

A close-up photograph of water gushing out of a dark pipe, with a blurred background of a person in a red shirt. The image is partially cut off by a curved white border at the bottom.

stainless steel  
**SUBMERSIBLE  
PUMPS**

6"/7"/8"/10" - (50hz)



**f**<sup>®</sup> **STRONG**  
PUMP & MOTOR





## **STAINLESS STEEL SUBMERSIBLE PUMPS**

6"/7"/8"/10" - (50hz)

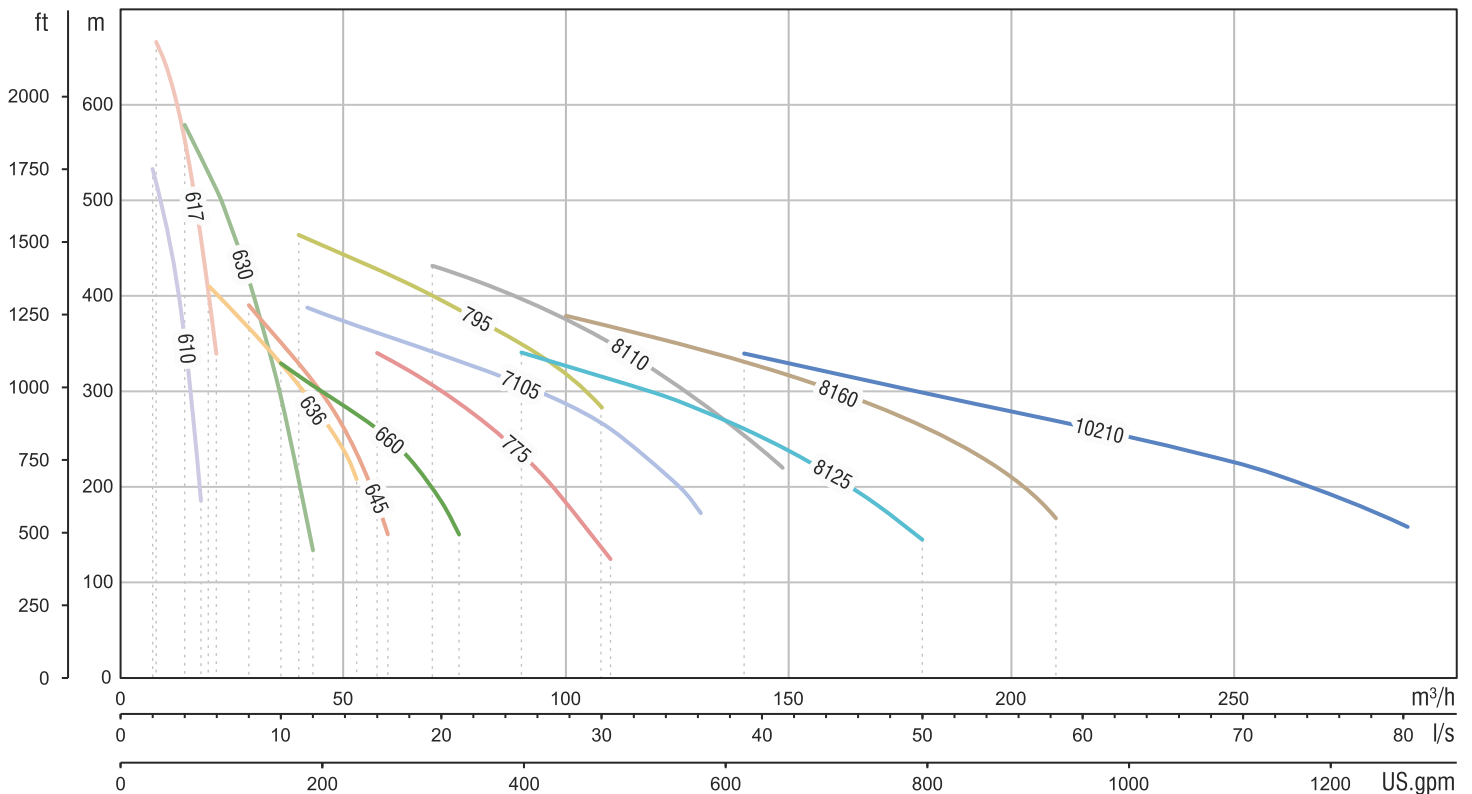
# STAINLESS STEEL SUBMERSIBLE PUMPS

6" / 7" / 8" / 10" - (50hz)

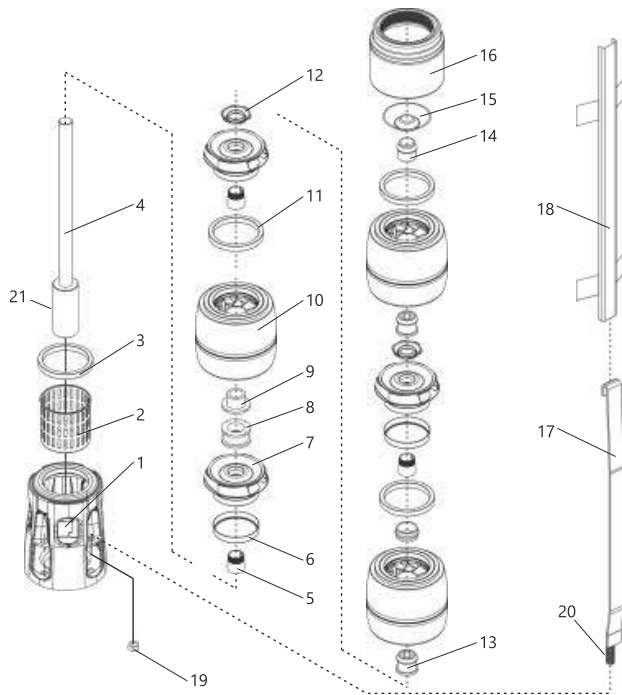


- High efficiency
- Very Long life
- High durability and solid construction
- Easy installation and service operation
- Suitable connection in NEMA standards
- Water lubricated rubber bearing
- Built-in checkvalve to prevent back flow
- AISI 316 Stainless Steel options is available

## GENERAL PERFORMANCE



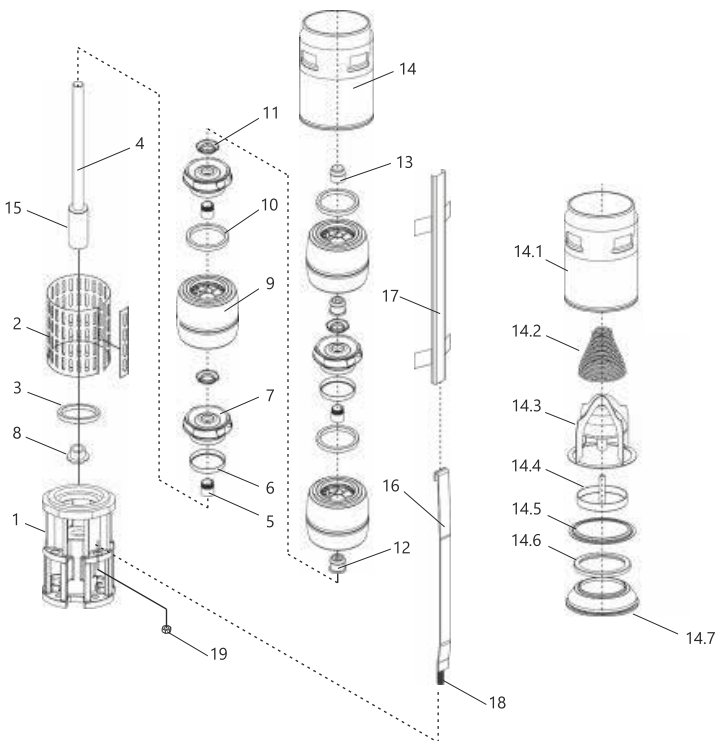
## 6 " SUBMERSIBLE PUMPS' PARTS & MATERIALS



No	Part Name	Material
1	Suction Case	Stainless Steel (AISI 304L)
2	Strainer	Stainless Steel (AISI 304L)
3	Suction Case Wear Ring	Bronze / * AISI 304 + Rubber
4	Shaft	Stainless Steel (AISI 431)
5	Conical Bushing	Stainless Steel (AISI 304)
6	Impeller Wear Ring	Stainless Steel (AISI 304L)
7	Impeller	Stainless Steel (AISI 304L)
8	Nut For Stop Ring	Stainless Steel (AISI 304)
9	Stop Ring	Bronze (ASTM B145-4A)
10	Diffuser	Stainless Steel (AISI 304L)
11	Diffuser Wear Ring	Rubber
12	Nut For Conical Bushing	Rubber
13	Rubber Bearing	Stainless Steel (AISI 304L)
14	Upper Bearing	Bronze (ASTM B145-4A)
15	Valve Disc	Stainless Steel (AISI 304L)
16	Discharge Case	Stainless Steel (AISI 304L)
17	Strap	Stainless Steel (AISI 304L)
18	Cable Guard	Stainless Steel (AISI 304L)
19	Strap Nut	Stainless Steel (AISI 304)
20	Strap Stud	Stainless Steel (AISI 316)
22	Coupling	Stainless Steel (AISI 431)

\* Only used for models 610 / 617 / 630

## 7 " / 8 " / 10 " SUBMERSIBLE PUMPS' PARTS & MATERIALS



No	Part Name	Material
1	Suction Case	Stainless Steel (AISI 304L)
2	Strainer	Stainless Steel (AISI 304L)
3	Suction Case Wear Ring	Rubber
4	Shaft	Stainless Steel (AISI 431)
5	Conical Bushing	Stainless Steel (AISI 304)
6	Impeller Wear Ring	Stainless Steel (AISI 304L)
7	Impeller	Stainless Steel (AISI 304L)
8	Stop Ring	Bronze (ASTM B145-4A)
9	Diffuser	Stainless Steel (AISI 304L)
10	Diffuser Wear Ring	Rubber
11	Nut for Conical Bushing	Stainless Steel (AISI 304L)
12	Rubber Bearing	Rubber
13	Upper Bearing	Bronze (ASTM B145-4A)
14	Discharge Case	Stainless Steel (AISI 304L)
14.1	Discharge Case Body	Stainless Steel (AISI 304L)
14.2	Valve Cup Spring	Stainless Steel (AISI 304L)
14.3	Valve Cup Guide	Stainless Steel (AISI 304L)
14.4	Valve Cup	Stainless Steel (AISI 304L)
14.5	Up.Valve Cup Seat Retainer	Stainless Steel (AISI 304L)
14.6	Valve Cup Seat	Rubber
14.7	Low.Valve Cup Seat Ret.	Stainless Steel (AISI 304L)
15	Coupling	Stainless Steel (AISI 431)
16	Strap	Stainless Steel (AISI 304L)
17	Cable Guard	Stainless Steel (AISI 304L)
18	Strap Stud	Stainless Steel (AISI 316)
19	Strap Nut	Stainless Steel (AISI 304L)

# SP 10 / 1 TO 24 STAGES

6 Vanes / 2900 Rpm (CCW) / 2½" (inside threaded) Outlet Connection Diameter / 20 mm Shaft Diameter

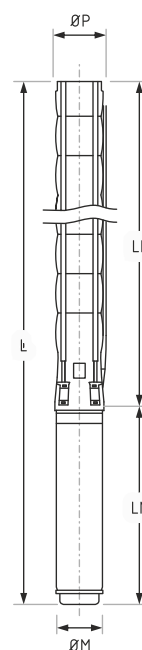


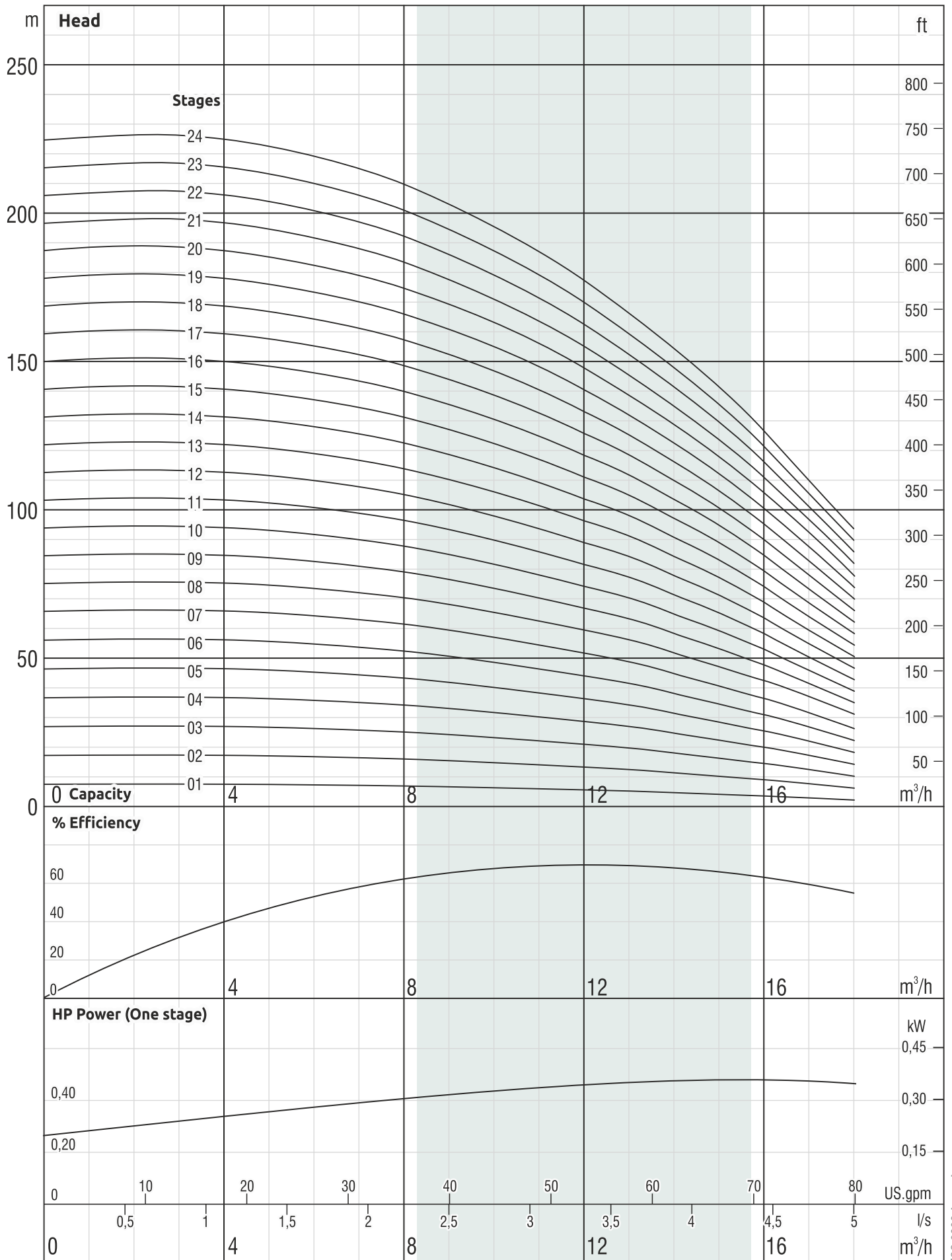
## Performance Data

Pump Code	Stage	Motor Power		m³/h	0	3,6	7,2	10,8	12,0	14,4	16	18
		HP	kW		I/s	0	1	2	3	3,3	4	4,4
SP 10-1	1	0,75	0,55	Head (m)	8	8	8	7	6	5	4	3
SP 10-2	2	1	0,75		17	17	16	14	13	11	9	6
SP 10-3	3	1,5	1,1		26	26	25	23	21	18	15	11
SP 10-4	4	2	1,5		37	37	36	32	30	24	20	15
SP 10-5	5	3	2,2		46	46	44	38	36	30	25	18
SP 10-6	6	3	2,2		54	54	51	45	42	35	29	22
SP 10-7	7	4	3		65	65	62	55	52	42	36	26
SP 10-8	8	5,5	4		74	74	70	62	58	48	41	30
SP 10-9	9	5,5	4		86	86	82	72	67	57	48	36
SP 10-10	10	5,5	4		94	94	90	80	75	63	53	39
SP 10-11	11	5,5	4		101	101	96	84	79	67	56	41
SP 10-12	12	7,5	5,5		114	114	109	96	91	75	64	47
SP 10-13	13	7,5	5,5		123	123	117	104	98	82	69	51
SP 10-14	14	7,5	5,5		130	129	123	109	102	86	72	53
SP 10-15	15	7,5	5,5		141	141	134	119	112	94	79	59
SP 10-16	16	10	7,5		146	146	139	123	116	97	82	61
SP 10-17	17	10	7,5		161	160	153	135	126	106	90	66
SP 10-18	18	10	7,5		170	170	162	143	135	112	95	70
SP 10-19	19	10	7,5		178	178	170	150	141	119	100	74
SP 10-20	20	10	7,5		188	187	179	158	149	125	106	78
SP 10-21	21	10	7,5		195	195	185	164	154	129	109	81
SP 10-22	22	12,5	9,3		207	207	197	174	163	137	116	86
SP 10-23	23	12,5	9,3		213	212	202	179	168	141	119	88
SP 10-24	24	12,5	9,3		223	223	212	188	176	147	124	91

## Dimensions and Weights

Pump Code	Dimensions (mm)					Weights (kg)		
	L	LM	LP	ΦM	ΦP	Pump	Motor	Total
SP 10-1	691	361	330	95	132	5	8.6	13.6
SP 10-2	771	381	390	95	132	7	9.5	16.5
SP 10-3	852	401	451	95	132	8	10.35	18.35
SP 10-4	952	441	511	95	132	10	10.4	20.4
SP 10-5	1043	471	572	95	132	11	13.9	24.9
SP 10-6	1103	471	632	95	132	13	13.9	26.9
SP 10-7	1223	530	693	95	132	14	16.2	30.2
SP 10-8	1353/1402	600/649	753	95/142	132	15	19.8/40	34.8/55
SP 10-9	1414/1463	600/649	814	95/142	132	17	19.8/40	36.8/57
SP 10-10	1474/1523	600/649	874	95/142	132	18	19.8/40	37.8/58
SP 10-11	1535/1584	600/649	935	95/142	132	20	19.8/40	39.8/60
SP 10-12	1650/1644	655/649	995	95/142	132	21	22.5/40	43.5/61
SP 10-13	1711/1705	655/649	1056	95/142	132	23	22.5/40	45.5/63
SP 10-14	1771/1765	655/649	1116	95/142	132	24	22.5/40	46.5/64
SP 10-15	1832/1826	655/649	1177	95/142	132	26	22.5/40	48.5/66
SP 10-16	2032/1915	795/678	1237	95/142	132	27	28.8/43.5	55.8/70.5
SP 10-17	2093/1976	795/678	1298	95/142	132	28	28.8/43.5	56.8/71.5
SP 10-18	2153/2036	795/678	1358	95/142	132	30	28.8/43.5	58.8/73.5
SP 10-19	2214/2097	795/678	1419	95/142	132	31	28.8/43.5	59.8/74.5
SP 10-20	2274/2157	795/678	1479	95/142	132	33	28.8/43.5	61.8/76.5
SP 10-21	2335/2218	795/678	1540	95/142	132	34	28.8/43.5	62.8/77.5
SP 10-22	2358	758	1600	142	132	36	50	86
SP 10-23	2419	758	1661	142	132	37	50	87
SP 10-24	2479	758	1721	142	132	39	50	89



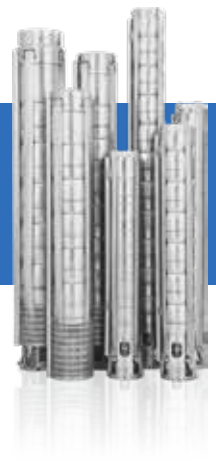


The hydraulic working characteristics have been taken with water at 15°C, at the atmospheric pressure of 1 bar and specific gravity is 1 gr/cm<sup>3</sup>. Due to continuous improvement in design we reserve the right to amend specifications or data without prior notice.

