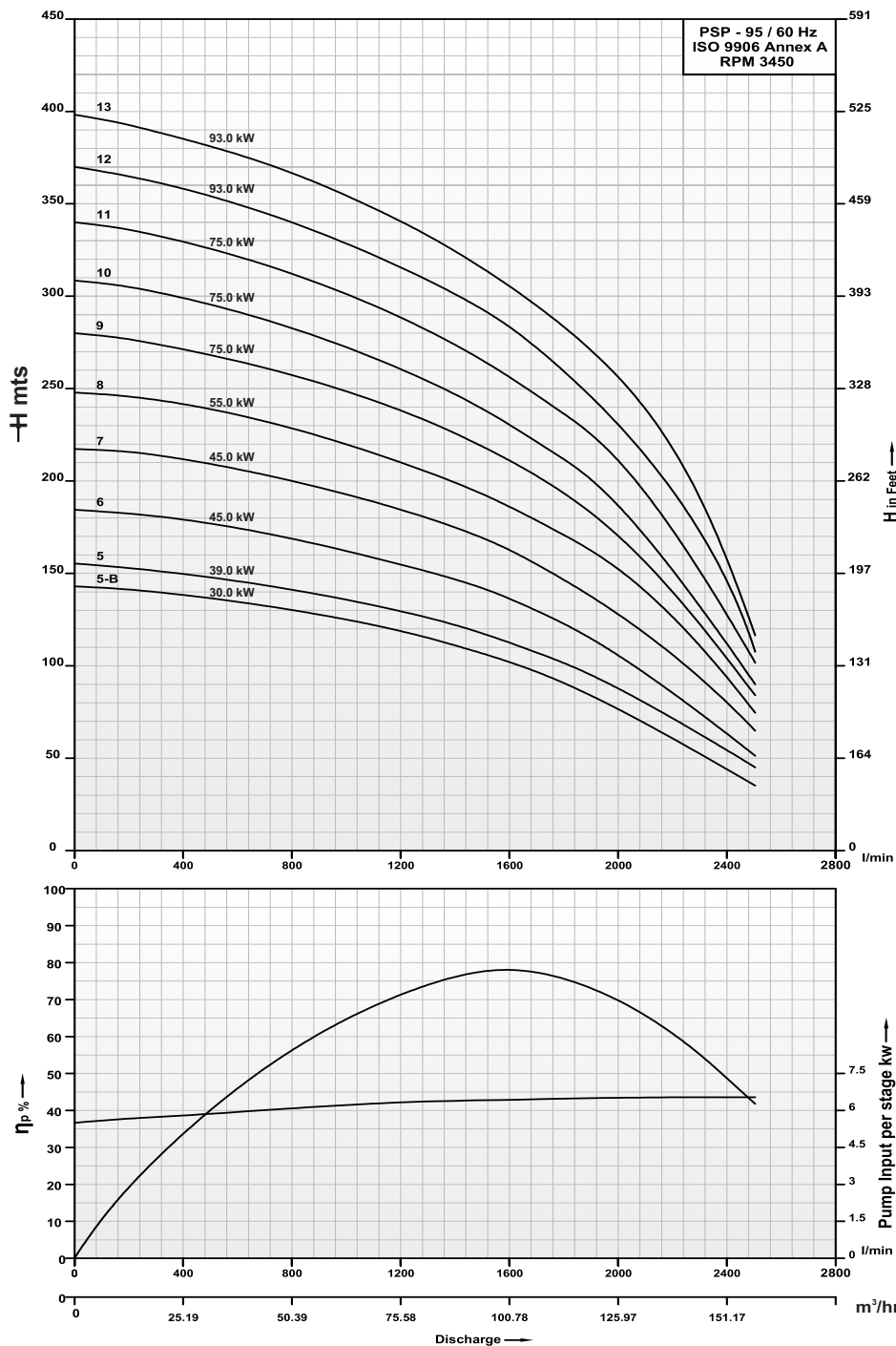
Model Name	kW	HP	Stage	Q	n = 3450 rpm						
				m³/hr	0	10	20	80	100	120	150
				l/min	0	167	333	1333	1667	2000	2500
PSP-95/01-A	5.50	7.50	1	H mtr.	23	23	23	16	14	10	2
PSP-95/01	7.50	10.0	1		33	31	30	20	18	15	8
PSP-95/02-AB	11.0	15.0	2		42	42	41	30	25	17	3
PSP-95/02-B	11.0	15.0	2		52	51	49	35	30	23	9
PSP-95/02	15.0	20.0	2		64	63	61	43	39	32	17
PSP-95/03-BB	15.0	20.0	3		71	70	68	48	41	30	10
PSP-95/03-B	18.5	25.0	3		83	81	79	57	50	40	18
PSP-95/03	22.0	30.0	3		94	93	90	66	59	48	26
PSP-95/04-AB	22.0	30.0	4		106	104	102	74	65	50	22
PSP-95/04	30.0	40.0	4		125	123	121	88	79	65	35



Dimensions & Weights

Model Name	Motor Joining Size	ØE (mm)	L (mm)	Pump Gross Weight (kg)	Pump Gross Volume (m³)
8E6-PSP-95/01-A	6"	178	618	25.9	0.027
8E6-PSP-95/01	6"	178	618	25.9	0.027
8E6-PSP-95/02-AB	6"	178	746	29.9	0.031
8E6-PSP-95/02-B	6"	178	746	29.9	0.031
8E6-PSP-95/02	6"	178	746	29.9	0.031
8E6-PSP-95/03-BB	6"	178	874	34.0	0.036
8E6-PSP-95/03-B	6"	178	874	34.0	0.036
8E6-PSP-95/03	6"	178	874	34.0	0.036
8E6-PSP-95/04-AB	6"	178	1002	38.1	0.040
8E6-PSP-95/04	6"	178	1002	38.1	0.040