ISO 9906 Annex A

# SP 10 / 25 TO 42 STAGES

6 Vanes / 2900 Rpm (CCW) / 2½" (inside threaded) Outlet Connection Diameter / 20 mm Shaft Diameter

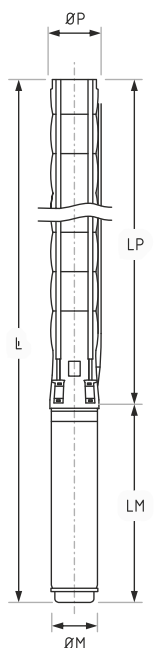


## Performance Data

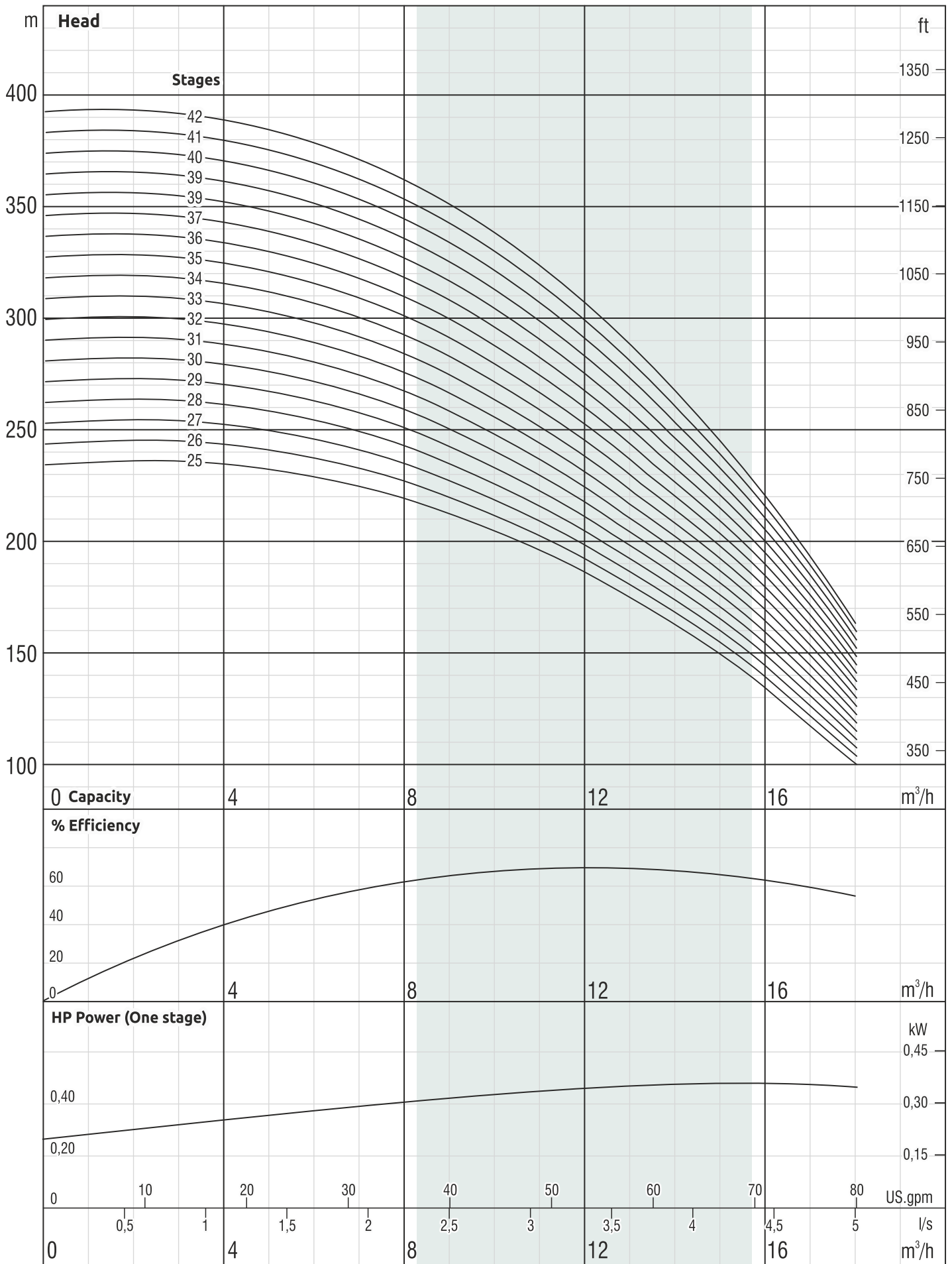
Pump Code	Stage	Motor Power		m³/h	0	3,6	7,2	10,8	12,0	14,4	16	18
		HP	kW		I/s	0	1	2	3	3,3	4	4,4
SP 10-25	25	12,5	9,3	Head (m)	233	233	222	197	184	155	131	95
SP 10-26	26	12,5	9,3		243	242	231	204	192	161	137	100
SP 10-27	27	15	11		252	252	240	212	200	168	141	104
SP 10-28	28	15	11		261	261	249	220	206	173	145	107
SP 10-29	29	15	11		270	270	258	228	213	178	152	112
SP 10-30	30	15	11		280	280	266	236	221	187	158	117
SP 10-31	31	17,5	13		288	288	275	244	228	192	162	118
SP 10-32	32	17,5	13		297	297	284	252	235	197	166	122
SP 10-33	33	17,5	13		309	309	293	259	244	205	172	128
SP 10-34	34	17,5	13		318	318	302	267	251	210	179	131
SP 10-35	35	17,5	13		325	325	311	275	257	215	182	134
SP 10-36	36	17,5	13		335	335	320	283	265	222	186	137
SP 10-37	37	17,5	13		346	346	329	291	274	231	194	144
SP 10-38	38	20	15		353	353	337	299	280	234	197	144
SP 10-39	39	20	15		365	364	345	306	290	242	205	150
SP 10-40	40	20	15		372	372	354	313	293	245	206	153
SP 10-41	41	20	15		383	382	365	323	303	256	216	161
SP 10-42	42	25	18,5		394	393	373	332	312	262	222	164

## Dimensions and Weights

Pump Code	Dimensions (mm)					Weights (kg)		
	L	LM	LP	ΦM	ΦP	Pump	Motor	Total
SP 10-25	2540	758	1782	142	132	40	50	90
SP 10-26	2600	758	1842	142	132	41	50	91
SP 10-27	2703	800	1903	142	132	43	55	98
SP 10-28	2763	800	1963	142	132	44	55	99
SP 10-29	2824	800	2024	142	132	46	55	101
SP 10-30	2884	800	2084	142	132	47	55	102
SP 10-31	2996	851	2145	142	132	49	60	109
SP 10-32	3056	851	2205	142	132	50	60	110
SP 10-33	3117	851	2266	142	132	52	60	112
SP 10-34	3177	851	2326	142	132	53	60	113
SP 10-35	3238	851	2387	142	132	54	60	114
SP 10-36	3298	851	2447	142	132	56	60	116
SP 10-37	3359	851	2508	142	132	57	60	117
SP 10-38	3479	911	2568	142	132	59	65	124
SP 10-39	3790	911	2879	142	167	91	65	156
SP 10-40	3850	911	2939	142	167	92	65	157
SP 10-41	3911	911	3000	142	167	94	65	159
SP 10-42	4033	973	3060	142	167	96	72	168



\*Pumps in Tube

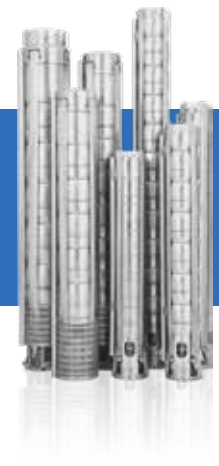


The hydraulic working characteristics have been taken with water at 15°C, at the atmospheric pressure of 1 bar and specific gravity is 1 gr/cm³  
 Due to continuous improvement in design we reserve the right to amend specifications or data without prior notice.

ISO 9906 Annex A

# SP 10 / 43 TO 60 STAGES

6 Vanes / 2900 Rpm (CCW) / 2½" (inside threaded) Outlet Connection Diameter / 20 mm Shaft Diameter

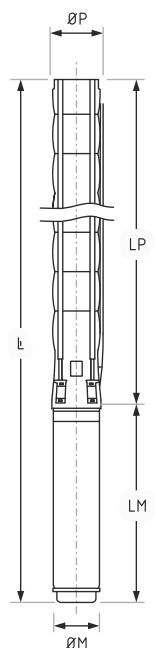


## Performance Data

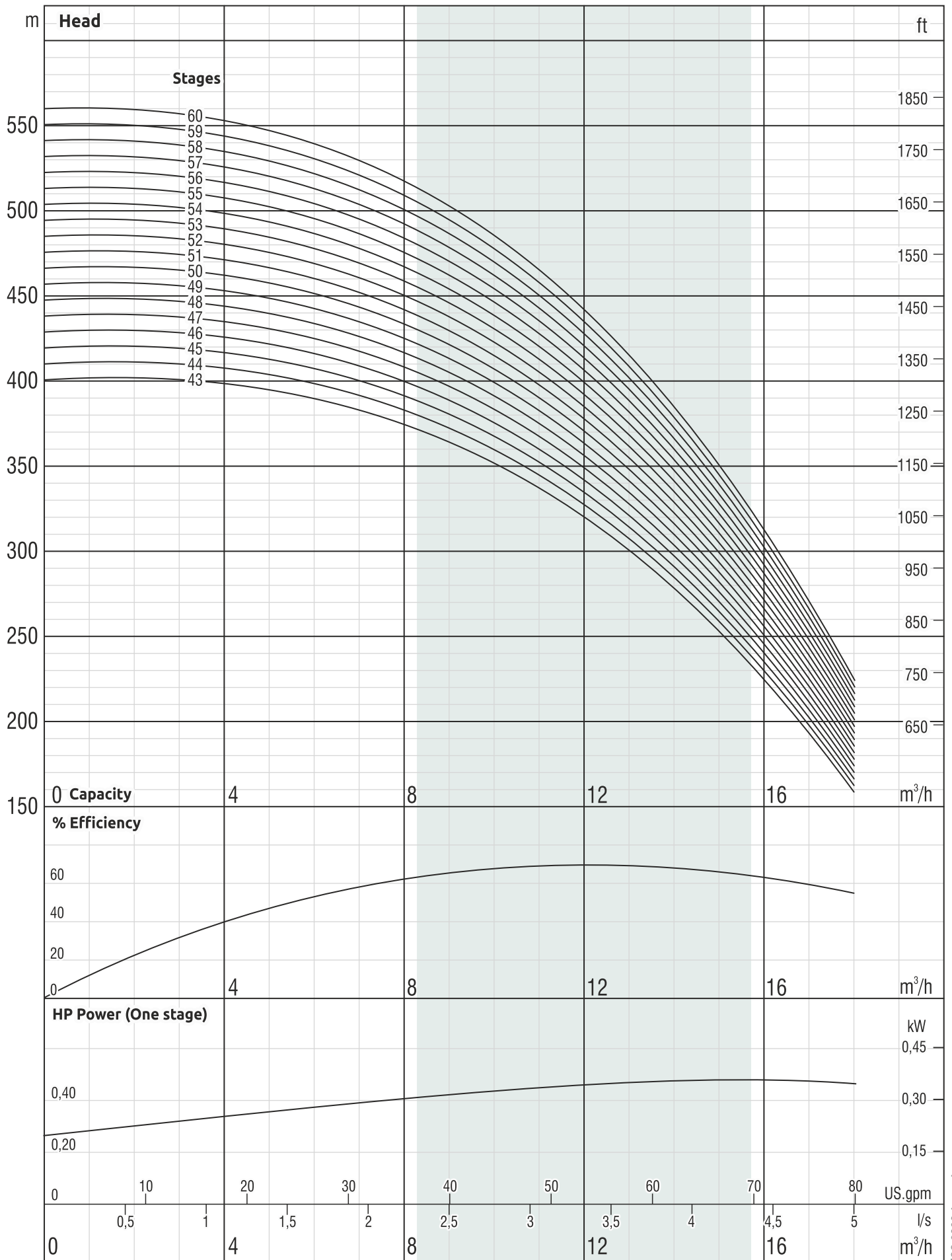
Pump Code	Stage	Motor Power		m³/h	0	3,6	7,2	10,8	12,0	14,4	16	18
		HP	kW		I/s	0	1	2	3	3,3	4	4,4
SP 10-43	43	25	18,5	Head (m)	401	401	382	337	316	265	225	165
SP 10-44	44	25	18,5		410	410	391	347	326	272	230	170
SP 10-45	45	25	18,5		420	420	400	354	332	279	236	173
SP 10-46	46	25	18,5		428	428	407	362	338	284	240	176
SP 10-47	47	25	18,5		437	437	416	368	346	291	245	181
SP 10-48	48	25	18,5		449	448	427	378	355	298	251	186
SP 10-49	49	25	18,5		456	456	434	384	361	303	255	188
SP 10-50	50	30	22		465	465	443	392	368	308	261	192
SP 10-51	51	30	22		477	476	454	401	377	316	268	197
SP 10-52	52	30	22		486	486	463	410	385	323	273	200
SP 10-53	53	30	22		493	493	471	416	391	327	276	203
SP 10-54	54	30	22		503	502	480	423	396	333	281	206
SP 10-55	55	30	22		514	514	490	433	407	340	289	213
SP 10-56	56	30	22		521	521	495	440	412	344	292	214
SP 10-57	57	30	22		533	532	508	450	420	354	300	220
SP 10-58	58	30	22		540	540	513	454	426	356	302	222
SP 10-59	59	30	22		551	551	526	466	437	367	311	230
SP 10-60	60	30	22		562	561	535	474	445	373	316	233

## Dimensions and Weights

Pump Code	Dimensions (mm)					Weights (kg)		
	L	LM	LP	ΦM	ΦP	Pump	Motor	Total
SP 10-43	4094	973	3121	142	167	98	72	170
SP 10-44	4154	973	3181	142	167	100	72	172
SP 10-45	4215	973	3242	142	167	101	72	173
SP 10-46	4275	973	3302	142	167	103	72	175
SP 10-47	4336	973	3363	142	167	105	72	177
SP 10-48	4396	973	3423	142	167	107	72	179
SP 10-49	4457	973	3484	142	167	108	72	180
SP 10-50	4550/4384	1006/840	3544	142/172	167	110	76/81	186/191
SP 10-51	4611/4445	1006/840	3605	142/172	167	112	76/81	188/193
SP 10-52	4671/4505	1006/840	3665	142/172	167	114	76/81	190/195
SP 10-53	4732/4566	1006/840	3726	142/172	167	116	76/81	192/197
SP 10-54	4792/4626	1006/840	3786	142/172	167	117	76/81	193/198
SP 10-55	4853/4687	1006/840	3847	142/172	167	119	76/81	195/200
SP 10-56	4913/4747	1006/840	3907	142/172	167	121	76/81	197/202
SP 10-57	4974/4808	1006/840	3968	142/172	167	123	76/81	199/204
SP 10-58	5034/4868	1006/840	4028	142/172	167	125	76/81	201/206
SP 10-59	5095/4929	1006/840	4089	142/172	167	126	76/81	202/207
SP 10-60	5155/4989	1006/840	4149	142/172	167	128	76/81	204/209



\*Pumps in Tube

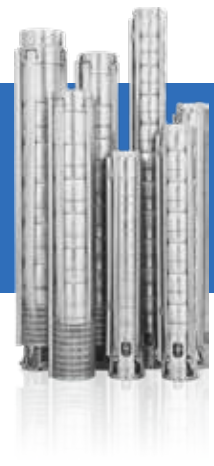


The hydraulic working characteristics have been taken with water at 15°C, at the atmospheric pressure of 1 bar and specific gravity is 1 gr/cm<sup>3</sup>  
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ISO 9906 Annex A

# SP 17 / 01 TO 25 STAGES

6 Vanes / 2900 Rpm (CCW) / 2½" (inside threaded) Outlet Connection Diameter / 22 mm Shaft Diameter

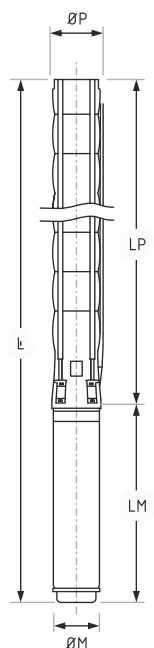


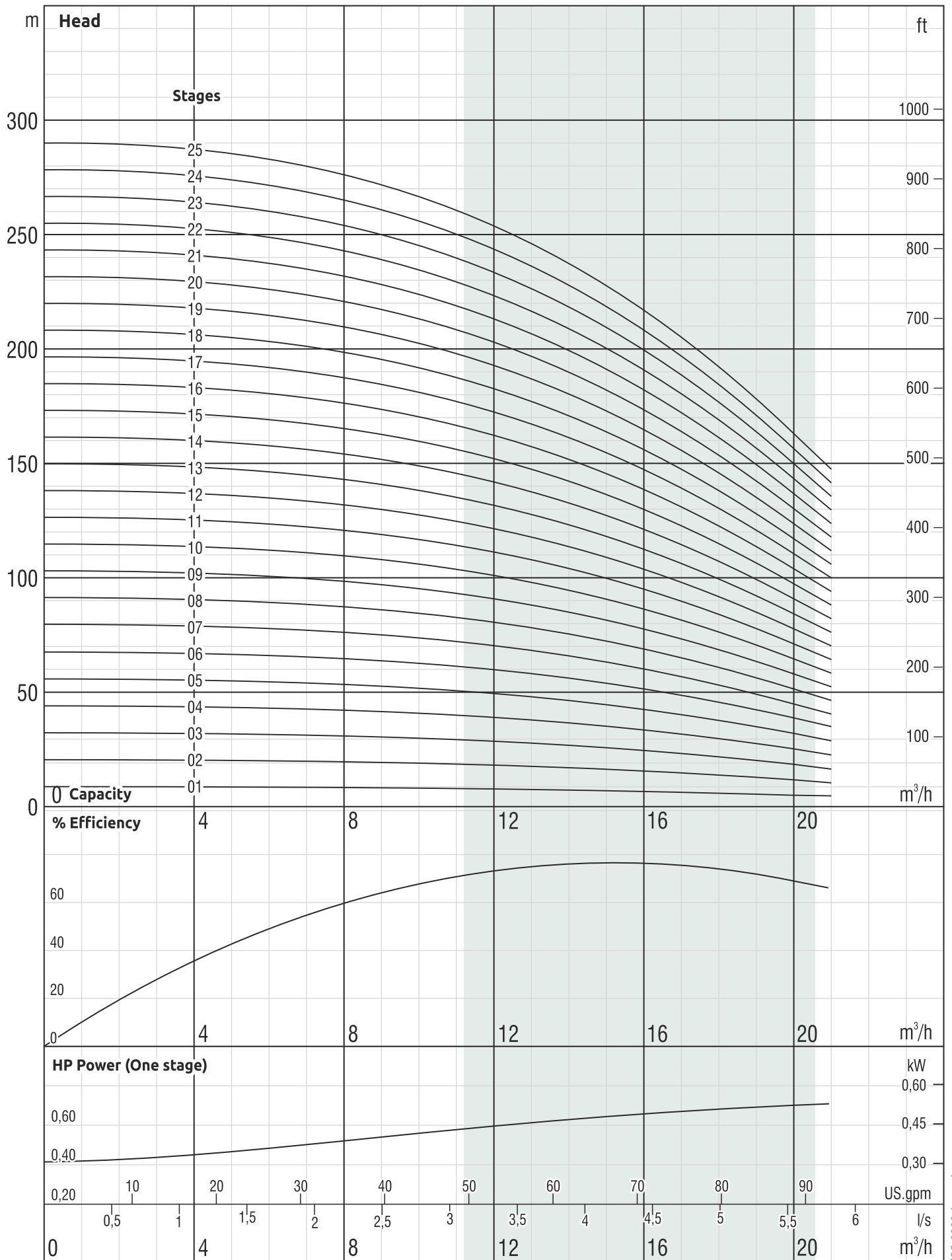
## Performance Data

Pump Code	Stage	Motor Power		m³/h	0	6	8	10	12	14	16	18	20
		HP	kW		I/s	0	1,7	2,2	2,8	3,3	3,9	4,4	5
SP 17-1	1	0,75	0,55	Head (m)	10	10	10	9	9	8	7	7	5
SP 17-2	2	1,5	1,1		21	21	20	20	20	18	16	14	12
SP 17-3	3	3	2,2		34	34	32	31	30	29	25	22	18
SP 17-4	4	3	2,2		45	46	44	42	40	36	34	30	24
SP 17-5	5	4	3		56	57	54	53	50	46	43	37	32
SP 17-6	6	5,5	4		70	69	67	65	61	57	51	44	38
SP 17-7	7	5,5	4		81	81	77	74	72	66	61	53	45
SP 17-8	8	7,5	5,5		92	93	88	85	82	75	70	62	52
SP 17-9	9	7,5	5,5		105	104	100	98	92	87	78	68	58
SP 17-10	10	7,5	5,5		117	116	111	108	103	96	87	76	65
SP 17-11	11	10	7,5		126	127	121	117	111	104	96	84	71
SP 17-12	12	10	7,5		137	139	132	127	122	114	104	91	77
SP 17-13	13	10	7,5		152	151	145	141	134	125	113	100	84
SP 17-14	14	10	7,5		161	162	154	150	142	133	122	106	91
SP 17-15	15	12,5	9,3		175	174	168	162	154	144	131	114	96
SP 17-16	16	12,5	9,3		183	185	176	171	163	152	139	122	103
SP 17-17	17	12,5	9,3		200	197	193	183	176	163	148	130	111
SP 17-18	18	15	11		211	209	200	194	185	173	157	137	116
SP 17-19	19	15	11		221	220	212	206	196	182	165	143	123
SP 17-20	20	15	11		233	232	223	217	206	192	174	152	130
SP 17-21	21	17,5	13		245	243	235	227	217	201	183	161	135
SP 17-22	22	17,5	13		257	255	246	239	227	211	191	165	142
SP 17-23	23	17,5	13		269	266	257	250	237	221	200	174	150
SP 17-24	24	17,5	13		281	278	269	261	247	233	209	183	155
SP 17-25	25	20	15		291	290	280	271	257	243	218	191	162

## Dimensions and Weights

Pump Code	Dimensions (mm)					Weights (kg)		
	L	LM	LP	ΦM	ΦP	Pump	Motor	Total
SP 17-1	1342	361	330	95	132	5	8.6	13.6
SP 17-2	1431	401	390	95	132	7	10.35	17.35
SP 17-3	1492	471	451	95	132	8	13.9	21.9
SP 17-4	1552	471	511	95	132	10	13.9	23.9
SP 17-5	1693	530	572	95	132	11	16.2	27.2
SP 17-6	1753	600/649	632	95/142	132	13	19.8/40	32.8/53
SP 17-7	1293/1342	600/649	693	95/142	132	14	19.8/40	33.8/54
SP 17-8	1408/1402	655/649	753	95/142	132	16	22.5/40	38.5/56
SP 17-9	1469/1463	655/649	814	95/142	132	17	22.5/40	39.5/57
SP 17-10	1529/1523	655/649	874	95/142	132	18	22.5/40	40.5/58
SP 17-11	1730/1613	795/678	935	95/142	132	20	28.8/43.5	48.8/63.5
SP 17-12	1790/1673	795/678	995	95/142	132	21	28.8/43.5	49.8/64.5
SP 17-13	1851/1734	795/678	1056	95/142	132	23	28.8/43.5	51.8/66.5
SP 17-14	1911/1794	795/678	1116	95/142	132	24	28.8/43.5	52.8/67.5
SP 17-15	1935	758	1177	142	132	26	50	76
SP 17-16	1995	758	1237	142	132	27	50	77
SP 17-17	2056	758	1298	142	132	29	50	79
SP 17-18	2158	800	1358	142	132	30	55	85
SP 17-19	2219	800	1419	142	132	31	55	86
SP 17-20	2279	800	1479	142	132	33	55	88
SP 17-21	2391	851	1540	142	132	34	60	94
SP 17-22	2451	851	1600	142	132	36	60	96
SP 17-23	2512	851	1661	142	132	37	60	97
SP 17-24	2572	851	1721	142	132	39	60	99
SP 17-25	2693	911	1782	142	132	40	65	105



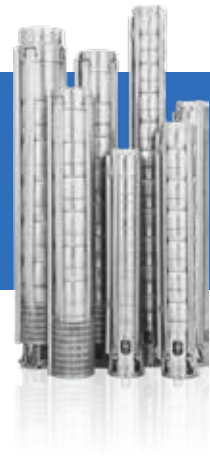


The hydraulic working characteristics have been taken with water at 15°C, at the atmospheric pressure of 1 bar and specific gravity is 1 gr/cm³  
 Due to continuous improvement in design we reserve the right to amend specifications or data without prior notice.