STAINX - 8" Submersible Pump



Parameters	Values
Nominal flow rate	95 m³/hr
Flow range	0-150 m³/hr
Head range	Up to 399 mtr
Max.pump efficiency(η_p)	79%
Motor power	5.50 - 93.0 kW
Rated speed	3450 rpm
Pipe connection	5"

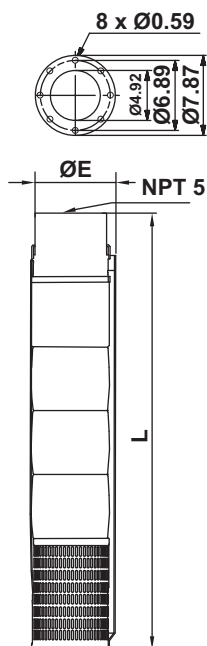
MATERIAL OF CONSTRUCTION

PART NAME	MATERIAL	PART NAME	MATERIAL
Delivery casing	SS AISI 304 / CF8	Strainer	SS AISI 304
Di user	SS AISI 304	Coupling	SS AISI 304
Impeller	SS AISI 304	Suction Interconnector	SS AISI 304 / CF8
Bearing	NBR	Upper Thrust	SS AISI 304 / NBR
Neck ring	NBR	Pump shaft	SS AISI 431

STAINX - 8" Submersible Pump

Performance Table

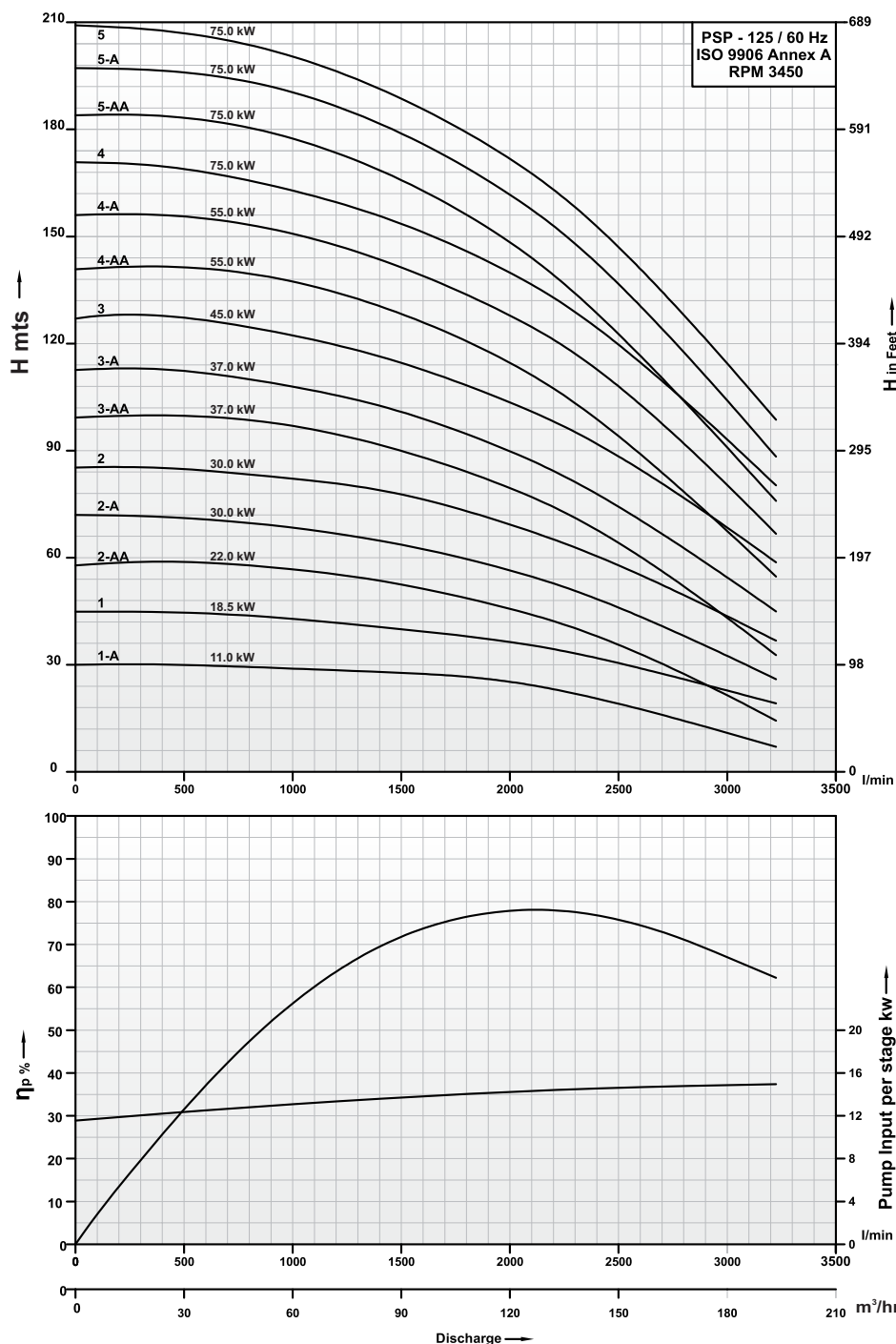
Model Name	kW	HP	Stage	Q	n = 3450 rpm						
				m³/hr	0	10	20	80	100	120	150
				l/min	0	167	333	1333	1667	2000	2500
PSP-95/05-B	30.0	40.0	5	H mts	143	141	138	101	89	71	35
PSP-95/05	37.0	50.0	5		155	153	150	110	99	83	45
PSP-95/06	45.0	60.0	6		184	182	178	131	117	97	51
PSP-95/07	45.0	60.0	7		217	215	211	157	140	116	63
PSP-95/08	55.0	75.0	8		248	247	242	180	162	135	74
PSP-95/09	75.0	100.0	9		280	277	272	202	182	150	83
PSP-95/10	75.0	100.0	10		308	307	300	223	201	166	90
PSP-95/11	75.0	100.0	11		340	337	332	247	222	185	101
PSP-95/12	93.0	125.0	12		370	367	360	267	241	200	108
PSP-95/13	93.0	125.0	13		399	395	388	289	259	215	116