ISO 9906 Annex A

# SP 17 / 26 TO 43 STAGES

6 Vanes / 2900 Rpm (CCW) / 2½" (inside threaded) Outlet Connection Diameter / 22 mm Shaft Diameter

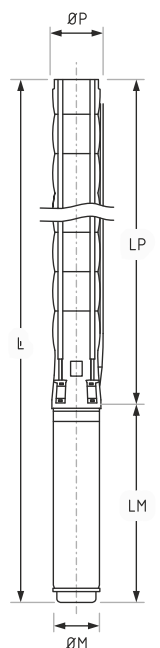


## Performance Data

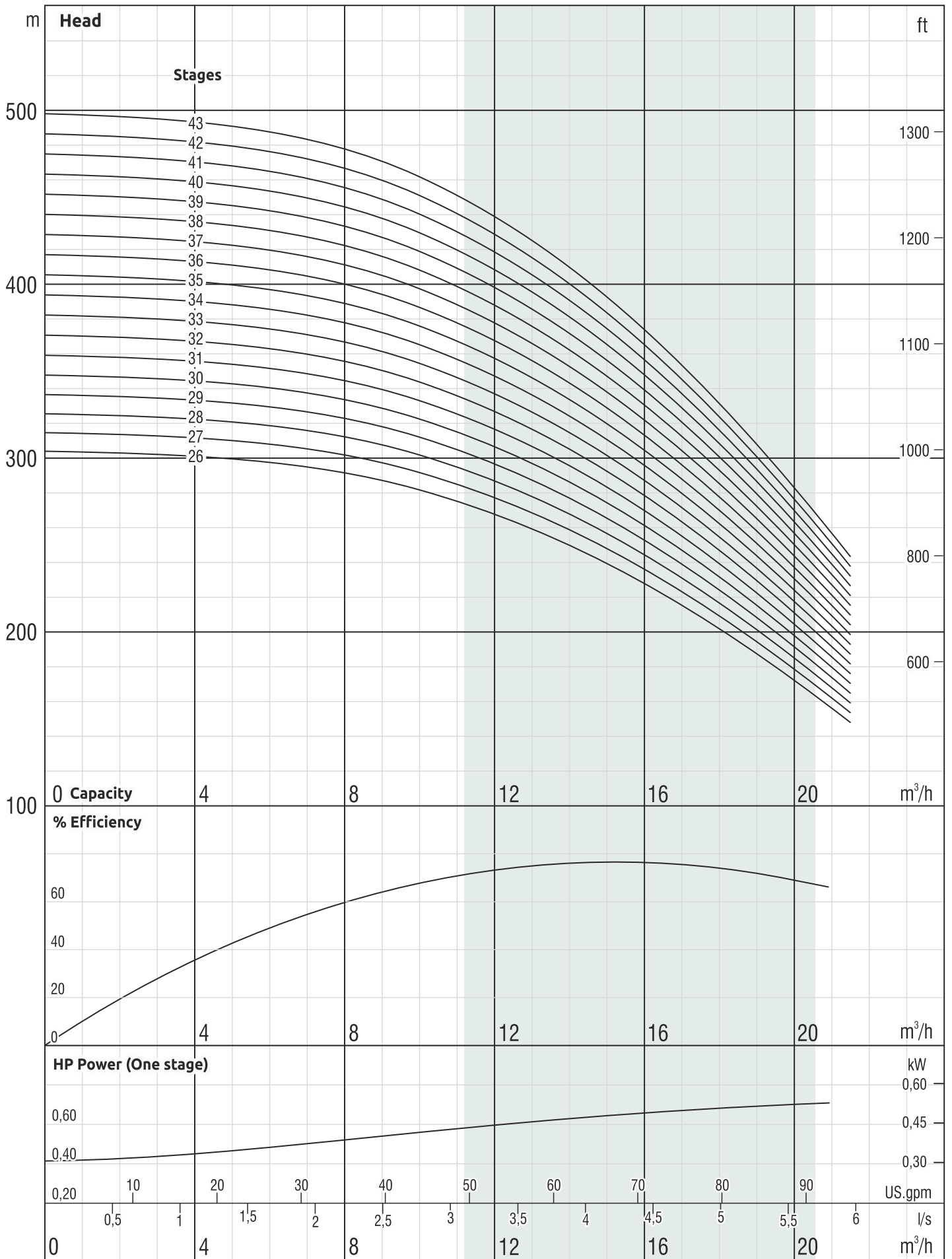
Pump Code	Stage	Motor Power		m³/h	0	6	8	10	12	14	16	18	20
		HP	kW		I/s	0	1,7	2,2	2,8	3,3	3,9	4,4	5
SP 17-26	26	20	15	Head (m)	301	295	289	279	266	247	226	200	171
SP 17-27	27	20	15		313	306	300	290	276	257	235	207	176
SP 17-28	28	20	15		324	318	311	300	286	266	244	215	184
SP 17-29	29	25	18,5		335	329	322	311	296	276	252	223	190
SP 17-30	30	25	18,5		347	340	333	322	307	285	261	231	196
SP 17-31	31	25	18,5		358	352	344	333	317	295	270	238	203
SP 17-32	32	25	18,5		371	363	355	343	327	304	278	245	210
SP 17-33	33	25	18,5		382	375	366	354	337	314	286	253	216
SP 17-34	34	25	18,5		393	386	377	365	347	324	295	262	222
SP 17-35	35	30	22		404	397	388	376	358	333	304	268	230
SP 17-36	36	30	22		416	409	400	386	368	343	312	276	235
SP 17-37	37	30	22		427	420	411	397	378	352	321	284	242
SP 17-38	38	30	22		440	431	422	408	388	362	331	292	247
SP 17-39	39	30	22		451	443	433	418	399	371	337	300	254
SP 17-40	40	30	22		462	454	444	429	409	381	346	306	262
SP 17-41	41	30	22		473	465	455	440	419	390	355	314	266
SP 17-42	42	35	26,5		484	475	463	450	427	400	364	321	273
SP 17-43	43	35	26,5	496	488	477	459	437	409	373	331	281	

## Dimensions and Weights

Pump Code	Dimensions (mm)					Weights (kg)		
	L	LM	LP	ΦM	ΦP	Pump	Motor	Total
SP 17-26	2693	973	1963	142	132	42	65	107
SP 17-27	2753	973	2024	142	132	43	65	108
SP 17-28	2814	973	2084	142	132	45	65	110
SP 17-29	2874	973	2145	142	132	46	72	118
SP 17-30	2997	973	2205	142	132	47	72	119
SP 17-31	3118	973	2145	142	132	49	72	121
SP 17-32	3178	973	2205	142	132	50	72	122
SP 17-33	3239	973	2266	142	132	52	72	124
SP 17-34	3299	973	2326	142	132	53	72	125
SP 17-35	3393/3227	1006/840	2387	142/172	132	55	76/81	131/136
SP 17-36	3453/3287	1006/840	2447	142/172	132	56	76/81	132/137
SP 17-37	3514/3348	1006/840	2508	142/172	132	58	76/81	134/139
SP 17-38	3574/3408	1006/840	2568	142/172	132	59	76/81	135/140
SP 17-39	3635/3469	1006/840	2629	142/172	132	60	76/81	136/141
SP 17-40	3695/3529	1006/840	2689	142/172	132	62	76/81	138/143
SP 17-41	3756/3590	1006/840	2750	142/172	132	63	76/81	139/144
SP 17-42	3916/3700	1106/890	2810	142/172	132	65	87/86	152/151
SP 17-43	4227/4011	1106/890	3121	142/172	167	98	87/86	185/184



\*Pumps in Tube

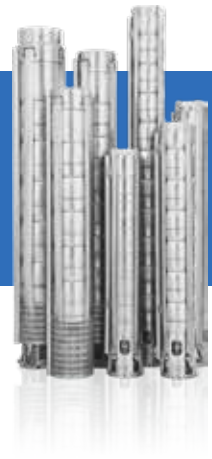


The hydraulic working characteristics have been taken with water at 15°C, at the atmospheric pressure of 1 bar and specific gravity is 1 gr/cm<sup>3</sup>  
 Due to continuous improvement in design we reserve the right to amend specifications or data without prior notice.

ISO 9906 Annex A

# SP 17 / 44 TO 60 STAGES

6 Vanes / 2900 Rpm (CCW) / 2½" (inside threaded) Outlet Connection Diameter / 22 mm Shaft Diameter

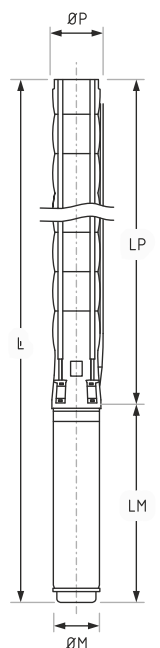


## Performance Data

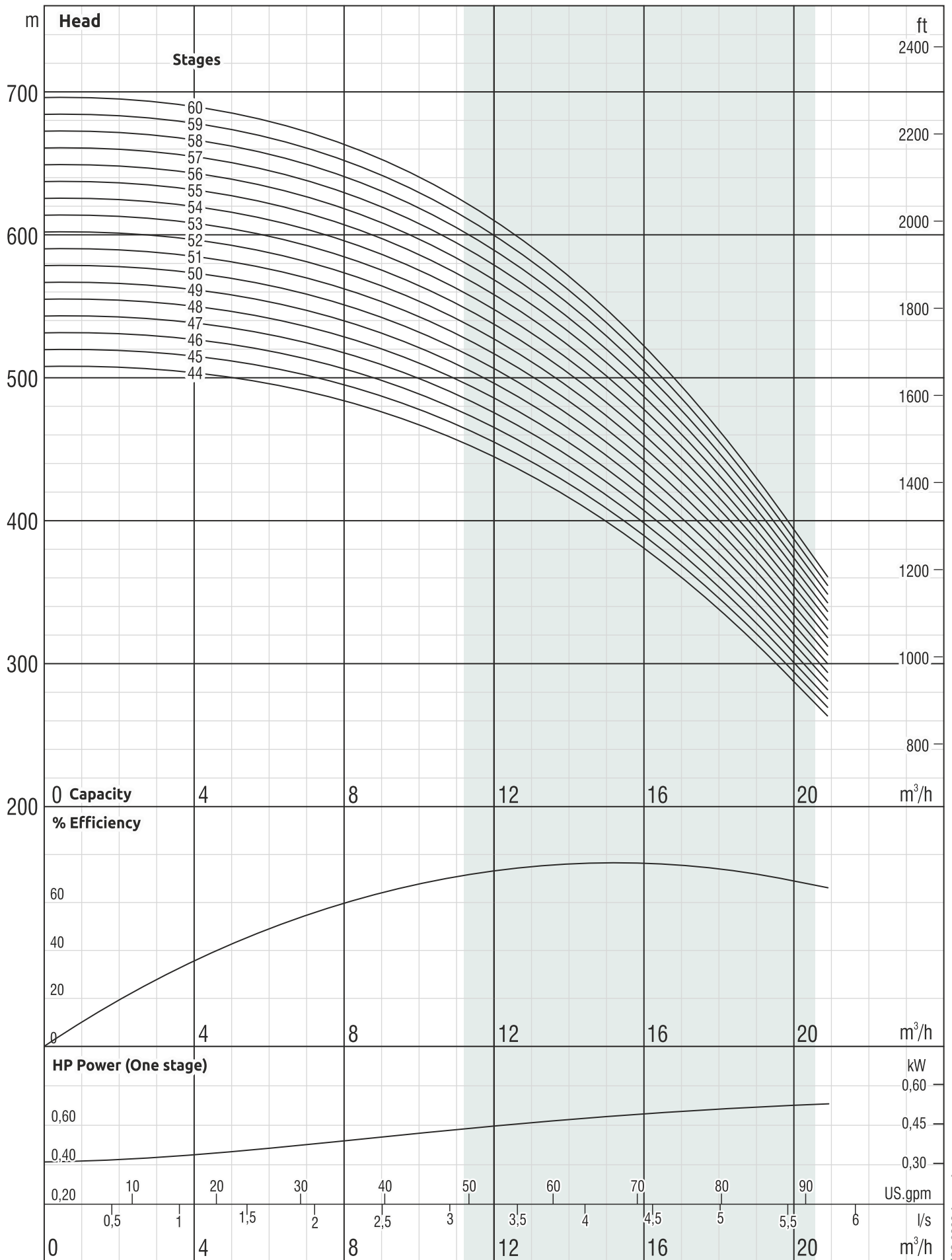
Pump Code	Stage	Motor Power		m³/h	0	6	8	10	12	14	16	18	20
		HP	kW		I/s	0	1,7	2,2	2,8	3,3	3,9	4,4	5
SP 17-44	44	35	26,5	Head (m)	510	498	487	472	450	420	383	338	289
SP 17-45	45	35	26,5		521	511	498	483	460	430	392	346	295
SP 17-46	46	35	26,5		533	522	511	494	470	438	400	354	302
SP 17-47	47	35	26,5		544	533	522	504	480	448	408	362	308
SP 17-48	48	35	26,5		555	544	533	514	491	457	417	370	315
SP 17-49	49	40	30		567	555	543	525	501	467	425	376	322
SP 17-50	50	40	30		578	566	554	535	511	476	434	384	328
SP 17-51	51	40	30		591	578	565	546	521	486	443	392	335
SP 17-52	52	40	30		602	590	576	557	531	495	452	400	341
SP 17-53	53	40	30		613	602	587	568	542	505	461	407	348
SP 17-54	54	40	30		625	612	597	577	551	515	470	415	354
SP 17-55	55	40	30		636	623	610	590	561	524	477	422	361
SP 17-56	56	40	30		647	635	621	601	571	534	486	431	368
SP 17-57	57	50	37		660	645	632	611	581	543	494	437	374
SP 17-58	58	50	37		671	656	643	621	592	553	504	445	381
SP 17-59	59	50	37		682	670	653	632	602	562	513	453	387
SP 17-60 -	60	50	37	693	680	663	642	611	571	521	461	394	

## Dimensions and Weights

Pump Code	Dimensions (mm)					Weights (kg)		
	L	LM	LP	ΦM	ΦP	Pump	Motor	Total
SP 17-44	4287/4071	1106/890	3181	142/172	167	100	87/86	187/186
SP 17-45	4348/4132	1106/890	3242	142/172	167	102	87/86	189/188
SP 17-46	4408/4192	1106/890	3302	142/172	167	103	87/86	190/189
SP 17-47	4469/4253	1106/890	3363	142/172	167	105	87/86	192/191
SP 17-48	4529/4313	1106/890	3423	142/172	167	107	87/86	194/193
SP 17-49	4701/4424/4480	1217/940/996	3484	142/172/192	167	109	98/91/120	207/200/229
SP 17-50	4761/4484/4540	1217/940/996	3544	142/172/192	167	111	98/91/120	209/202/231
SP 17-51	4822/4545/4601	1217/940/996	3605	142/172/192	167	112	98/91/120	210/203/232
SP 17-52	4882/4605/4661	1217/940/996	3665	142/172/192	167	114	98/91/120	212/205/234
SP 17-53	4943/4666/4722	1217/940/996	3726	142/172/192	167	116	98/91/120	214/207/236
SP 17-54	5003/4726/4782	1217/940/996	3786	142/172/192	167	118	98/91/120	216/209/238
SP 17-55	5064/4787/4843	1217/940/996	3847	142/172/192	167	120	98/91/120	218/211/240
SP 17-56	5124/4847/4903	1217/940/996	3907	142/172/192	167	121	98/91/120	219/212/241
SP 17-57	5215/4948/5024	1247/980/1056	3968	142/172/192	167	123	103/103/129	226/226/252
SP 17-58	5275/5008/5084	1247/980/1056	4028	142/172/192	167	125	103/103/129	228/228/254
SP 17-59	5336/5069/5145	1247/980/1056	4089	142/172/192	167	127	103/103/129	230/230/256
SP 17-60 -	5396/5129/5205	1247/980/1056	4149	142/172/192	167	129	103/103/129	232/232/258



\*Pumps in Tube

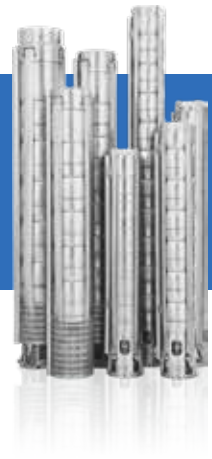


The hydraulic working characteristics have been taken with water at 15°C, at the atmospheric pressure of 1 bar and specific gravity is 1 gr/cm³  
 Due to continuous improvement in design we reserve the right to amend specifications or data without prior notice.

ISO 9906 Annex A

# SP 30 / 01 TO 20 STAGES

7 Vanes / 2900 Rpm (CCW) / 3" (inside threaded) Outlet Connection Diameter / 22 mm Shaft Diameter

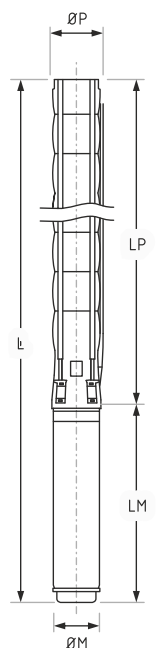


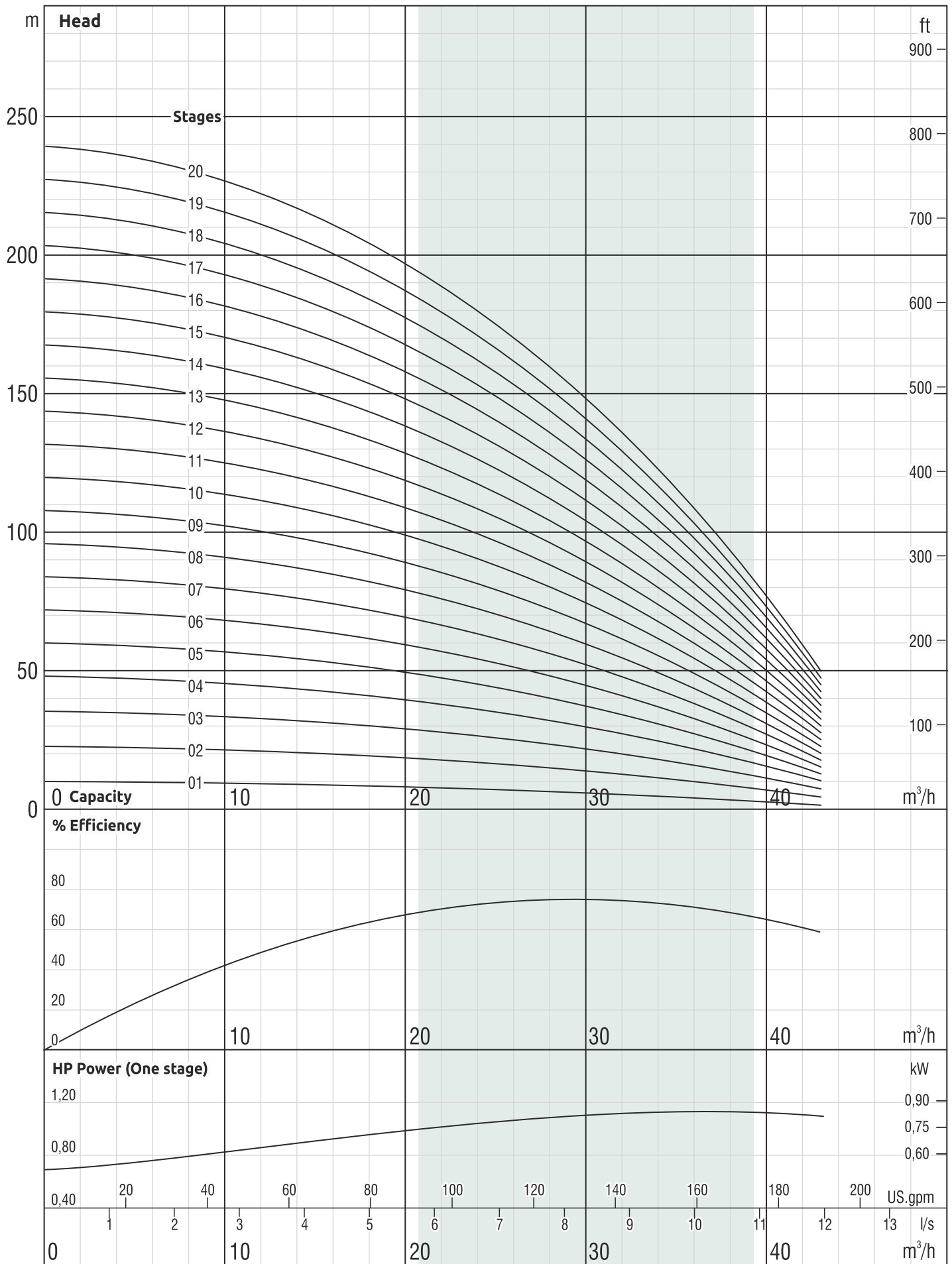
## Performance Data

Pump Code	Stage	Motor Power		m³/h	0	7,2	14,4	21,6	24	28,8	36	43,2
		HP	kW		I/s	0	2	4	6	6,6	8	10
SP 30-1	1	1,5	1,1	Head (m)	11	10	9	8	8	7	4	2
SP 30-2	2	3	2,2		22	22	20	17	16	14	10	4
SP 30-3	3	4	3		33	32	28	25	24	21	14	5
SP 30-4	4	5,5	4		47	45	43	37	35	31	22	10
SP 30-5	5	7,5	5,5		60	57	53	46	44	39	26	12
SP 30-6	6	7,5	5,5		72	68	63	56	53	46	33	14
SP 30-7	7	10	7,5		83	81	74	65	63	54	37	16
SP 30-8	8	10	7,5		95	92	85	75	71	62	43	20
SP 30-9	9	12,5	9,3		107	103	96	84	80	70	48	22
SP 30-10	10	12,5	9,3		118	115	106	94	88	77	53	24
SP 30-11	11	12,5	9,3		131	126	117	103	97	85	60	26
SP 30-12	12	15	11		142	137	127	112	106	94	64	30
SP 30-13	13	15	11		154	150	137	122	115	100	71	31
SP 30-14	14	17,5	13		165	161	150	131	124	108	74	34
SP 30-15	15	17,5	13		177	172	160	141	133	116	81	35
SP 30-16	16	20	15		190	183	171	150	142	126	123	85
SP 30-17	17	20	15		201	193	181	160	151	131	130	91
SP 30-18	18	25	18,5		214	206	192	170	161	138	137	96
SP 30-19	19	25	18,5		224	219	202	179	169	148	144	101
SP 30-20	20	25	18,5		235	230	212	185	175	158	153	105

## Dimensions and Weights

Pump Code	Dimensions (mm)					Weights (kg)		
	L	LM	LP	ΦM	ΦP	Pump	Motor	Total
SP 30-1	765	401	364	95	132	6	10.35	16.35
SP 30-2	930	471	459	95	132	9	13.9	22.9
SP 30-3	1084	530	554	95	132	11	16.2	27.2
SP 30-4	1249/1298	600/649	649	95/142	132	13	19.8/40	32.8/53
SP 30-5	1399/1393	655/649	744	95/142	132	15	22.5/40	37.5/55
SP 30-6	1494/1488	655/649	839	95/142	132	17	22.5/40	39.5/57
SP 30-7	1729/1612	795/678	934	95/142	132	19	28.8/43.5	47.8/62.5
SP 30-8	1824/1707	795/678	1029	95/142	132	21	28.8/43.5	49.8/64.5
SP 30-9	1882	758	1124	142	132	23	50	73
SP 30-10	1977	758	1219	142	132	25	50	75
SP 30-11	2072	758	1314	142	132	27	50	77
SP 30-12	2209	800	1409	142	132	29	55	84
SP 30-13	2304	800	1504	142	132	31	55	86
SP 30-14	2450	851	1599	142	132	33	60	93
SP 30-15	2545	851	1694	142	132	36	60	96
SP 30-16	2700	911	1789	142	132	38	65	103
SP 30-17	2795	911	1884	142	132	40	65	105
SP 30-18	2952	973	1979	142	132	42	72	114
SP 30-19	3047	973	2074	142	132	44	72	116
SP 30-20	3142	973	2169	142	132	46	72	118





The hydraulic working characteristics have been taken with water at 15°C, at the atmospheric pressure of 1 bar and specific gravity is 1 gr/cm<sup>3</sup>  
 Due to continuous improvement in design we reserve the right to amend specifications or data without prior notice.

ISO 9906 Annex A

# SP 30 / 21 TO 37 STAGES

7 Vanes / 2900 Rpm (CCW) / 3" (inside threaded) Outlet Connection Diameter / 22 mm Shaft Diameter

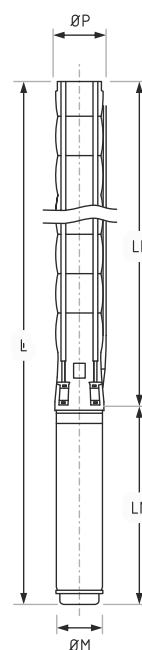


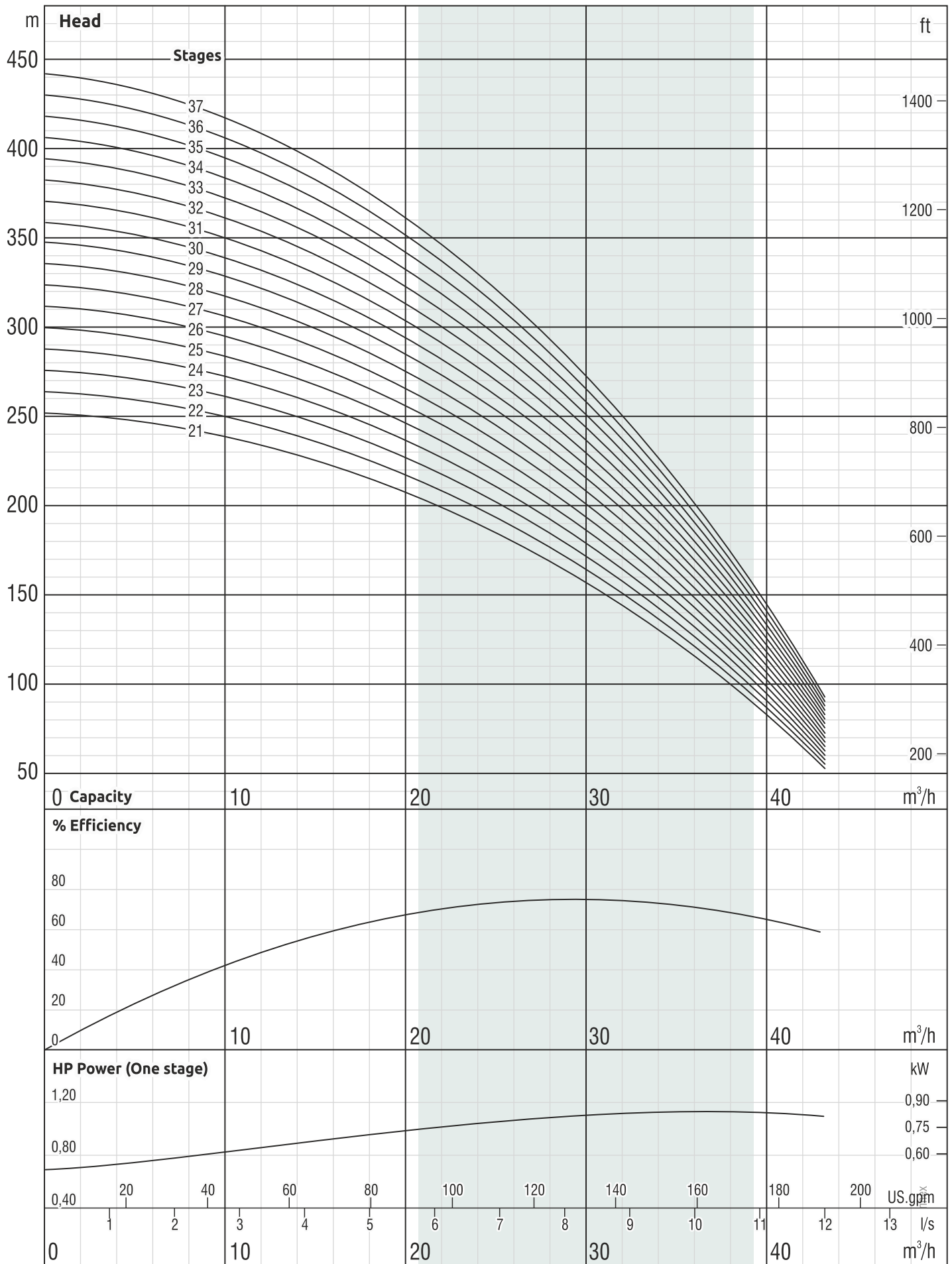
## Performance Data

Pump Code	Stage	Motor Power		m <sup>3</sup> /h	0	7,2	14,4	21,6	24	28,8	36	43,2
		HP	kW		l/s	0	2	4	6	6,6	8	10
SP 30-21	21	25	18,5	Head (m)	251	243	225	198	187	162	114	52
SP 30-22	22	30	22		263	254	236	207	196	170	120	54
SP 30-23	23	30	22		274	265	246	217	205	177	124	56
SP 30-24	24	30	22		286	276	256	226	214	184	131	58
SP 30-25	25	35	26,5		298	288	267	235	223	193	135	62
SP 30-26	26	35	26,5		311	301	278	245	232	201	142	63
SP 30-27	27	35	26,5		323	312	290	254	241	208	146	66
SP 30-28	28	35	26,5		333	323	300	264	250	215	152	68
SP 30-29	29	35	26,5		345	334	311	273	258	223	157	72
SP 30-30	30	35	26,5		357	346	322	283	267	232	162	73
SP 30-31	31	40	30		370	357	331	292	276	240	167	76
SP 30-32	32	40	30		381	370	342	302	285	246	173	77
SP 30-33	33	40	30		393	381	353	311	294	254	180	81
SP 30-34	34	40	30		404	392	364	321	303	262	184	83
SP 30-35	35	40	30		416	404	374	330	312	270	190	85
SP 30-36	36	40	30		430	414	384	340	321	276	194	86
SP 30-37	37	50	37		441	425	394	349	330	283	200	91

## Dimensions and Weights

Pump Code	Dimensions (mm)					Weights (kg)		
	L	LM	LP	ΦM	ΦP	Pump	Motor	Total
SP 30-21	3237	973	2264	142	132	48	72	120
SP 30-22	3365/3199	1006/840	2359	142/172	132	50	76/81	126/131
SP 30-23	3460/3294	1006/840	2454	142/172	132	52	76/81	128/133
SP 30-24	3555/3389	1006/840	2549	142/172	132	54	76/81	130/135
SP 30-25	3750/3534	1106/890	2644	142/172	132	56	87/86	143/142
SP 30-26	3845/3629	1106/890	2739	142/172	132	58	87/86	145/144
SP 30-27	3940/3724	1106/890	2834	142/172	132	60	87/86	147/146
SP 30-28	4035/3819	1106/890	2929	142/172	132	63	87/86	150/149
SP 30-29	4130/3914	1106/890	3024	142/172	132	65	87/86	152/151
SP 30-30	4225/4009	1106/890	3119	142/172	132	67	87/86	154/153
SP 30-31	4431/4154/4210	1217/940/996	3214	142/172/192	132	69	98/91/120	167/160/189
SP 30-32	4526/4249/4305	1217/940/996	3309	142/172/192	132	71	98/91/120	169/162/191
SP 30-33	4621/4344/4400	1217/940/996	3404	142/172/192	132	73	98/91/120	171/164/193
SP 30-34	4716/4439/4495	1217/940/996	3499	142/172/192	132	75	98/91/120	173/166/195
SP 30-35	4811/4534/4590	1217/940/996	3594	142/172/192	132	77	98/91/120	175/168/197
SP 30-36	4906/4629/4685	1217/940/996	3689	142/172/192	132	79	98/91/120	177/170/199
SP 30-37	5031/4764/4840	1247/980/1056	3784	142/172/192	132	81	103/103/129	184/184/210

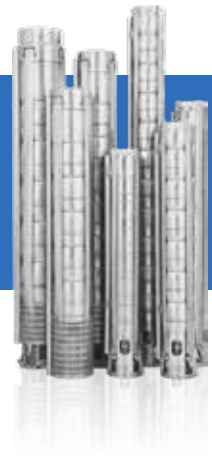




The hydraulic working characteristics have been taken with water at 15°C, at the atmospheric pressure of 1 bar and specific gravity is 1 gr/cm<sup>3</sup>  
 Due to continuous improvement in design we reserve the right to amend specifications or data without prior notice.

# SP 30 / 38 TO 54 STAGES

7 Vanes / 2900 Rpm (CCW) / 3" (inside threaded) Outlet Connection Diameter / 22 mm Shaft Diameter

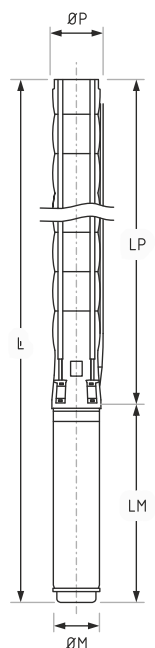


## Performance Data

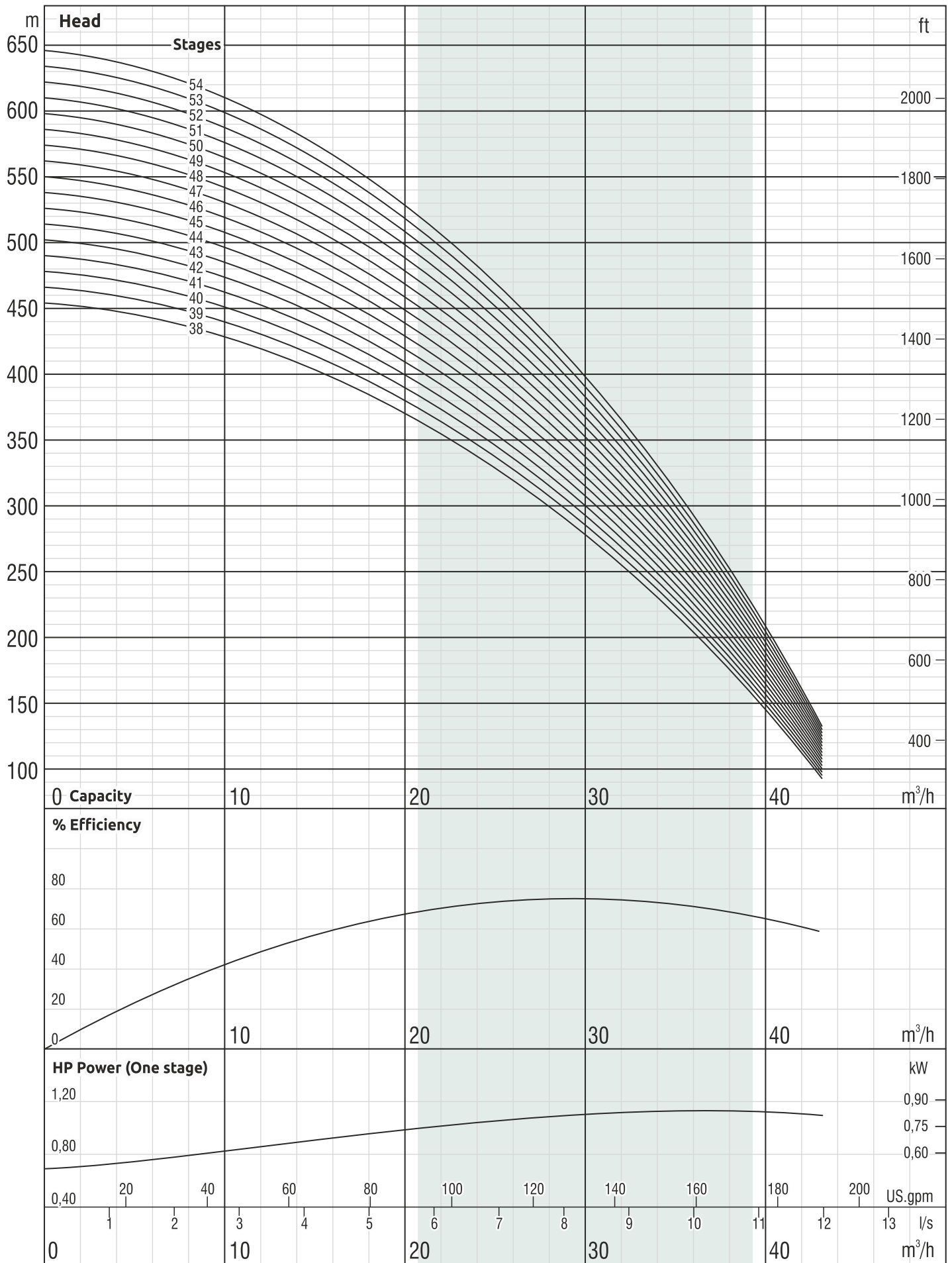
Pump Code	Stage	Motor Power		m³/h	0	7,2	14,4	21,6	24	28,8	36	43,2
		HP	kW		I/s	0	2	4	6	6,6	8	10
SP 30-38	38	50	37	Head (m)	454	438	407	358	340	294	207	94
SP 30-39	39	50	37		466	451	417	368	347	301	212	96
SP 30-40	40	50	37		477	462	428	377	356	308	217	98
SP 30-41	41	50	37		490	474	440	387	365	316	223	102
SP 30-42	42	50	37		502	484	450	396	374	323	228	103
SP 30-43	43	60	45		513	496	461	406	383	332	233	106
SP 30-44	44	60	45		525	508	472	415	393	340	240	108
SP 30-45	45	60	45		537	520	482	425	402	347	244	111
SP 30-46	46	60	45		550	532	492	434	411	354	250	113
SP 30-47	47	60	45		561	542	503	443	420	362	255	115
SP 30-48	48	60	45		572	554	514	453	427	371	261	117
SP 30-49	49	60	45		584	565	524	462	436	377	266	121
SP 30-50	50	60	45		596	576	535	472	446	385	271	123
SP 30-51	51	60	45		607	587	545	481	454	393	276	124
SP 30-52	52	70	52		620	600	556	491	464	401	282	127
SP 30-53	53	70	52		632	612	566	500	473	406	286	130
SP 30-54	54	70	52		643	622	575	510	481	414	292	132

## Dimensions and Weights

Pump Code	Dimensions (mm)					Weights (kg)		
	L	LM	LP	ΦM	ΦP	Pump	Motor	Total
SP 30-38	5126/4859/4935	1247/980/1056	3879	142/172/192	132	83	103/103/129	186/186/212
SP 30-39	5471/5204/5280	1247/980/1056	4224	142/172/192	132	124	103/103/129	227/227/253
SP 30-40	5566/5299/5375	1247/980/1056	4319	142/172/192	167	126	103/103/129	229/229/255
SP 30-41	5661/5394/5470	1247/980/1056	4414	142/172/192	167	129	103/103/129	232/232/258
SP 30-42	5756/5489/5565	1247/980/1056	4509	142/172/192	167	132	103/103/129	235/235/261
SP 30-43	5951/5664/5720	1347/1060/1116	4604	142/172/192	167	134	110/113/138	244/247/272
SP 30-44	6046/5759/5815	1347/1060/1116	4699	142/172/192	167	137	110/113/138	247/250/275
SP 30-45	6141/5854/5910	1347/1060/1116	4794	142/172/192	167	139	110/113/138	249/252/277
SP 30-46	6236/5949/6005	1347/1060/1116	4889	142/172/192	167	142	110/113/138	252/255/280
SP 30-47	6331/6044/6100	1347/1060/1116	4984	142/172/192	167	145	110/113/138	255/258/283
SP 30-48	6426/6139/6195	1347/1060/1116	5079	142/172/192	167	147	110/113/138	257/260/285
SP 30-49	6521/6234/6290	1347/1060/1116	5174	142/172/192	167	150	110/113/138	260/263/288
SP 30-50	6616/6329/6385	1347/1060/1116	5269	142/172/192	167	152	110/113/138	262/265/290
SP 30-51	6711/6424/6480	1347/1060/1116	5364	142/172/192	167	155	110/113/138	265/268/293
SP 30-52	6598/6660	1139/1201	5459	172/192	167	158	127/152	285/310
SP 30-53	6693/6755	1139/1201	5554	172/192	167	160	127/152	287/312
SP 30-54	6788/6850	1139/1201	5649	172/192	167	163	127/152	290/315



\*Pumps in Tube

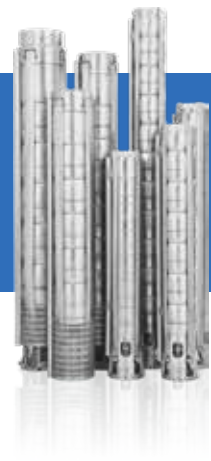


The hydraulic working characteristics have been taken with water at 15°C, at the atmospheric pressure of 1 bar and specific gravity is 1 gr/cm<sup>3</sup>  
 Due to continuous improvement in design we reserve the right to amend specifications or data without prior notice.