Dimensions & Weights

Model Name	Motor Joining Size	ØE (mm)	L (mm)	Pump Gross Weight (kg)	Pump Gross Volume (m³)
8E6-PSP-95/05-B	6"	178	1130	42	0.045
8E6-PSP-95/05	6"	178	1130	42	0.045
8E6-PSP-95/06	6"	178	1258	46	0.050
8E8-PSP-95/07	8"	200	1386	50	0.054
8E8-PSP-95/08	8"	200	1514	54	0.059
8E8-PSP-95/09	8"	200	1657	59	0.063
8E8-PSP-95/10	8"	200	1785	63	0.068
8E8-PSP-95/11	8"	200	1913	67	0.072
8E8-PSP-95/12	8"	200	2041	71	0.077
8E8-PSP-95/13	8"	200	2169	75	0.081

STAINX - 10" Submersible Pump



Parameters	Values
Nominal flow rate	125 m³/hr
Flow range	0-195 m³/hr
Head range	Up to 540 mtr
Max.pump efficiency(η _p)	78%
Motor power	11.0 - 185.0 kW
Rated speed	3450 rpm
Pipe connection	6"

MATERIAL OF CONSTRUCTION

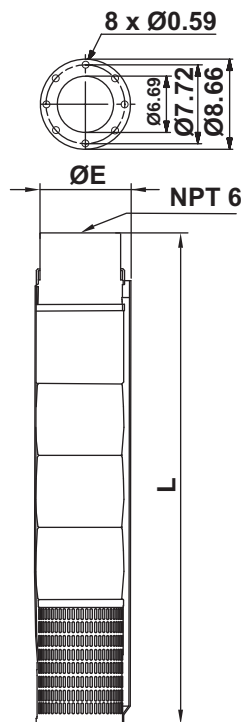
PART NAME	MATERIAL
Delivery casing	SS AISI 304 / CF8
Di user	SS AISI 304
Impeller	SS AISI 304
Bearing	NBR
Neck ring	NBR

PART NAME	MATERIAL
Strainer	SS AISI 304
Coupling	SS AISI 304
Suction Interconnector	SS AISI 304 / CF8
Upper Thrust	SS AISI 304 / NBR
Pump shaft	SS AISI 431

STAINX - 10" Submersible Pump

Performance Table

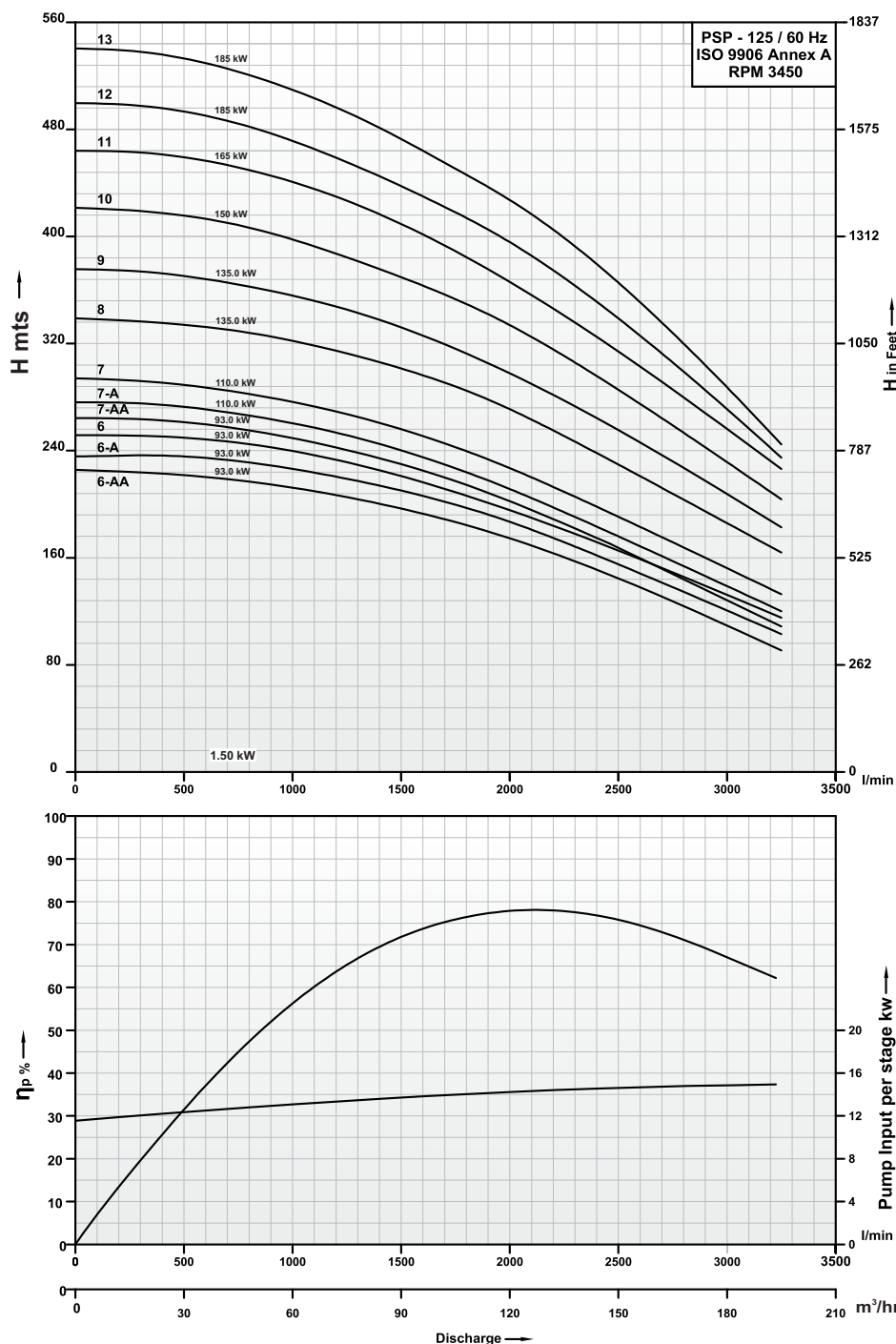
Model Name	kW	HP	Stage	Q	n = 3450 rpm					
				m ³ /hr	0	20	60	100	140	195
				l/min	0	333	1000	1667	2334	3251
PSP-125/01-A	11.0	15.0	1	H mts	30	31	28	25	21	8
PSP-125/01	18.5	25.0	1		44	44	41	35	30	19
PSP-125/02-AA	22.0	30.0	2		58	60	56	50	41	15
PSP-125/02-A	30.0	40.0	2		72	73	68	60	51	26
PSP-125/02	30.0	40.0	2		85	87	80	71	61	37
PSP-125/03-AA	37.0	50.0	3		99	102	96	85	72	33
PSP-125/03-A	37.0	50.0	3		113	115	108	95	81	44
PSP-125/03	45.0	60.0	3		127	130	122	108	94	59
PSP-125/04-AA	55.0	75.0	4		142	145	138	124	106	55
PSP-125/04-A	55.0	75.0	4		156	159	150	134	116	67
PSP-125/04	75.0	100.0	4		170	173	162	145	126	80
PSP-125/05-AA	75.0	100.0	5		184	188	178	160	137	75
PSP-125/05-A	75.0	100.0	5		197	201	190	171	148	88
PSP-125/05	75.0	100.0	5		209	215	202	181	158	99