ISO 9906 Annex A

# SP 36 / 01 TO 17 STAGES

6 Vanes / 2900 Rpm (CCW) / 4" (inside threaded) Outlet Connection Diameter / 22 mm Shaft Diameter

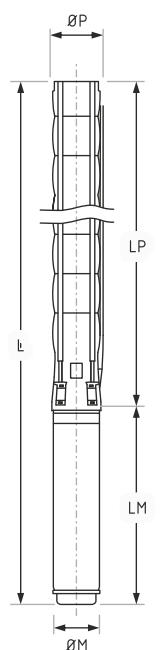


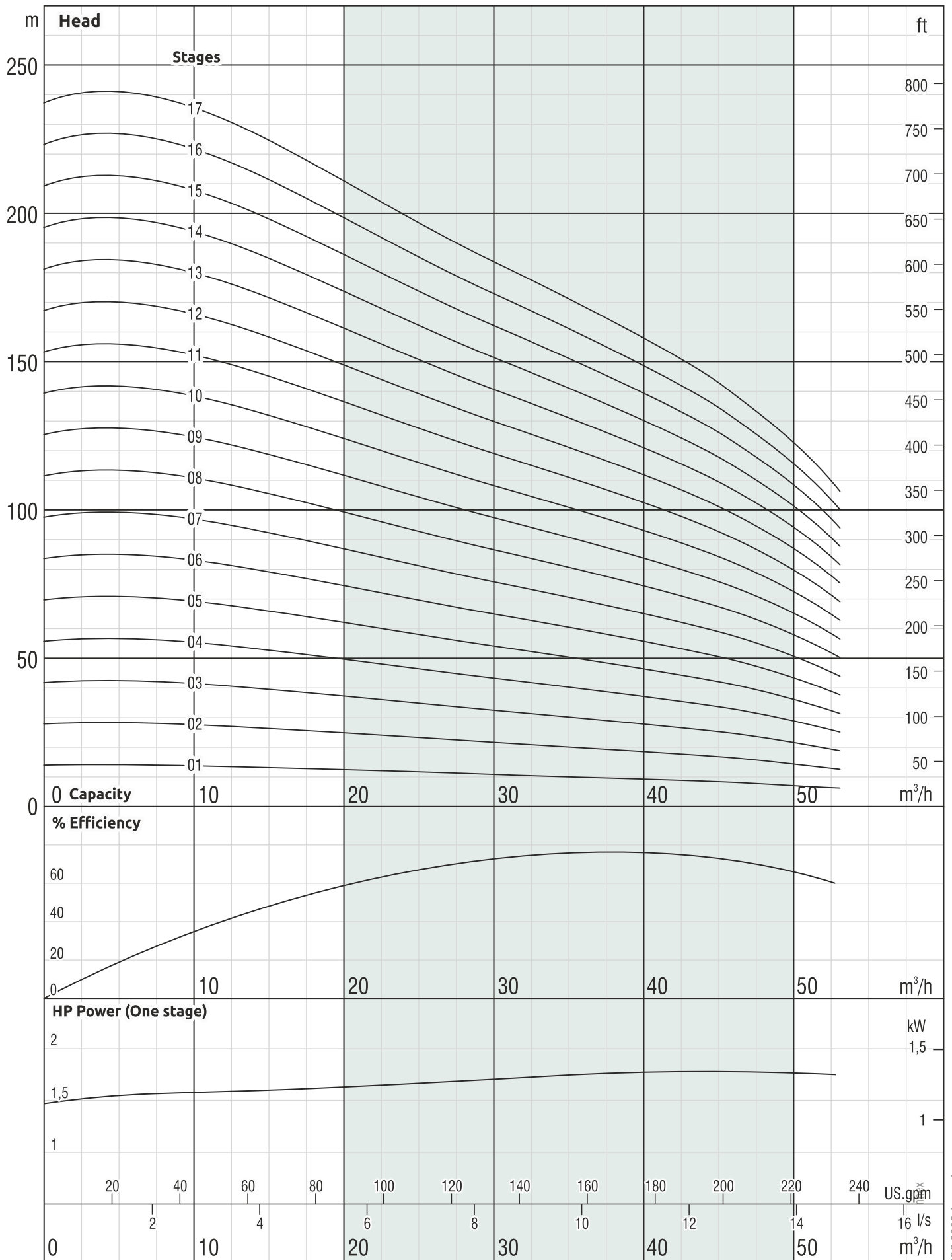
## Performance Data

Pump Code	Stage	Motor Power		m³/h	0	8	20	30	35	38	41	50
		HP	kW		I/s	0	2,2	5,6	8,3	9,7	10,6	11,4
SP 36-1	1	2	1,5	Head (m)	13	13	11	10	9	8	8	6
SP 36-2	2	4	3		26	26	24	21	18	18	18	14
SP 36-3	3	7,5	5,5		42	42	36	32	30	28	26	22
SP 36-4	4	10	7,5		55	55	50	43	40	37	36	28
SP 36-5	5	10	7,5		70	70	62	53	50	47	45	35
SP 36-6	6	12,5	9,3		83	83	73	64	60	57	54	43
SP 36-7	7	15	11		97	97	86	75	70	66	63	51
SP 36-8	8	17,5	13		112	112	98	85	80	76	72	57
SP 36-9	9	17,5	13		125	125	112	96	91	86	82	64
SP 36-10	10	20	15		140	140	123	107	101	95	91	72
SP 36-11	11	25	18,5		153	153	136	117	111	105	101	80
SP 36-12	12	25	18,5		166	166	147	130	121	114	110	86
SP 36-13	13	25	18,5		181	181	161	140	131	124	117	93
SP 36-14	14	30	22		194	194	173	150	140	134	126	101
SP 36-15	15	30	22		207	210	184	161	150	143	135	107
SP 36-16	16	35	26,5		222	223	196	172	160	153	144	114
SP 36-17-	17	35	26,5		234	235	210	182	170	161	153	121

## Dimensions and Weights

Pump Code	Dimensions (mm)					Weights (kg)		
	L	LM	LP	ΦM	ΦP	Pump	Motor	Total
SP 36-1	823	441	382	95	144	7	10.4	17.4
SP 36-2	1024	530	494	95	144	10	16.2	26.2
SP 36-3	1261/1255	655/649	606	95/142	144	12	22.5/40	34.5/52
SP 36-4	1513/1396	795/678	718	95/142	144	15	28.8/43.5	43.8/58.5
SP 36-5	1625/1508	795/678	830	95/142	144	18	28.8/43.5	46.8/61.5
SP 36-6	1700	758	942	142	144	20	50	70
SP 36-7	1854	800	1054	142	144	23	55	78
SP 36-8	2017	851	1166	142	144	26	60	86
SP 36-9	2129	851	1278	142	144	28	60	88
SP 36-10	2301	911	1390	142	144	31	65	96
SP 36-11	2475	973	1502	142	144	34	72	106
SP 36-12	2587	973	1614	142	144	36	72	108
SP 36-13	2699	973	1726	142	144	39	72	111
SP 36-14	2844/2678	1006/840	1838	142/172	144	42	76/81	118/123
SP 36-15	2956/2790	1006/840	1950	142/172	144	44	76/81	120/125
SP 36-16	3168/2952	1106/890	2062	142/172	144	47	87/86	134/133
SP 36-17-	3280/3064	1106/890	2174	142/172	144	49	87/86	136/135

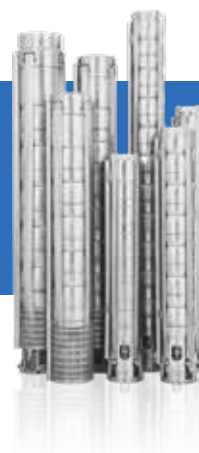




The hydraulic working characteristics have been taken with water at 15°C, at the atmospheric pressure of 1 bar and specific gravity is 1 gr/cm<sup>3</sup>. Due to continuous improvement in design we reserve the right to amend specifications or data without prior notice.

# SP 36 / 18 TO 33 STAGES

6 Vanes / 2900 Rpm (CCW) / 4" (inside threaded) Outlet Connection Diameter / 22 mm Shaft Diameter

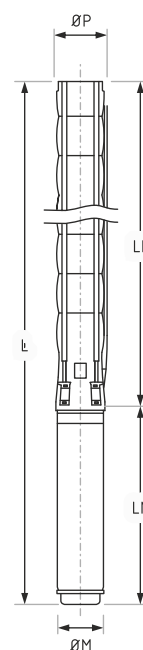


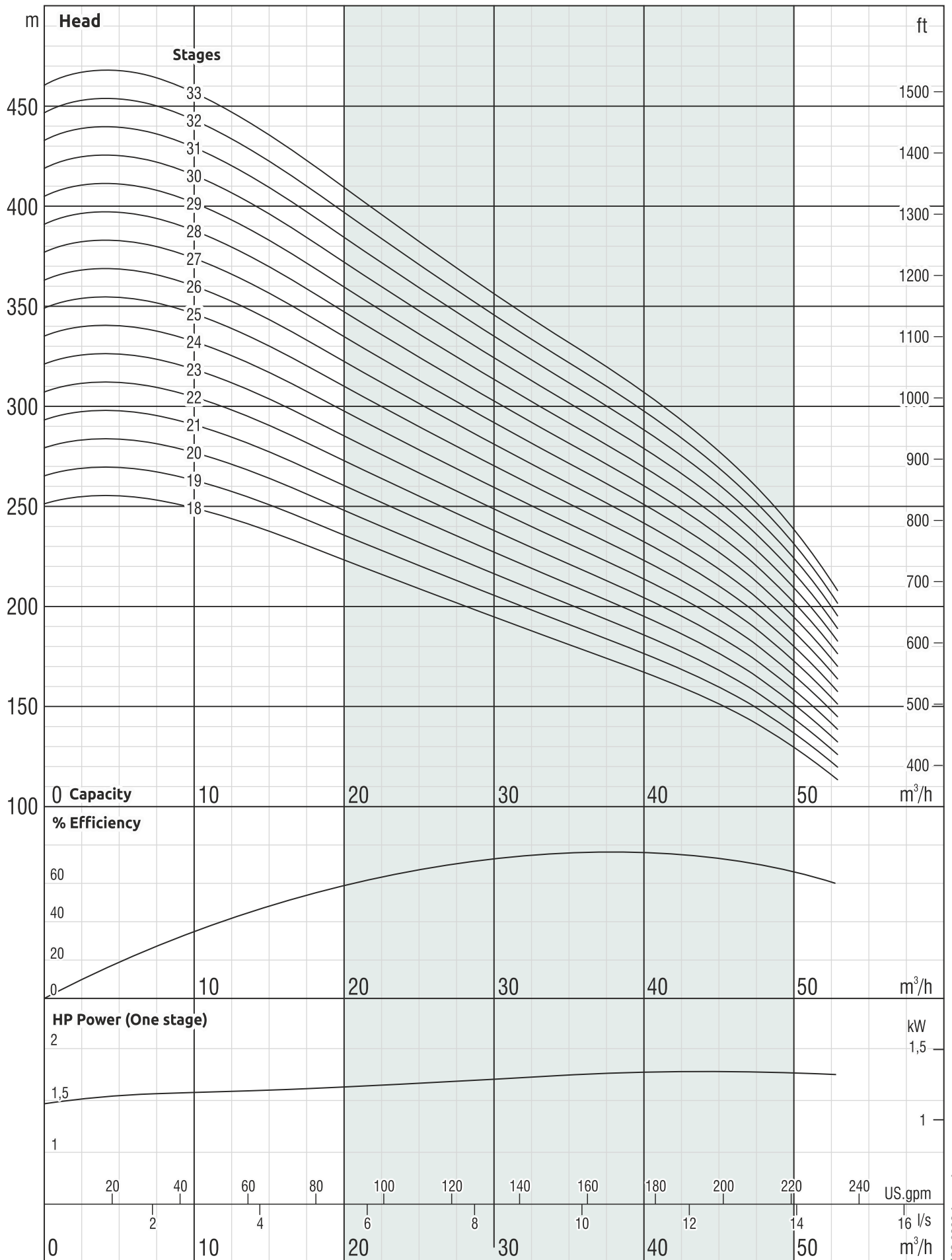
## Performance Data

Pump Code	Stage	Motor Power		m³/h	0	8	20	30	35	38	41	50	
		HP	kW		I/s	0	2,2	5,6	8,3	9,7	10,6	11,4	13,9
SP 36-18	18	35	26,5	Head (m)	251	252	223	194	181	173	165	131	
SP 36-19	19	40	30		265	266	236	205	191	183	174	174	137
SP 36-20	20	40	30		278	280	247	215	201	192	183	183	144
SP 36-21	21	40	30		293	294	261	226	211	202	192	192	152
SP 36-22	22	50	37		306	307	273	237	221	211	201	201	160
SP 36-23	23	50	37		321	322	284	247	231	221	211	210	166
SP 36-24	24	50	37		334	336	297	258	241	231	221	218	173
SP 36-25	25	50	37		348	351	310	270	251	240	230	228	181
SP 36-26	26	60	45		362	364	322	281	262	250	240	237	188
SP 36-27	27	60	45		376	378	334	292	272	260	250	246	195
SP 36-28	28	60	45		391	392	346	302	281	267	257	255	202
SP 36-29	29	60	45		404	406	360	312	291	277	267	264	210
SP 36-30	30	60	45		417	421	371	323	301	286	276	273	216
SP 36-31	31	60	45		432	434	384	334	311	296	286	282	224
SP 36-32	32	70	52		445	447	395	344	321	306	296	292	231
SP 36-33	33	70	52		460	462	410	355	331	315	305	301	236

## Dimensions and Weights

Pump Code	Dimensions (mm)					Weights (kg)		
	L	LM	LP	ΦM	ΦP	Pump	Motor	Total
SP 36-18	3392/3176	1106/890	2286	142/172	144	52	87/86	139/138
SP 36-19	3615/3338/3394	1217/940/996	2398	142/172/192	144	55	98/91/120	153/146/175
SP 36-20	3727/3450/3506	1217/940/996	2510	142/172/192	144	57	98/91/120	155/148/177
SP 36-21	3839/3562/3618	1217/940/996	2622	142/172/192	144	60	98/91/120	158/151/180
SP 36-22	3981/3714/3790	1247/980/1056	2734	142/172/192	144	63	103/103/129	166/166/192
SP 36-23	4093/3826/3902	1247/980/1056	2846	142/172/192	144	65	103/103/129	168/168/194
SP 36-24	4205/3938/4014	1247/980/1056	2958	142/172/192	144	68	103/103/129	171/171/197
SP 36-25	4317/4050/4126	1247/980/1056	3070	142/172/192	144	71	103/103/129	174/174/200
SP 36-26	4529/4242/4298	1347/1060/1116	3182	142/172/192	144	73	110/113/138	183/186/211
SP 36-27	4641/4354/4410	1347/1060/1116	3294	142/172/192	144	76	110/113/138	186/189/214
SP 36-28	4753/4466/4522	1347/1060/1116	3406	142/172/192	144	79	110/113/138	189/192/217
SP 36-29	4865/4578/4634	1347/1060/1116	3518	142/172/192	144	81	110/113/138	191/194/219
SP 36-30	4977/4690/4746	1347/1060/1116	3630	142/172/192	144	84	110/113/138	194/197/222
SP 36-31	5089/4802/4858	1347/1060/1116	3742	142/172/192	144	86	110/113/138	196/199/224
SP 36-32	4993/5055	1139/1201	3854	172/192	144	89	127/152	216/241
SP 36-33	5105/5167	1139/1201	3966	172/192	144	92	127/152	219/244



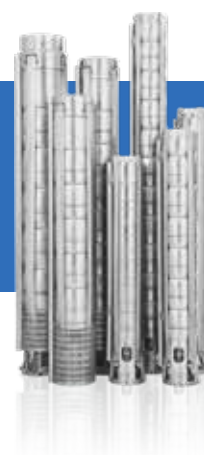


The hydraulic working characteristics have been taken with water at 15°C, at the atmospheric pressure of 1 bar and specific gravity is 1 gr/cm<sup>3</sup>. Due to continuous improvement in design we reserve the right to amend specifications or data without prior notice.

ISO 9906 Annex A

# SP 45 / 01 TO 19 STAGES

6 Vanes / 2900 Rpm (CCW) / 4" (inside threaded) Outlet Connection Diameter / 22 mm Shaft Diameter

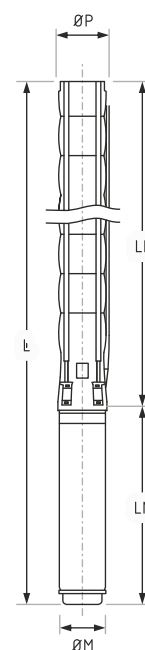


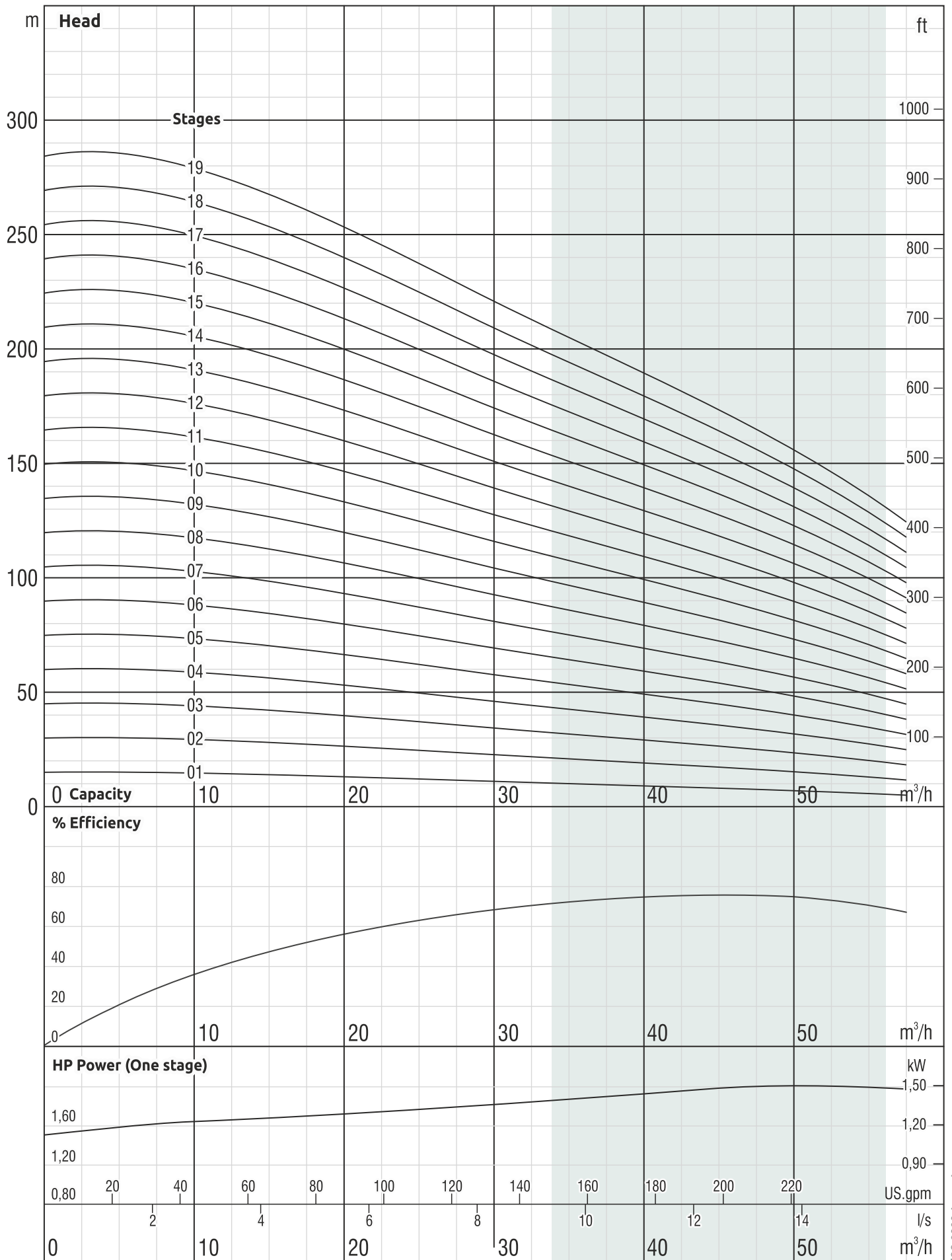
## Performance Data

Pump Code	Stage	Motor Power		m³/h	0	21,6	28,8	36	43,2	46,8	50,4	58
		HP	kW		I/s	0	6	8	10	12	13	14
SP 45-1	1	3	2,2	Head (m)	15	12	11	9	8	7	7	5
SP 45-2	2	4	3		28	25	22	18	16	16	14	11
SP 45-3	3	7,5	5,5		44	38	34	32	27	25	24	20
SP 45-4	4	10	7,5		60	52	46	42	37	34	32	25
SP 45-5	5	10	7,5		73	64	58	53	46	43	41	33
SP 45-6	6	12,5	9,3		88	77	71	63	55	53	48	38
SP 45-7	7	15	11		103	91	83	73	65	61	56	45
SP 45-8	8	17,5	13		118	103	94	84	74	70	64	52
SP 45-9	9	20	15		133	116	105	94	84	78	72	58
SP 45-10	10	25	18,5		148	130	117	105	93	87	81	64
SP 45-11	11	25	18,5		163	143	130	116	102	95	87	71
SP 45-12	12	30	22		177	156	141	126	112	104	96	76
SP 45-13	13	30	22		192	170	153	136	121	113	105	84
SP 45-14	14	30	22		206	182	164	146	130	122	113	90
SP 45-15	15	35	26,5		222	194	175	157	140	131	121	96
SP 45-16	16	35	26,5		236	206	186	170	150	140	130	103
SP 45-17	17	40	30		251	221	200	179	159	145	135	110
SP 45-18	18	40	30		266	234	212	191	167	156	145	116
SP 45-19	19	50	37		281	245	223	200	175	164	152	122

## Dimensions and Weights

Pump Code	Dimensions (mm)					Weights (kg)		
	L	LM	LP	ΦM	ΦP	Pump	Motor	Total
SP 45-1	853	471	382	95	144	7	13.9	20.9
SP 45-2	1024	530	494	95	144	10	16.2	26.2
SP 45-3	1261/1255	655/649	606	95/142	144	12	22.5/40	34.5/52
SP 45-4	1513/1396	795/678	718	95/142	144	15	28.8/43.5	43.8/58.5
SP 45-5	1625/1508	795/678	830	95/142	144	18	28.8/43.5	46.8/61.5
SP 45-6	1700	758	942	142	144	20	50	70
SP 45-7	1854	800	1054	142	144	23	55	78
SP 45-8	2017	851	1166	142	144	26	60	86
SP 45-9	2189	911	1278	142	144	28	65	93
SP 45-10	2363	973	1390	142	144	31	72	103
SP 45-11	2475	973	1502	142	144	34	72	106
SP 45-12	2620/2454	1006/840	1614	142/172	144	36	76/81	112/117
SP 45-13	2732/2566	1006/840	1726	142/172	144	39	76/81	115/120
SP 45-14	2844/2678	1006/840	1838	142/172	144	42	76/81	118/123
SP 45-15	3056/2840	1106/890	1950	142/172	144	44	87/86	131/130
SP 45-16	3168/2952	1106/890	2062	142/172	144	47	87/86	134/133
SP 45-17	3391/3114/3170	1217/940/996	2174	142/172/192	144	49	98/91/120	147/140/169
SP 45-18	3503/3226/3282	1217/940/996	2286	142/172/192	144	52	98/91/120	150/143/172
SP 45-19	3645/3378/3454	1247/980/1056	2398	142/172/192	144	55	103/103/129	158/158/184



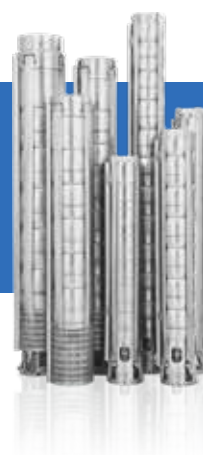


The hydraulic working characteristics have been taken with water at 15°C, at the atmospheric pressure of 1 bar and specific gravity is 1 gr/cm<sup>3</sup>  
 Due to continuous improvement in design we reserve the right to amend specifications or data without prior notice.

ISO 9906 Annex A

# SP 45 / 20 TO 33 STAGES

6 Vanes / 2900 Rpm (CCW) / 4" (inside threaded) Outlet Connection Diameter / 22 mm Shaft Diameter

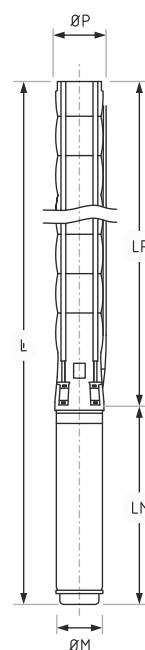


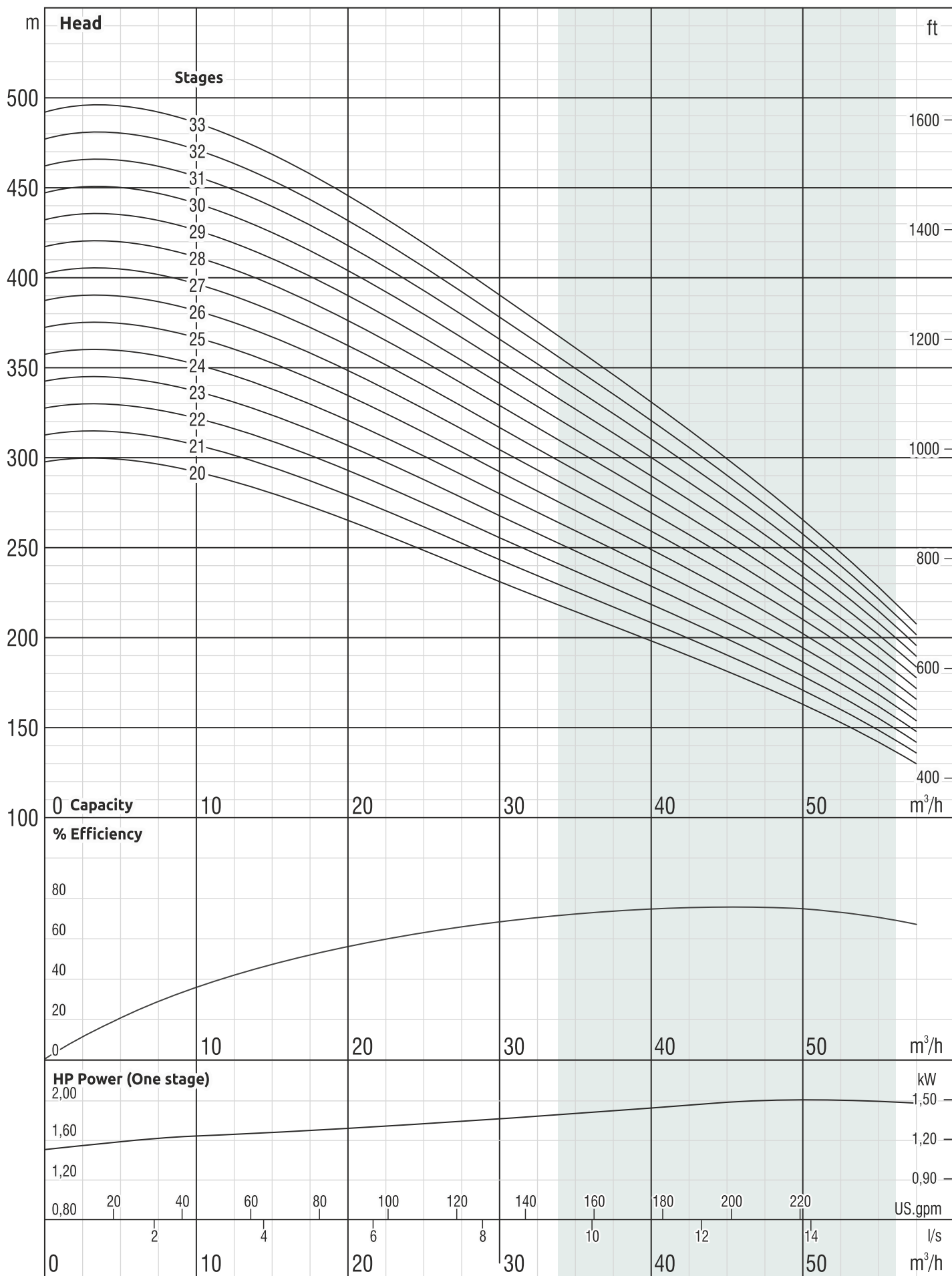
## Performance Data

Pump Code	Stage	Motor Power		m <sup>3</sup> /h l/s	0	21,6	28,8	36	43,2	46,8	50,4	58
		HP	kW		0	6	8	10	12	13	14	16,1
SP 45-20	20	50	37	Head (m)	297	261	237	212	188	175	162	130
SP 45-21	21	50	37		313	274	247	223	197	184	171	136
SP 45-22	22	50	37		326	286	260	233	207	193	177	144
SP 45-23	23	50	37		342	300	272	244	216	202	185	150
SP 45-24	24	60	45		356	313	283	253	225	211	193	156
SP 45-25	25	60	45		372	325	295	264	235	219	203	163
SP 45-26	26	60	45		386	338	306	275	244	228	211	170
SP 45-27	27	60	45		402	352	318	285	254	237	217	175
SP 45-28	28	60	45		416	364	331	296	263	246	225	182
SP 45-29	29	60	45		432	377	342	306	272	254	234	188
SP 45-30	30	60	45		446	391	354	317	282	264	242	195
SP 45-31	31	75	55		461	403	366	327	291	269	251	201
SP 45-32	32	75	55		475	416	376	337	300	278	259	207
SP 45-33	33	75	55		490	430	393	351	309	288	264	214

## Dimensions and Weights

Pump Code	Dimensions (mm)					Weights (kg)		
	L	LM	LP	ΦM	ΦP	Pump	Motor	Total
SP 45-20	3757/3490/3566	1247/980/1056	2510	142/172/192	144	57	103/103/129	160/160/186
SP 45-21	3869/3602/3678	1247/980/1056	2622	142/172/192	144	60	103/103/129	163/163/189
SP 45-22	3981/3714/3790	1247/980/1056	2734	142/172/192	144	63	103/103/129	166/166/192
SP 45-23	4093/3826/3902	1247/980/1056	2846	142/172/192	144	65	103/103/129	168/168/194
SP 45-24	4305/4018/4074	1347/1060/1116	2958	142/172/192	144	68	110/113/138	178/181/206
SP 45-25	4417/4130/4186	1347/1060/1116	3070	142/172/192	144	71	110/113/138	181/184/209
SP 45-26	4529/4242/4298	1347/1060/1116	3182	142/172/192	144	73	110/113/138	183/186/211
SP 45-27	4641/4354/4410	1347/1060/1116	3294	142/172/192	144	76	110/113/138	186/189/214
SP 45-28	4753/4466/4522	1347/1060/1116	3406	142/172/192	144	79	110/113/138	189/192/217
SP 45-29	4865/4578/4634	1347/1060/1116	3518	142/172/192	144	81	110/113/138	191/194/219
SP 45-30	4977/4690/4746	1347/1060/1116	3630	142/172/192	144	84	110/113/138	194/197/222
SP 45-31	4960/5028	1218/1286	3742	172/192	144	86	138/170	224/256
SP 45-32	5072/5140	1218/1286	3854	172/192	144	89	138/170	227/259
SP 45-33	5184/5252	1218/1286	3966	172/192	144	92	138/170	230/262



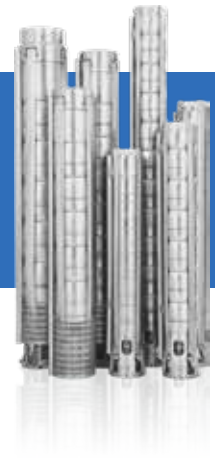


The hydraulic working characteristics have been taken with water at 15°C, at the atmospheric pressure of 1 bar and specific gravity is 1 gr/cm³  
 Due to continuous improvement in design we reserve the right to amend specifications or data without prior notice.

ISO 9906 Annex A

# SP 60 / 01 TO 17 STAGES

6 Vanes / 2900 Rpm (CCW) / 4" (inside threaded) Outlet Connection Diameter / 22 mm Shaft Diameter

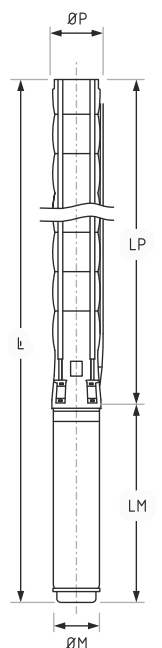


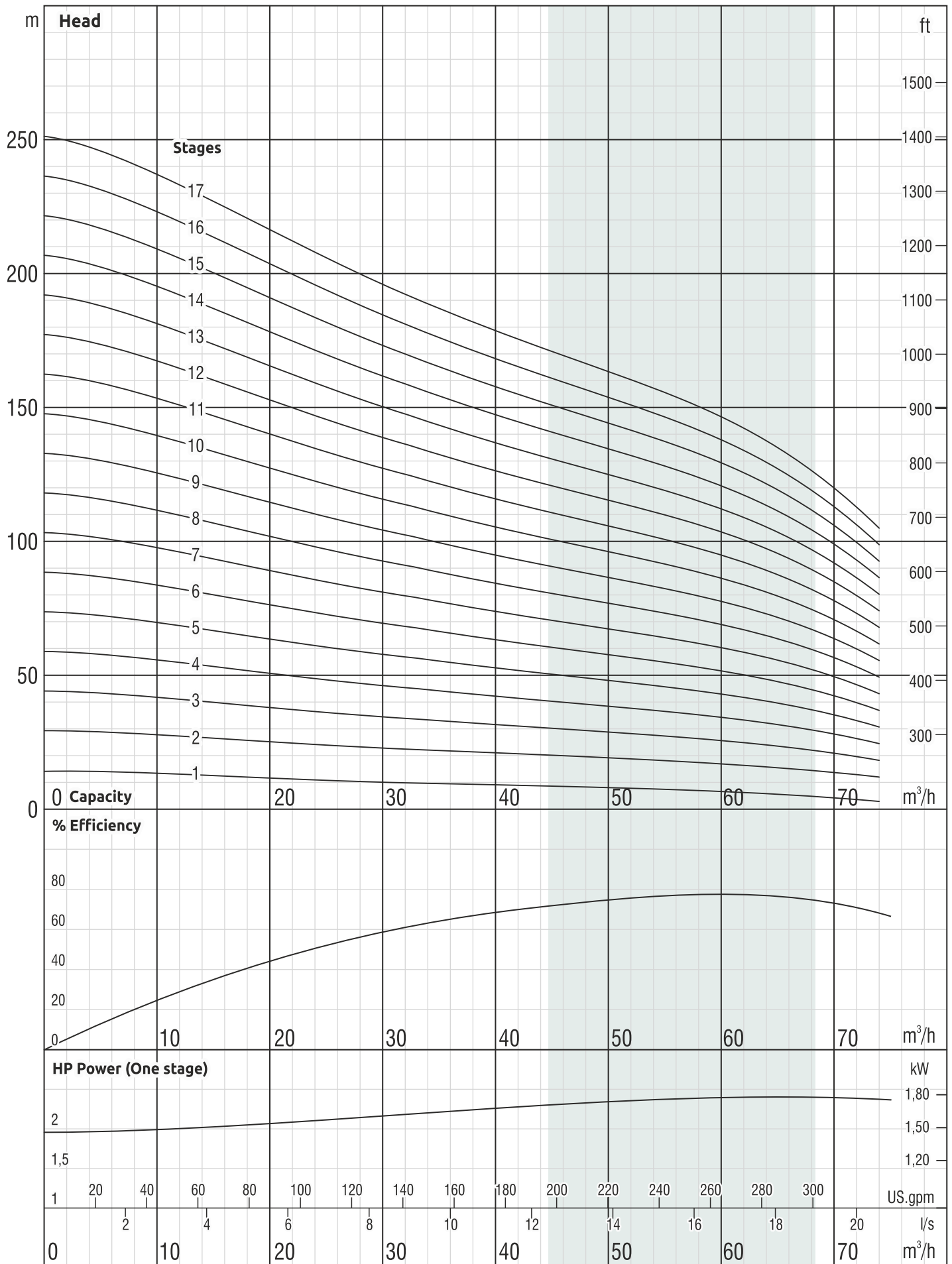
## Performance Data

Pump Code	Stage	Motor Power		m³/h	0	30	36	43	51	58	65	72
		HP	kW		I/s	0	8,3	10	11,9	14,2	16,1	18,1
SP 60-1	1	3	2,2	Head (m)	14	10	9	8	7	6	5	3
SP 60-2	2	5,5	4		30	23	22	20	20	18	15	12
SP 60-3	3	7,5	5,5		44	34	33	31	29	26	23	17
SP 60-4	4	10	7,5		58	46	44	41	37	35	31	24
SP 60-5	5	12,5	9,3		73	58	54	51	48	43	37	31
SP 60-6	6	15	11		88	70	65	61	55	52	45	36
SP 60-7	7	17,5	13		103	82	76	72	67	60	53	43
SP 60-8	8	20	15		117	93	87	82	76	70	61	48
SP 60-9	9	25	18,5		132	104	98	92	84	77	68	54
SP 60-10	10	25	18,5		147	116	110	102	95	87	75	62
SP 60-11	11	30	22		162	127	121	112	103	94	83	67
SP 60-12	12	30	22		176	140	131	124	114	105	91	73
SP 60-13	13	35	26,5		191	151	142	132	122	112	97	80
SP 60-14	14	35	26,5		205	163	153	144	132	121	105	84
SP 60-15	15	40	30		221	174	164	154	141	130	113	91
SP 60-16	16	40	30		235	185	174	163	151	136	121	96
SP 60-17	17	40	30		251	195	184	175	160	148	129	103

## Dimensions and Weights

Pump Code	Dimensions (mm)					Weights (kg)		
	L	LM	LP	ΦM	ΦP	Pump	Motor	Total
SP 60-1	853	471	382	95	144	7	13,9	20,9
SP 60-2	1094/1143	600/649	494	95/142	144	10	19,8/40	29,8/50
SP 60-3	1261/1255	655/649	606	95/142	144	12	22,5/40	34,5/52
SP 60-4	1513/1396	795/678	718	95/142	144	15	28,8/43,5	43,8/58,5
SP 60-5	1588	758	830	142	144	18	50	68
SP 60-6	1742	800	942	142	144	20	55	75
SP 60-7	1905	851	1054	142	144	23	60	83
SP 60-8	2077	911	1166	142	144	26	65	91
SP 60-9	2251	973	1278	142	144	28	72	100
SP 60-10	2363	973	1390	142	144	31	72	103
SP 60-11	2508/2342	1006/840	1502	142/172	144	34	76/81	110/115
SP 60-12	2620/2454	1006/840	1614	142/172	144	36	76/81	112/117
SP 60-13	2832/2616	1106/890	1726	142/172	144	39	87/86	126/125
SP 60-14	2944/2728	1106/890	1838	142/172	144	42	87/86	129/128
SP 60-15	3167/2890/2946	1217/940/996	1950	142/172/192	144	44	98/91/120	142/135/164
SP 60-16	3279/3002/3058	1217/940/996	2062	142/172/192	144	47	98/91/120	145/138/167
SP 60-17	3391/3114/3170	1217/940/996	2174	142/172/192	144	50	98/91/120	148/141/170





The hydraulic working characteristics have been taken with water at 15°C, at the atmospheric pressure of 1 bar and specific gravity is 1 gr/cm<sup>3</sup>. Due to continuous improvement in design we reserve the right to amend specifications or data without prior notice.