Dimensions & Weights

Model Name	Motor Joining Size	ØE (mm)	L (mm)	Pump Gross Weight (kg)	Pump Gross Volume (m ³)
10E6-PSP-125/01-A	6"	211	641	26	0.027
10E6-PSP-125/01	6"	211	641	26	0.027
10E6-PSP-125/02-AA	6"	211	796	30	0.031
10E6-PSP-125/02-A	6"	211	796	30	0.031
10E6-PSP-125/02	6"	211	796	30	0.031
10E6-PSP-125/03-AA	6"	211	951	34	0.036
10E6-PSP-125/03-A	6"	211	951	34	0.036
10E8-PSP-125/03	8"	213	951	34	0.036
10E8-PSP-125/04-AA	8"	213	1106	39	0.040
10E8-PSP-125/04-A	8"	213	1106	39	0.040
10E8-PSP-125/04	8"	213	1106	39	0.040
10E8-PSP-125/05-AA	8"	213	1261	43	0.045
10E8-PSP-125/05-A	8"	213	1261	43	0.045
10E8-PSP-125/05	8"	213	1261	43	0.045

STAINX - 10" Submersible Pump



Parameters	Values
Nominal flow rate	125 m³/hr
Flow range	0 - 195 l/min
Head range	Up to 540 mtr
Max.pump efficiency(η_p)	78%
Motor power	11.0 - 185.0 kW
Rated speed	3450 rpm
Pipe connection	6"

MATERIAL OF CONSTRUCTION

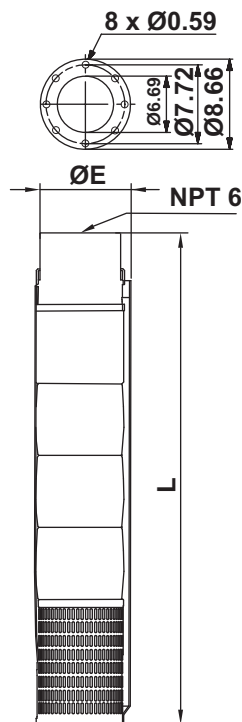
PART NAME	MATERIAL
Delivery casing	SS AISI 304 / CF8
Di user	SS AISI 304
Impeller	SS AISI 304
Bearing	NBR
Neck ring	NBR

PART NAME	MATERIAL
Strainer	SS AISI 304
Coupling	SS AISI 304
Suction Interconnector	SS AISI 304 / CF8
Upper Thrust	SS AISI 304 / NBR
Pump shaft	SS AISI 431

STAINX - 10" Submersible Pump

Performance Table

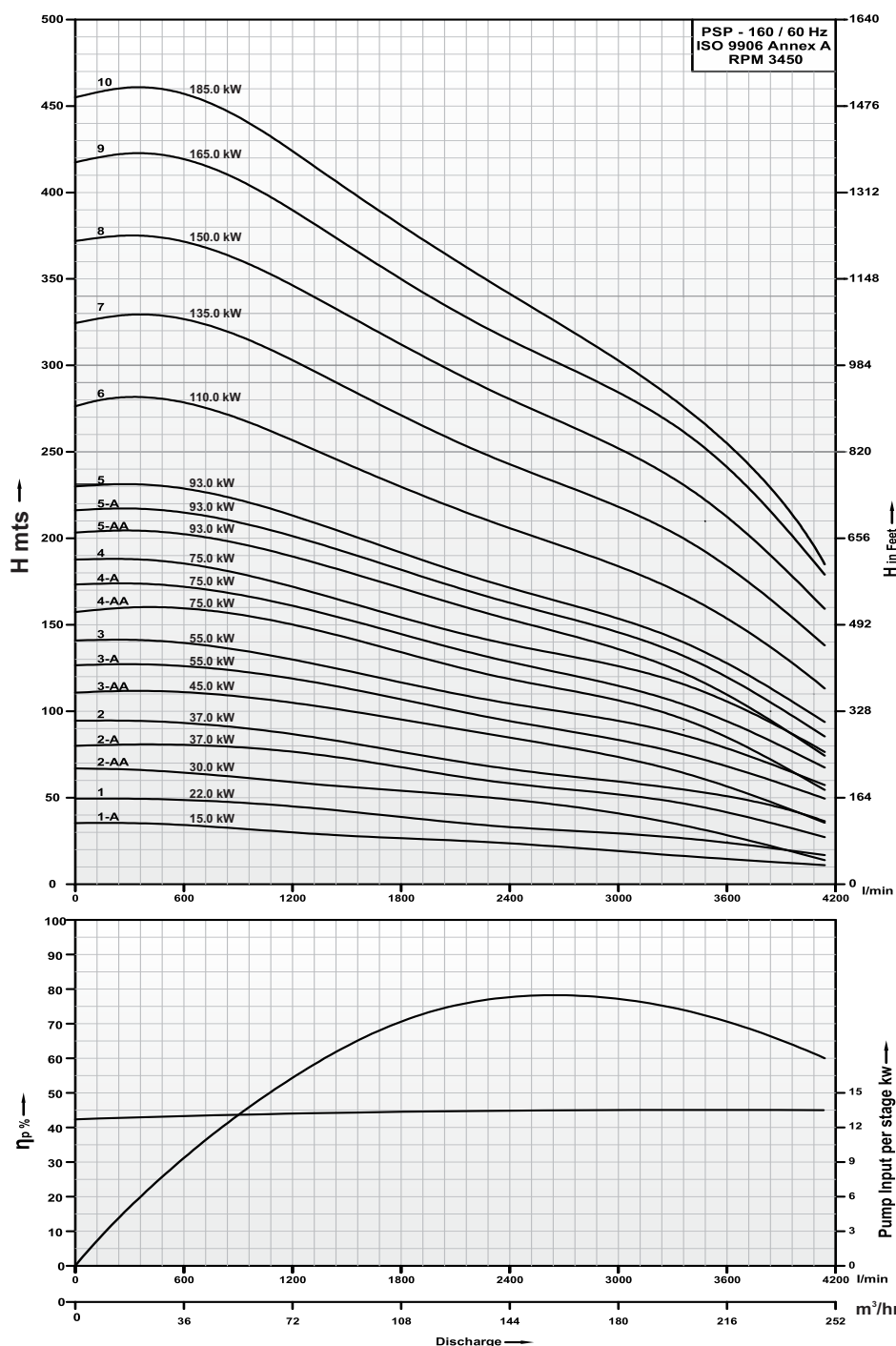
Model Name	kW	HP	Stage	Q	n = 3450 rpm					
				m ³ /hr	0	20	60	100	140	195
				l/min	0	333	1000	1667	2334	3251
PSP-125/06-AA	93.0	125.0	6	H mts	225	230	218	195	167	94
PSP-125/06-A	93.0	125.0	6		238	243	230	205	177	105
PSP-125/06	93.0	125.0	6		251	255	241	215	187	117
PSP-125/07-AA	93.0	125.0	7		265	269	255	230	196	110
PSP-125/07-A	110.0	150.0	7		278	283	267	239	207	122
PSP-125/07	110.0	150.0	7		293	298	282	252	220	137
PSP-125/08	135.0	180.0	8		337	344	326	292	256	163
PSP-125/09	135.0	180.0	9		379	385	365	326	287	182
PSP-125/10	150.0	200.0	10		422	430	408	365	321	205
PSP-125/11	165.0	225.0	11		464	472	450	402	355	226
PSP-125/12	185.0	250.0	12		500	509	482	430	375	233
PSP-125/13	185.0	250.0	13		540	549	520	461	401	247



Dimensions & Weights

Model Name	Motor Joining Size	ØE (mm)	L (mm)	Pump Gross Weight (kg)	Pump Gross Volume (m ³)
10E8-PSP-125/6-AA	8"	213	1416	47	0.050
10E8-PSP-125/6-A	8"	213	1416	47	0.050
10E8-PSP-125/6	8"	213	1416	47	0.050
10E8-PSP-125/7-AA	8"	213	1571	51	0.054
10E8-PSP-125/7-A	8"	213	1571	51	0.054
10E8-PSP-125/7	8"	213	1571	51	0.054
10E10-PSP-125/08	10"	240	1727	55	0.059
10E10-PSP-125/09	10"	240	1880	59	0.063
10E10-PSP-125/10	10"	240	2032	63	0.068
10E10-PSP-125/11	10"	240	2184	68	0.072
10E10-PSP-125/12	10"	240	2337	72	0.077
10E10-PSP-125/13	10"	240	2489	76	0.081

STAINX - 10" Submersible Pump



Parameters	Values
Nominal flow rate	160 m³/hr
Flow range	0-250 m³/hr
Head range	Up to 456 mtr
Max.pump efficiency(η _p)	78%
Motor power	15.0 - 185.0 kW
Rated speed	3450 rpm
Pipe connection	6"