ISO 9906 Annex A

# SP 60 / 18 TO 30 STAGES

6 Vanes / 2900 Rpm (CCW) / 4" (inside threaded) Outlet Connection Diameter / 22 mm Shaft Diameter

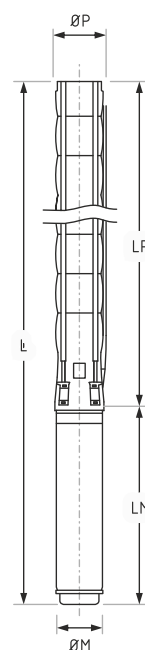


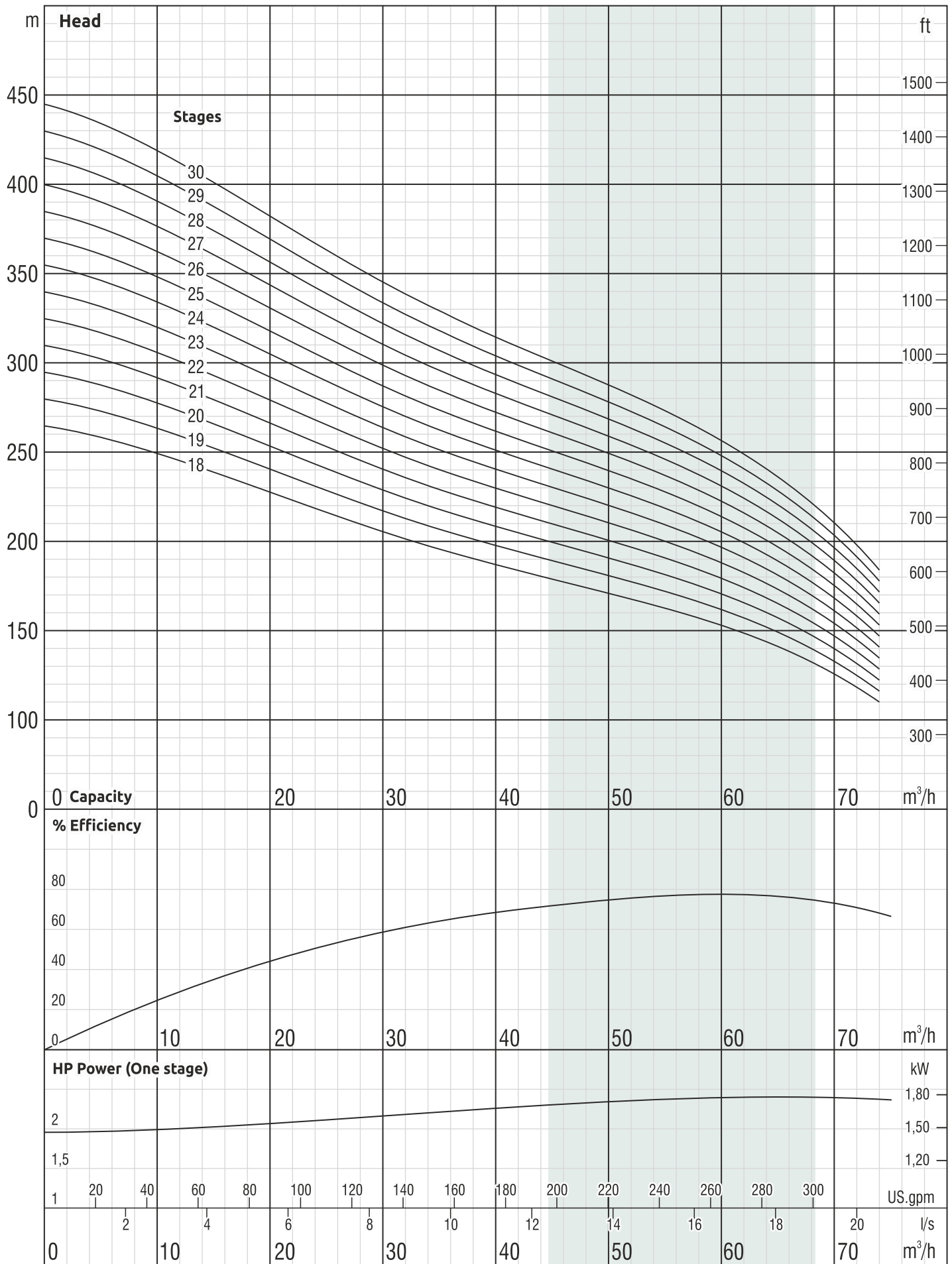
## Performance Data

Pump Code	Stage	Motor Power		m³/h	0	30	36	43	51	58	65	72
		HP	kW		l/s	0	8,3	10	11,9	14,2	16,1	18,1
SP 60-18	18	50	37	Head (m)	266	211	198	184	169	155	137	111
SP 60-19	19	50	37		281	222	208	194	178	164	145	116
SP 60-20	20	50	37		295	234	220	204	187	173	153	123
SP 60-21	21	50	37		311	245	231	214	197	181	160	128
SP 60-22	22	60	45		325	256	242	224	206	190	167	135
SP 60-23	23	60	45		340	268	253	234	215	198	175	142
SP 60-24	24	60	45		354	281	263	244	225	206	183	147
SP 60-25	25	70	52		370	292	274	255	234	215	191	153
SP 60-26	26	70	52		384	303	284	265	244	224	197	160
SP 60-27	27	70	52		400	315	295	275	253	232	205	165
SP 60-28	28	70	52		413	327	306	285	263	241	213	172
SP 60-29	29	75	55		427	337	316	295	272	250	221	177
SP 60-30	30	75	55		443	351	327	306	281	257	227	184

## Dimensions and Weights

Pump Code	Dimensions (mm)					Weights (kg)		
	L	LM	LP	ΦM	ΦP	Pump	Motor	Total
SP 60-18	3533/3266/3342	1247/980/1056	2286	142/172/192	144	52	103/103/129	155/155/181
SP 60-19	3645/3378/3454	1247/980/1056	2398	142/172/192	144	55	103/103/129	158/158/184
SP 60-20	3757/3490/3566	1247/980/1056	2510	142/172/192	144	58	103/103/129	161/161/187
SP 60-21	3869/3602/3678	1247/980/1056	2622	142/172/192	144	60	103/103/129	163/163/189
SP 60-22	4081/3794/3850	1347/1060/1116	2734	142/172/192	144	63	110/113/138	173/176/201
SP 60-23	4193/3906/3962	1347/1060/1116	2846	142/172/192	144	65	110/113/138	175/178/203
SP 60-24	4305/4018/4074	1347/1060/1116	2958	142/172/192	144	68	110/113/138	178/181/206
SP 60-25	4209/4271	1139/1201	3070	172/192	144	71	127/152	198/223
SP 60-26	4321/4383	1139/1201	3182	172/192	144	73	127/152	200/225
SP 60-27	4433/4495	1139/1201	3294	172/192	144	76	127/152	203/228
SP 60-28	4545/4607	1139/1201	3406	172/192	144	79	127/152	206/231
SP 60-29	4736/4804	1218/1286	3518	172/192	144	81	138/170	219/251
SP 60-30	4848/4916	1218/1286	3630	172/192	144	84	138/170	222/254



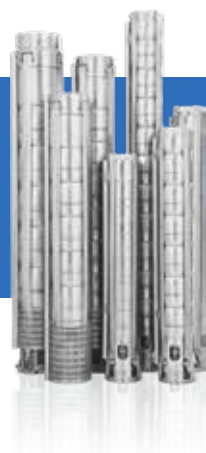


The hydraulic working characteristics have been taken with water at 15°C, at the atmospheric pressure of 1 bar and specific gravity is 1 gr/cm<sup>3</sup>  
 Due to continuous improvement in design we reserve the right to amend specifications or data without prior notice.

ISO 9906 Annex A

# SP 75 / 01 TO 22 STAGES

6 Vanes / 2900 Rpm (CCW) / 5" (inside threaded) Outlet Connection Diameter / 25,4 mm Shaft Diameter

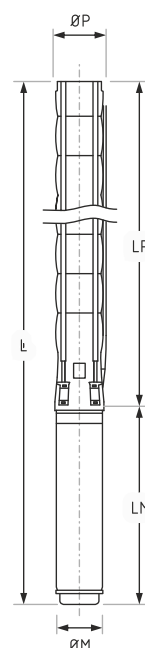


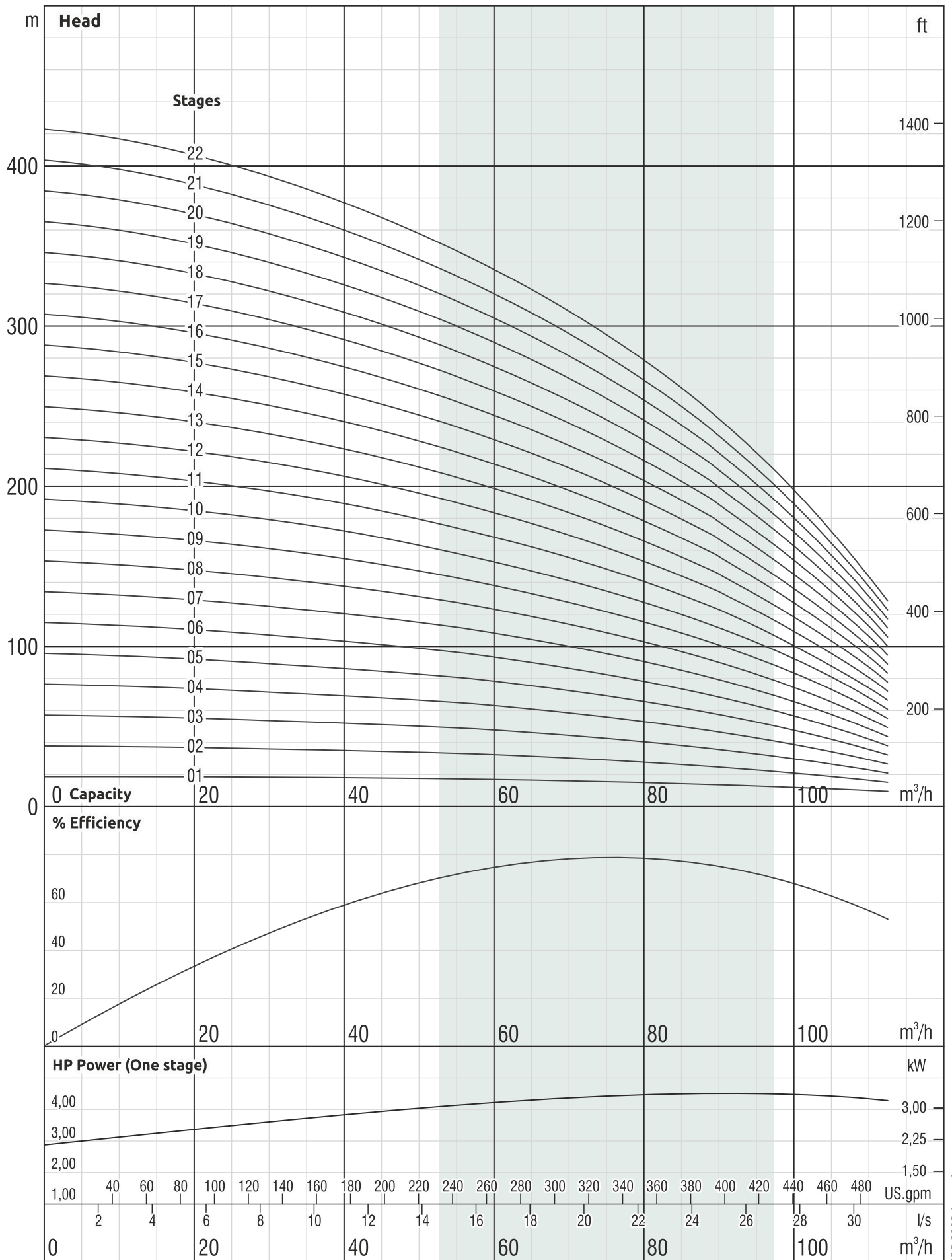
## Performance Data

Pump Code	Stage	Motor Power		m³/h	0	20	57,6	64,8	72	79,2	86,4	96
		HP	kW									
				I/s	0	5,5	16	18	20	22	24	26,7
SP 75-1	1	5,5	4	Head (m)	19	19	15	15	14	13	11	9
SP 75-2	2	10	7,5		37	36	31	28	26	25	23	18
SP 75-3	3	15	11		57	55	45	44	41	37	34	27
SP 75-4	4	20	15		76	74	62	57	54	50	44	36
SP 75-5	5	25	18,5		95	93	76	73	67	63	56	46
SP 75-6	6	30	22		114	111	93	87	82	74	67	55
SP 75-7	7	35	26,5		134	130	107	102	95	87	78	65
SP 75-8	8	40	30		153	148	123	116	108	101	91	74
SP 75-9	9	50	37		172	166	138	132	122	112	102	83
SP 75-10	10	50	37		192	185	154	145	136	125	112	93
SP 75-11	11	60	45		211	203	170	161	150	137	124	102
SP 75-12	12	60	45		231	222	185	174	163	151	135	111
SP 75-13	13	70	52		250	241	201	190	176	163	146	121
SP 75-14	14	70	52		267	260	215	204	190	174	157	130
SP 75-15	15	75	55		286	277	231	217	204	187	170	140
SP 75-16	16	80	60		305	295	245	233	216	200	180	150
SP 75-17	17	90	67		324	313	261	245	231	212	191	155
SP 75-18	18	90	67		345	333	276	262	245	225	203	167
SP 75-19	19	90	67		363	351	292	275	259	235	213	175
SP 75-20	20	100	75		382	370	305	291	271	251	224	184
SP 75-21	21	100	75		402	389	323	304	284	262	235	194
SP 75-22	22	110	81		421	405	339	321	300	274	245	203

## Dimensions and Weights

Pump Code	Dimensions (mm)					Weights (kg)		
	L	LM	LP	ΦM	ΦP	Pump	Motor	Total
SP 75-1	1171/1220	600/649	571	95/142	172	26	19,8/40	45,8/66
SP 75-2	1494/1377	795/678	699	95/142	172	30	28,8/43,5	58,8/73,5
SP 75-3	1627	800	827	142	172	34	55	89
SP 75-4	1866	911	955	142	172	38	65	103
SP 75-5	2056	973	1083	142	172	42	72	114
SP 75-6	2217/2051	1006/840	1211	142/172	172	46	76/81	122/127
SP 75-7	2445/2229	1106/890	1339	142/172	172	50	87/86	137/136
SP 75-8	2684/2407/2463	1217/940/996	1467	142/172/192	172	54	98/91/120	152/145/174
SP 75-9	2842/2575/2651	1247/980/1056	1595	142/172/192	172	58	103/103/129	161/161/187
SP 75-10	2970/2703/2779	1247/980/1056	1723	142/172/192	172	62	103/103/129	165/165/191
SP 75-11	3198/2911/2967	1347/1060/1116	1851	142/172/192	172	66	110/113/138	176/179/204
SP 75-12	3326/3039/3095	1347/1060/1116	1979	142/172/192	172	70	110/113/138	180/183/208
SP 75-13	3246/3308	1139/1201	2107	172/192	172	74	127/152	201/226
SP 75-14	3374/3436	1139/1201	2235	172/192	172	78	127/152	205/230
SP 75-15	3581/3649	1218/1286	2363	172/192	172	82	138/170	220/252
SP 75-16	3741/3777	1250/1286	2491	172/192	172	86	149/170	235/256
SP 75-17	3901/3960	1282/1341	2619	172/192	172	89	160/185	249/274
SP 75-18	4029/4088	1282/1341	2747	172/192	172	93	160/185	253/278
SP 75-19	4157/4216	1282/1341	2875	172/192	172	97	160/185	257/282
SP 75-20	4369/4253	1366/1250	3003	192/231	172	101	186/200	287/301
SP 75-21	4497/4381	1366/1250	3131	192/231	172	105	186/200	291/305
SP 75-22	4650/4569	1391/1310	3259	192/231	172	109	195/228	304/337





The hydraulic working characteristics have been taken with water at 15°C, at the atmospheric pressure of 1 bar and specific gravity is 1 gr/cm<sup>3</sup>  
 Due to continuous improvement in design we reserve the right to amend specifications or data without prior notice.

ISO 9906 Annex A

# SP 95 / 01 TO 22 STAGES

6 Vanes / 2900 Rpm (CCW) / 5" (inside threaded) Outlet Connection Diameter / 25,4 mm Shaft Diameter

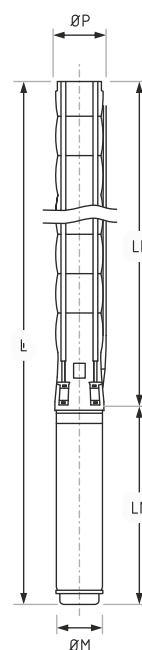


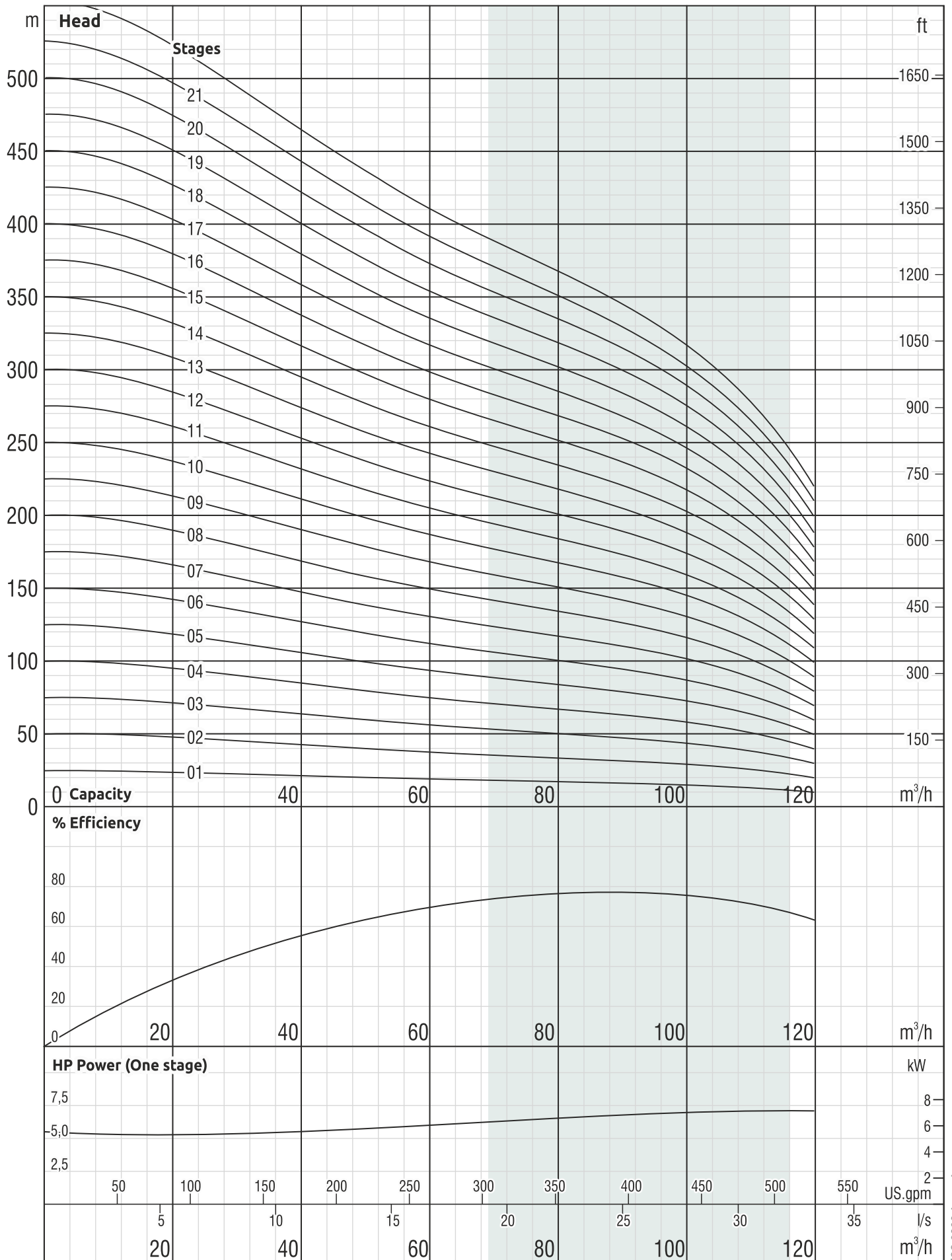
## Performance Data

Pump Code	Stage	Motor Power		m³/h	0	20	40	60	70	80	90	100	110
		HP	kW		l/s	0	5,6	11,1	16,7	19,4	22,2	25	27,8
SP 95-1	1	7,5	5,5	Head (m)	25	24	21	19	18	17	16	15	13
SP 95-2	2	15	11		50	46	42	36	35	34	32	28	25
SP 95-3	3	20	15		74	71	63	55	53	51	47	44	37
SP 95-4	4	30	22		100	94	84	74	71	66	64	57	51
SP 95-5	5	40	30		124	118	104	93	88	83	78	73	63
SP 95-6	6	50	37		150	142	125	112	105	101	94	87	75
SP 95-7	7	50	37		174	165	147	131	123	117	111	102	88
SP 95-8	8	60	45		200	190	168	148	142	134	126	116	101
SP 95-9	9	60	45		224	213	190	167	158	152	142	131	113
SP 95-10	10	75	55		250	236	211	186	176	167	158	145	126
SP 95-11	11	80	60		274	261	231	204	194	184	174	161	137
SP 95-12	12	90	67		300	284	252	223	212	201	191	174	151
SP 95-13	13	100	75		324	307	273	242	230	217	205	190	164
SP 95-14	14	100	75		350	331	294	260	246	234	221	203	175
SP 95-15	15	110	81		374	354	314	280	264	252	236	217	190
SP 95-16	16	125	92		400	380	335	296	282	266	253	233	202
SP 95-17	17	125	92		423	402	355	314	300	283	269	245	213
SP 95-18	18	150	110		450	426	377	335	317	302	285	262	226
SP 95-19	19	150	110		473	450	400	353	334	319	301	274	240
SP 95-20	20	150	110		499	473	421	371	352	334	315	291	251
SP 95-21	21	150	110		523	495	441	391	371	352	331	304	263
SP 95-22	22	175	129		549	521	462	410	389	369	345	320	275