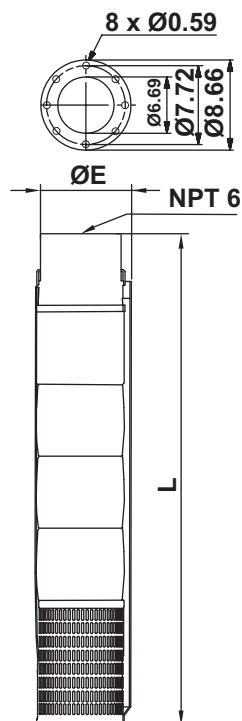
MATERIAL OF CONSTRUCTION

PART NAME	MATERIAL	PART NAME	MATERIAL
Delivery casing	SS AISI 304 / CF8	Strainer	SS AISI 304
Di user	SS AISI 304	Coupling	SS AISI 304
Impeller	SS AISI 304	Suction Interconnector	SS AISI 304 / CF8
Bearing	NBR	Upper Thrust	SS AISI 304 / NBR
Neck ring	NBR	Pump shaft	SS AISI 431

STAINX - 10" Submersible Pump

Performance Table

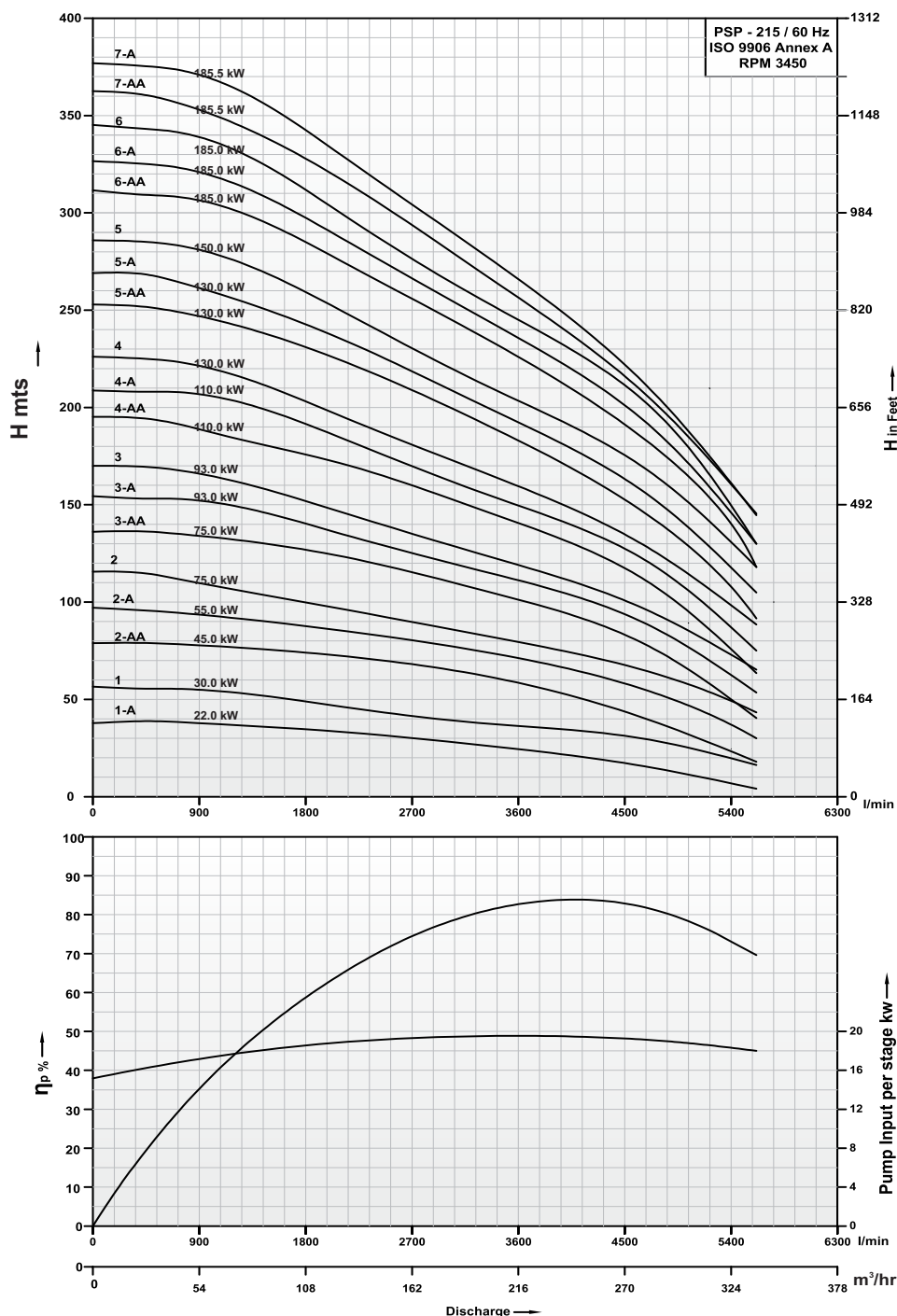
Model Name	kW	HP	Stage	Q	n = 3450 rpm					
				m³/hr	0	20	80	140	200	250
				l/min	0	333	1333	2334	3334	4168
PSP-160/01-A	15.0	20.0	1	H mts	35	35	29	24	17	6
PSP-160/01	22.0	30.0	1		49	49	43	34	28	18
PSP-160/02-AA	30.0	40.0	2		67	66	58	49	36	14
PSP-160/02-A	37.0	50.0	2		80	81	73	59	47	27
PSP-160/02	37.0	50.0	2		94	94	84	68	56	37
PSP-160/03-AA	45.0	60.0	3		111	113	103	86	66	36
PSP-160/03-A	55.0	75.0	3		127	128	116	96	78	49
PSP-160/03	55.0	75.0	3		141	142	127	105	87	58
PSP-160/04-AA	75.0	100.0	4		158	160	145	120	95	55
PSP-160/04-A	75.0	100.0	4		173	174	158	130	106	68
PSP-160/04	75.0	100.0	4		187	188	168	140	116	77
PSP-160/05-AA	93.0	125.0	5		203	205	185	155	123	74
PSP-160/05-A	93.0	125.0	5		217	219	197	164	133	84
PSP-160/05	93.0	125.0	5		230	232	208	173	142	93
PSP-160/06	110.0	150.0	6		276	279	250	207	170	114
PSP-160/07	135.0	180.0	7		324	328	295	246	203	138
PSP-160/08	150.0	200.0	8		371	375	339	283	234	159
PSP-160/09	165.0	225.0	9		418	422	380	318	264	179
PSP-160/10	185.0	250.0	10		456	461	413	344	280	184



Dimensions & Weights

Model Name	Motor Joining Size	ØE (mm)	L (mm)	Pump Gross Weight (kg)	Pump Gross Volume (m³)
10E6-PSP-160/01-A	6"	211	635	25.9	0.0269
10E6-PSP-160/01	6"	211	635	25.9	0.0269
10E6-PSP-160/02-AA	6"	211	787	29.9	0.0314
10E6-PSP-160/02-A	6"	211	787	29.9	0.0314
10E6-PSP-160/02	6"	211	787	29.9	0.0314
10E8-PSP-160/03-AA	8"	213	940	34	0.0360
10E8-PSP-160/03-A	8"	213	940	34	0.0360
10E8-PSP-160/03	8"	213	940	34	0.0360
10E8-PSP-160/04-AA	8"	213	1118	39	0.0400
10E8-PSP-160/04-A	8"	213	1118	39	0.0400
10E8-PSP-160/04	8"	213	1118	39	0.0400
10E8-PSP-160/05-AA	8"	213	1270	43	0.0450
10E8-PSP-160/05-A	8"	213	1270	43	0.0450
10E8-PSP-160/05	8"	213	1270	43	0.0450
10E8-PSP-160/06	8"	213	1422	47	0.0500
10E10-PSP-160/07	10"	240	1575	51	0.0540
10E10-PSP-160/08	10"	240	1727	55	0.0590
10E10-PSP-160/09	10"	240	1880	59	0.0630
10E10-PSP-160/10	10"	240	2032	63	0.0680

STAINX - 10" Submersible Pump



Parameters	Values
Nominal flow rate	215 m³/hr
Flow range	0 - 335 m³/hr
Head range	Up to 378 mtr
Max.pump efficiency(η _p)	84%
Motor power	22.0 - 185.0 kW
Rated speed	3450 rpm
Pipe connection	6"

MATERIAL OF CONSTRUCTION

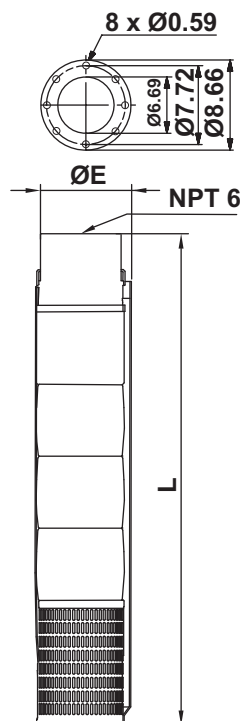
PART NAME	MATERIAL
Delivery casing	SS AISI 304 / CF8
Di user	SS AISI 304
Impeller	SS AISI 304
Bearing	NBR
Neck ring	NBR

PART NAME	MATERIAL
Strainer	SS AISI 304
Coupling	SS AISI 304
Suction Interconnector	SS AISI 304 / CF8
Upper Thrust	SS AISI 304 / NBR
Pump shaft	SS AISI 431

STAINX - 10" Submersible Pump

Performance Table

Model Name	kW	HP	Stage	Q	n = 3450 rpm						
				m ³ /hr	0	30	40	120	200	280	335
				l/min	0	500	667	2000	3334	4668	5583
PSP-215/01-A	22.0	30.0	1	H mts	38	39	38	34	27	16	4
PSP-215/01	30.0	40.0	1		56	55	55	47	38	30	16
PSP-215/02-AA	45.0	60.0	2		79	79	78	72	61	41	18
PSP-215/02-A	55.0	75.0	2		97	96	95	86	73	56	30
PSP-215/02	75.0	100.0	2		114	113	112	98	82	66	43
PSP-215/03-AA	75.0	100.0	3		137	136	135	123	105	79	41
PSP-215/03-A	93.0	125.0	3		153	152	152	135	114	89	53
PSP-215/03	93.0	125.0	3		170	169	168	147	123	98	65
PSP-215/04-AA	110.0	150.0	4		194	192	191	172	147	112	63
PSP-215/04-A	110.0	150.0	4		209	208	208	183	155	122	76
PSP-215/04	130.0	175.0	4		226	225	224	195	164	130	89
PSP-215/05-AA	130.0	175.0	5		252	251	250	224	191	148	91
PSP-215/05-A	130.0	175.0	5		269	268	266	235	200	158	104
PSP-215/05	150.0	200.0	5		287	286	285	250	211	170	118
PSP-215/06-AA	185.0	250.0	6		311	309	308	276	235	185	118
PSP-215/06-A	185.0	250.0	6		327	326	325	288	245	195	130
PSP-215/06	185.0	250.0	6		344	343	342	300	253	205	130
PSP-215/07-AA	185.0	250.0	7		362	360	358	318	268	208	144
PSP-215/07-A	185.0	250.0	7		378	376	374	330	277	215	143



Dimensions & Weights

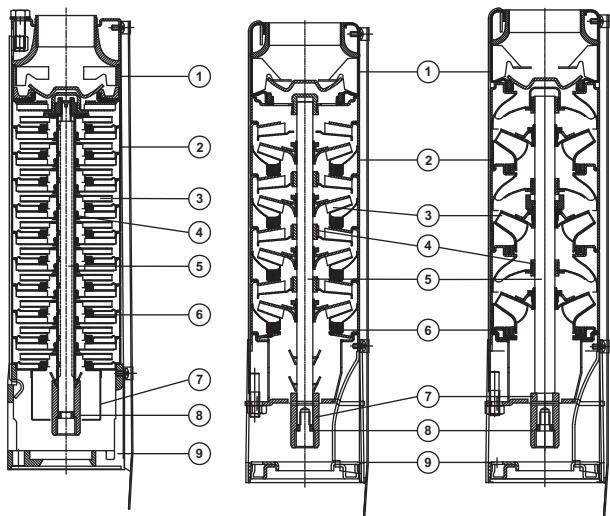
Model Name	Motor Joining Size	ØE (mm)	L (mm)	Pump Gross Weight (kg)	Pump Gross Volume (m ³)
10E6-PSP-215/01-A	6"	236	790	49	0.0510
10E6-PSP-215/01	6"	236	790	49	0.0510
10E8-PSP-215/02-AA	8"	239	966	59	0.0765
10E8-PSP-215/02-A	8"	239	966	59	0.0765
10E8-PSP-215/02	8"	239	966	59	0.0765
10E8-PSP-215/03-AA	8"	239	1142	101	0.1784
10E8-PSP-215/03-A	8"	239	1142	101	0.1784
10E8-PSP-215/03	8"	239	1142	101	0.1784
10E8-PSP-215/04-AA	8"	239	1318	114	0.2294
10E8-PSP-215/04-A	8"	239	1318	114	0.2294
10E8-PSP-215/04	8"	239	1318	114	0.2294
10E10-PSP-215/05-AA	10"	250	1494	128	0.2548
10E10-PSP-215/05-A	10"	250	1494	128	0.2548
10E10-PSP-215/05	10"	250	1494	128	0.2548
10E10-PSP-215/06-AA	10"	250	1670	141	0.2803
10E10-PSP-215/06-A	10"	250	1670	141	0.2803
10E10-PSP-215/06	10"	250	1670	141	0.2803
10E10-PSP-215/07-AA	10"	250	2146	155	0.3087
10E10-PSP-215/07-A	10"	250	2146	155	0.3087

Construction

Stainless steel submersible bore well pumps

Sectional drawing & Materials

4" Stainless steel submersible bore well pumps



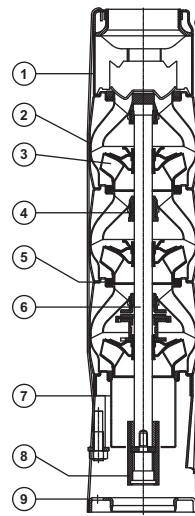
MSP2, MSP3,
MSP5

MSP8

MSP14

Pos.	Component	Material
1	Delivery casing	Stainless steel AISI 304 / CF8
2	Diffuser	Stainless steel AISI 304
3	Impeller	Stainless steel AISI 304
4	Bearing	NBR
5	Pump shaft	Stainless steel AISI 410 / 304
6	Neck ring	NBR
7	Strainer	Stainless steel AISI 304
8	Coupling	Stainless steel AISI 304
9	Suction inter connector	Stainless steel AISI 304

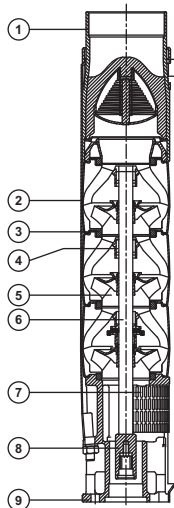
6" Stainless steel submersible bore well pumps



MSP17, MSP30, MSP46, MSP60

Pos.	Component	Material
1	Delivery casing	Stainless steel AISI 304
2	Diffuser	Stainless steel AISI 304
3	Impeller	Stainless steel AISI 304
4	Bearing	NBR
5	Neck ring	NBR
6	Pump shaft	Stainless steel AISI 431
7	Strainer	Stainless steel AISI 304
8	Coupling	Stainless steel AISI 304
9	Suction inter connector	Stainless steel AISI 304
10	Upper Thrust	Stainless steel AISI 304 / NR

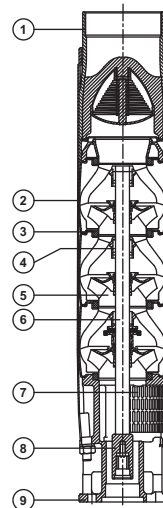
8" Stainless steel submersible bore well pumps



MSP77, MSP95

Pos.	Component	Material
1	Delivery casing	Stainless steel AISI 304 / CF8
2	Diffuser	AISI 304
3	Neck ring	NBR
4	Bearing	NBR
5	Impeller	AISI 304
6	Pump shaft	AISI 431
7	Strainer	Stainless steel AISI 304
8	Coupling	AISI 304
9	Suction inter connector	Stainless steel AISI 304 / CF8

10" Stainless steel submersible bore well pumps



MSP125, MSP160, MSP215

Pos.	Component	Material
1	Delivery casing	Stainless steel AISI 304 / CF8
2	Diffuser	Stainless steel AISI 304
3	Neck ring	NBR
4	Bearing	NBR
5	Impeller	Stainless steel AISI 304
6	Pump shaft	Stainless steel AISI 431
7	Strainer	Stainless steel AISI 304
8	Coupling	Stainless steel AISI 304
9	Suction inter connector	Stainless steel AISI 304 / CF8

NOTES:



HEAD OFFICE / FACTORY

PLUGA PUMPS AND MOTORS PRIVATE LIMITED

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