## Dimensions and Weights

Pump Code	Dimensions (mm)					Weights (kg)		
	L	LM	LP	ΦM	ΦP	Pump	Motor	Total
SP 95-1	1226/1220	655/649	571	95/142	172	26	22.5/40	48.5/66
SP 95-2	1499	800	699	142	172	30	55	85
SP 95-3	1738	911	827	142	172	34	65	99
SP 95-4	1961/1795	1006/840	955	142/172	172	38	76/81	114/119
SP 95-5	2300/2023/2079	1217/940/996	1083	142/172/192	172	42	98/91/120	140/133/162
SP 95-6	2458/2191/2267	1247/980/1056	1211	142/172/192	172	46	103/103/129	149/149/175
SP 95-7	2586/2319/2395	1247/980/1056	1339	142/172/192	172	50	103/103/129	153/153/179
SP 95-8	2814/2527/2583	1347/1060/1116	1467	142/172/192	172	54	110/113/138	164/167/192
SP 95-9	2942/2655/2711	1347/1060/1116	1595	142/172/192	172	58	110/113/138	168/171/196
SP 95-10	2941/3009	1218/1286	1723	172/192	172	62	138/170	200/232
SP 95-11	3101/3137	1250/1286	1851	172/192	172	66	149/170	215/236
SP 95-12	3261/3320	1282/1341	1979	172/192	172	70	160/185	230/255
SP 95-13	3473/3357	1366/1250	2107	192/231	172	74	186/200	260/274
SP 95-14	3601/3485	1366/1250	2235	192/231	172	78	186/200	264/278
SP 95-15	3754/3673	1391/1310	2363	192/231	172	82	195/228	277/310
SP 95-16	3962/3861	1471/1370	2491	192/231	172	86	210/256	296/342
SP 95-17	4090/3989	1471/1370	2619	192/231	172	90	210/256	300/346
SP 95-18	4348/4177	1601/1430	2747	192/231	172	94	235/284	329/378
SP 95-19	4476/4305	1601/1430	2875	192/231	172	98	235/284	333/382
SP 95-20	4604/4433	1601/1430	3003	192/231	172	102	235/284	337/386
SP 95-21	4732/4561	1601/1430	3131	192/231	172	106	235/284	341/390
SP 95-22	4769	1510	3259	231	172	110	311	421



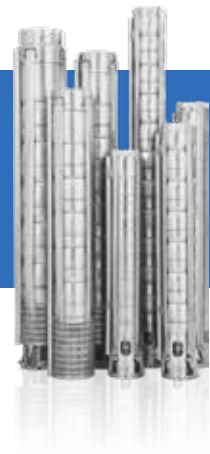


The hydraulic working characteristics have been taken with water at 15°C, at the atmospheric pressure of 1 bar and specific gravity is 1 gr/cm<sup>3</sup>  
 Due to continuous improvement in design we reserve the right to amend specifications or data without prior notice.

ISO 9906 Annex A

# SP 105 / 01 TO 19 STAGES

6 Vanes / 2900 Rpm (CCW) / 6" (inside threaded) Outlet Connection Diameter / 30,16 mm Shaft Diameter

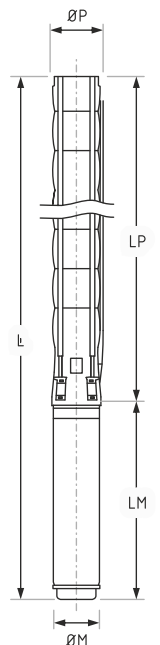


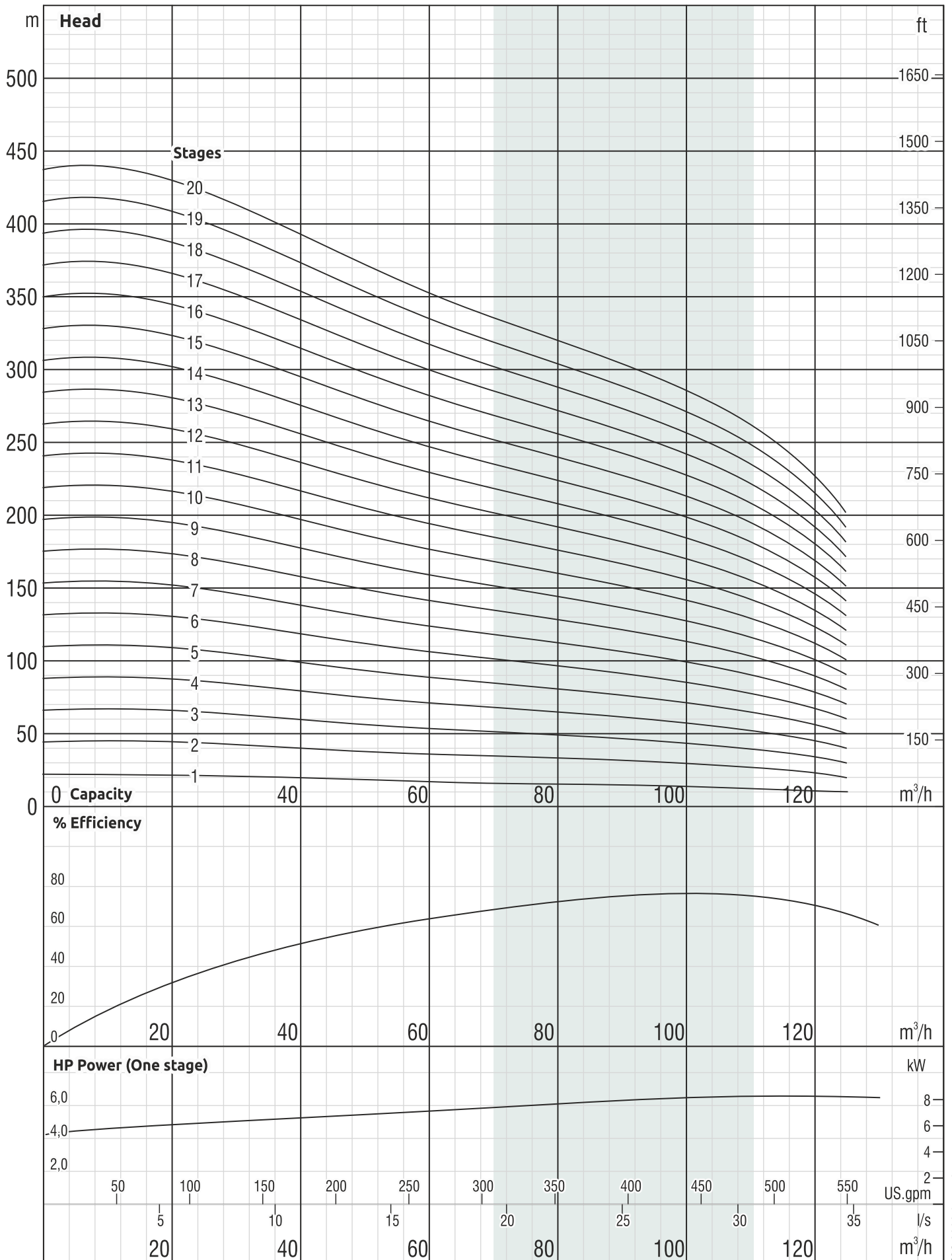
## Performance Data

Pump Code	Stage	Motor Power		m³/h	0	20	40	70	90	100	110	125
		HP	kW		I/s	0	5,6	11,1	19,4	25	27,8	30,6
SP 105-1	1	10	7,5	Head (m)	22	21	20	17	15	14	13	10
SP 105-2	2	15	11		44	43	38	33	30	27	26	20
SP 105-3	3	25	18,5		64	64	58	50	44	43	38	30
SP 105-4	4	30	22		86	85	77	66	61	56	52	40
SP 105-5	5	35	26,5		108	106	97	83	75	71	64	50
SP 105-6	6	50	37		131	128	116	100	91	84	77	61
SP 105-7	7	50	37		153	150	136	116	105	100	91	71
SP 105-8	8	60	45		174	171	156	133	121	113	103	81
SP 105-9	9	70	52		195	192	175	151	135	127	116	91
SP 105-10	10	75	55		217	213	195	166	152	142	130	101
SP 105-11	11	80	60		240	235	214	183	166	156	142	111
SP 105-12	12	90	67		261	256	234	201	181	171	155	121
SP 105-13	13	100	75		283	277	254	216	196	184	167	131
SP 105-14	14	100	75		304	300	273	233	211	197	181	140
SP 105-15	15	110	81		325	320	293	250	225	213	194	150
SP 105-16	16	125	92		346	342	312	266	241	226	206	160
SP 105-17	17	125	92		370	362	331	282	255	241	220	170
SP 105-18	18	150	110		392	385	351	301	272	255	233	181
SP 105-19	19	150	110		413	404	371	315	285	270	244	191
SP 105-20	20	150	110		433	425	391	332	301	283	259	201

## Dimensions and Weights

Pump Code	Dimensions (mm)					Weights (kg)		
	L	LM	LP	ΦM	ΦP	Pump	Motor	Total
SP 105-1	1366/1249	795/678	571	95/142	172	26	28.8/43.5	54.8/69.5
SP 105-2	1499	800	699	142	172	30	55	85
SP 105-3	1800	973	827	142	172	34	72	106
SP 105-4	1961/1795	1006/840	955	142/172	172	38	76/81	114/119
SP 105-5	2189/1973	1106/890	1083	142/172	172	42	87/86	129/128
SP 105-6	2458/2191/2267	1247/980/1056	1211	142/172/192	172	46	103/103/129	149/149/175
SP 105-7	2586/2319/2395	1247/980/1056	1339	142/172/192	172	50	103/103/129	153/153/179
SP 105-8	2814/2527/2583	1347/1060/1116	1467	142/172/192	172	54	110/113/138	164/167/192
SP 105-9	2734/2796	1139/1201	1595	172/192	172	58	127/152	185/210
SP 105-10	2941/3009	1218/1286	1723	172/192	172	62	138/170	200/232
SP 105-11	3101/3137	1250/1286	1851	172/192	172	66	149/170	215/236
SP 105-12	3261/3320	1282/1341	1979	172/192	172	70	160/185	230/255
SP 105-13	3473/3357	1366/1250	2107	192/231	172	74	186/200	260/274
SP 105-14	3601/3485	1366/1250	2235	192/231	172	78	186/200	264/278
SP 105-15	3754/3673	1391/1310	2363	192/231	172	82	195/228	277/310
SP 105-16	3962/3861	1471/1370	2491	192/231	172	86	210/256	296/342
SP 105-17	4090/3989	1471/1370	2619	192/231	172	90	210/256	300/346
SP 105-18	4348/4177	1601/1430	2747	192/231	172	94	235/284	329/378
SP 105-19	4476/4305	1601/1430	2875	192/231	172	98	235/284	333/382
SP 105-20	4604/4433	1601/1430	3003	192/231	172	102	235/284	337/386



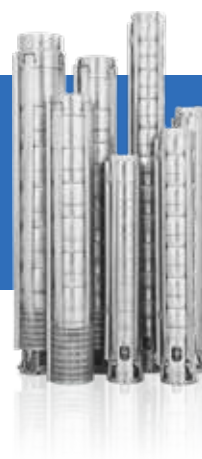


The hydraulic working characteristics have been taken with water at 15°C, at the atmospheric pressure of 1 bar and specific gravity is 1 gr/cm<sup>3</sup>  
 Due to continuous improvement in design we reserve the right to amend specifications or data without prior notice.

ISO 9906 Annex A

# SP 110 / 01 TO 20 STAGES

6 Vanes / 2900 Rpm (CCW) / 6" (inside threaded) Outlet Connection Diameter / 30,16 mm Shaft Diameter

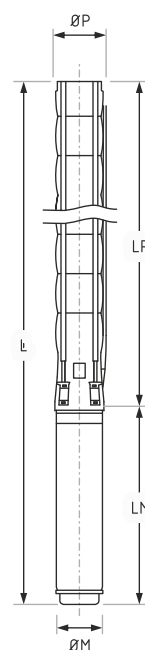


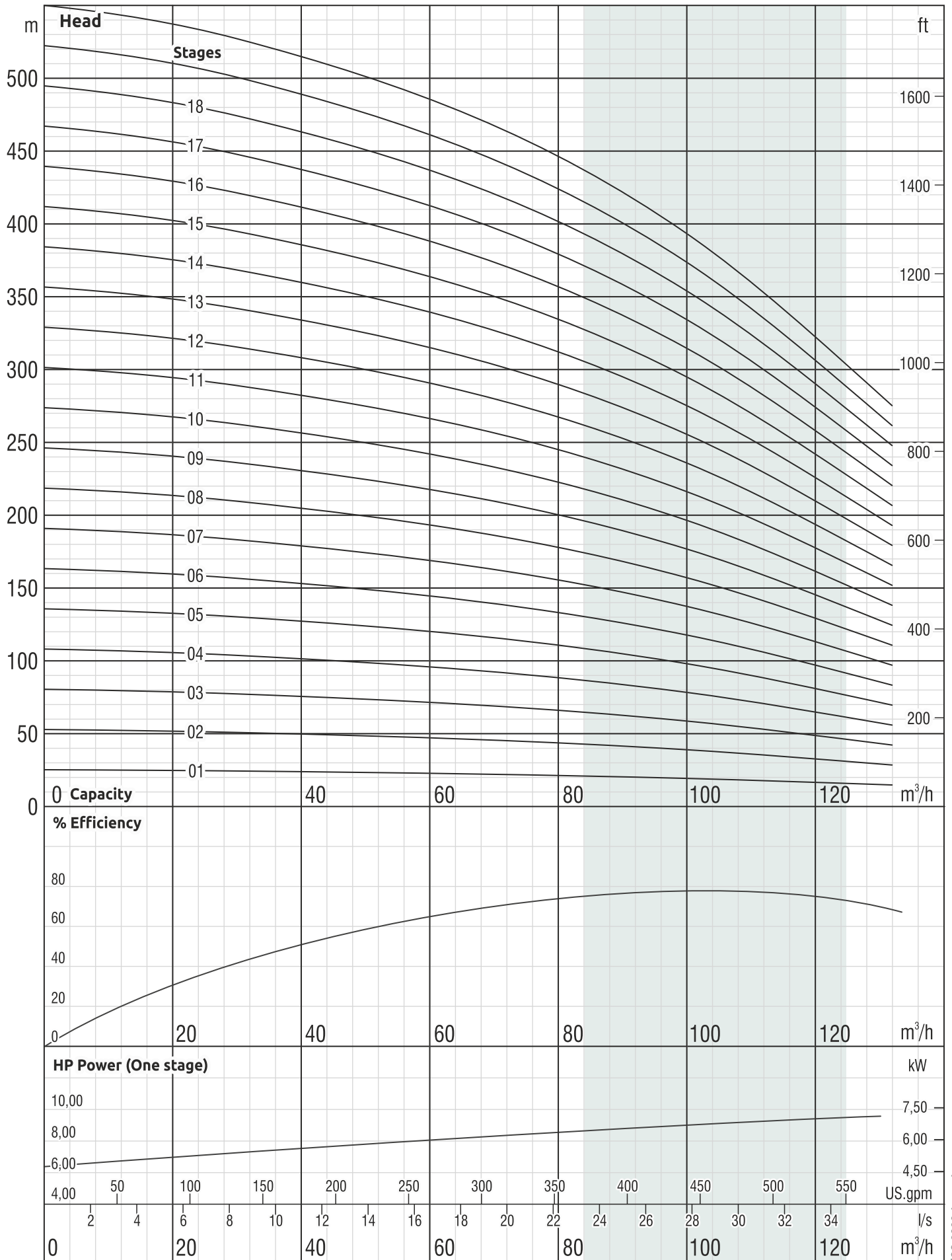
## Performance Data

Pump Code	Stage	Motor Power		m³/h	Head (m)								
		HP	kW		0	25	70	80	90	100	110	120	130
SP 110-1	1	10	7,5	27	27	22	22	21	20	19	16	14	
SP 110-2	2	20	15	55	53	45	43	42	40	36	33	29	
SP 110-3	3	30	22	82	80	68	65	63	60	55	50	43	
SP 110-4	4	40	30	110	106	90	86	83	78	73	66	56	
SP 110-5	5	50	37	138	133	112	110	104	99	91	82	71	
SP 110-6	6	60	45	165	160	135	130	125	117	108	98	85	
SP 110-7	7	70	52	192	188	158	152	147	139	129	116	100	
SP 110-8	8	80	60	220	213	180	175	168	159	147	131	115	
SP 110-9	9	90	67	246	240	202	195	187	176	163	147	127	
SP 110-10	10	100	75	280	273	231	223	214	203	188	170	148	
SP 110-11	11	110	81	302	292	246	237	227	216	200	181	155	
SP 110-12	12	125	92	331	320	270	261	250	237	221	198	170	
SP 110-13	13	125	92	356	346	292	282	271	255	236	213	184	
SP 110-14	14	150	110	385	374	316	305	292	277	256	230	201	
SP 110-15	15	150	110	412	400	338	327	314	296	274	247	214	
SP 110-16	16	175	129	437	426	360	346	332	314	292	262	226	
SP 110-17	17	175	129	468	454	382	370	355	336	310	281	241	
SP 110-18	18	175	129	495	480	406	391	376	356	330	297	257	
SP 110-19	19	200	147	521	506	426	412	395	373	345	312	270	
SP 110-20	20	200	147	547	532	450	434	416	393	363	327	283	

## Dimensions and Weights

Pump Code	Dimensions (mm)					Weights (kg)		
	L	LM	LP	ΦM	ΦP	Pump	Motor	Total
SP 110-1	1481/1364	795/678	686	95/142	213	32	28.8/43.5	60.8/75.5
SP 110-2	1753	911	842	142	213	38	65	103
SP 110-3	2003/1837	1006/840	997	142/172	213	45	76/81	121/126
SP 110-4	2370/2093/2149	1217/940/996	1153	142/172/192	213	51	98/91/120	149/142/171
SP 110-5	2556/2289/2365	1247/980/1056	1309	142/172/192	213	57	103/103/129	160/160/186
SP 110-6	2812/2525/2581	1347/1060/1116	1465	142/172/192	213	64	110/113/138	174/177/202
SP 110-7	2759/2821	1139/1201	1620	172/192	213	70	127/152	197/222
SP 110-8	3026/3062	1250/1286	1776	172/192	213	76	149/170	225/246
SP 110-9	3214/3273	1282/1341	1932	172/192	213	83	160/185	243/268
SP 110-10	3453/3337	1366/1250	2087	192/231	213	89	186/200	275/289
SP 110-11	3634/3553	1391/1310	2243	192/231	213	95	195/228	290/323
SP 110-12	3870/3769	1471/1370	2399	192/231	213	101	210/256	311/357
SP 110-13	4025/3924	1471/1370	2554	192/231	213	108	210/256	318/364
SP 110-14	4311/4140	1601/1430	2710	192/231	213	114	235/284	349/398
SP 110-15	4467/4296	1601/1430	2866	192/231	213	120	235/284	355/404
SP 110-16	4532	1510	3022	231	213	127	311	438
SP 110-17	4687	1510	3177	231	213	133	311	444
SP 110-18	4843	1510	3333	231	213	139	311	450
SP 110-19	5099	1610	3489	231	213	145	338	483
SP 110-20	5254	1610	3644	231	213	152	338	490





The hydraulic working characteristics have been taken with water at 15°C, at the atmospheric pressure of 1 bar and specific gravity is 1 gr/cm<sup>3</sup>. Due to continuous improvement in design we reserve the right to amend specifications or data without prior notice.

ISO 9906 Annex A

# SP 125 / 01 TO 13 STAGES

6 Vanes / 2900 Rpm (CCW) / 6" (inside threaded) Outlet Connection Diameter / 30,16 mm Shaft Diameter

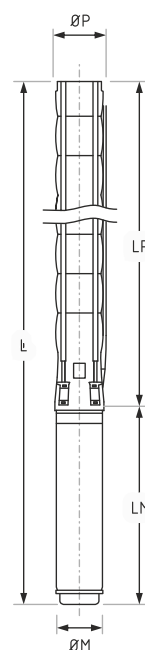


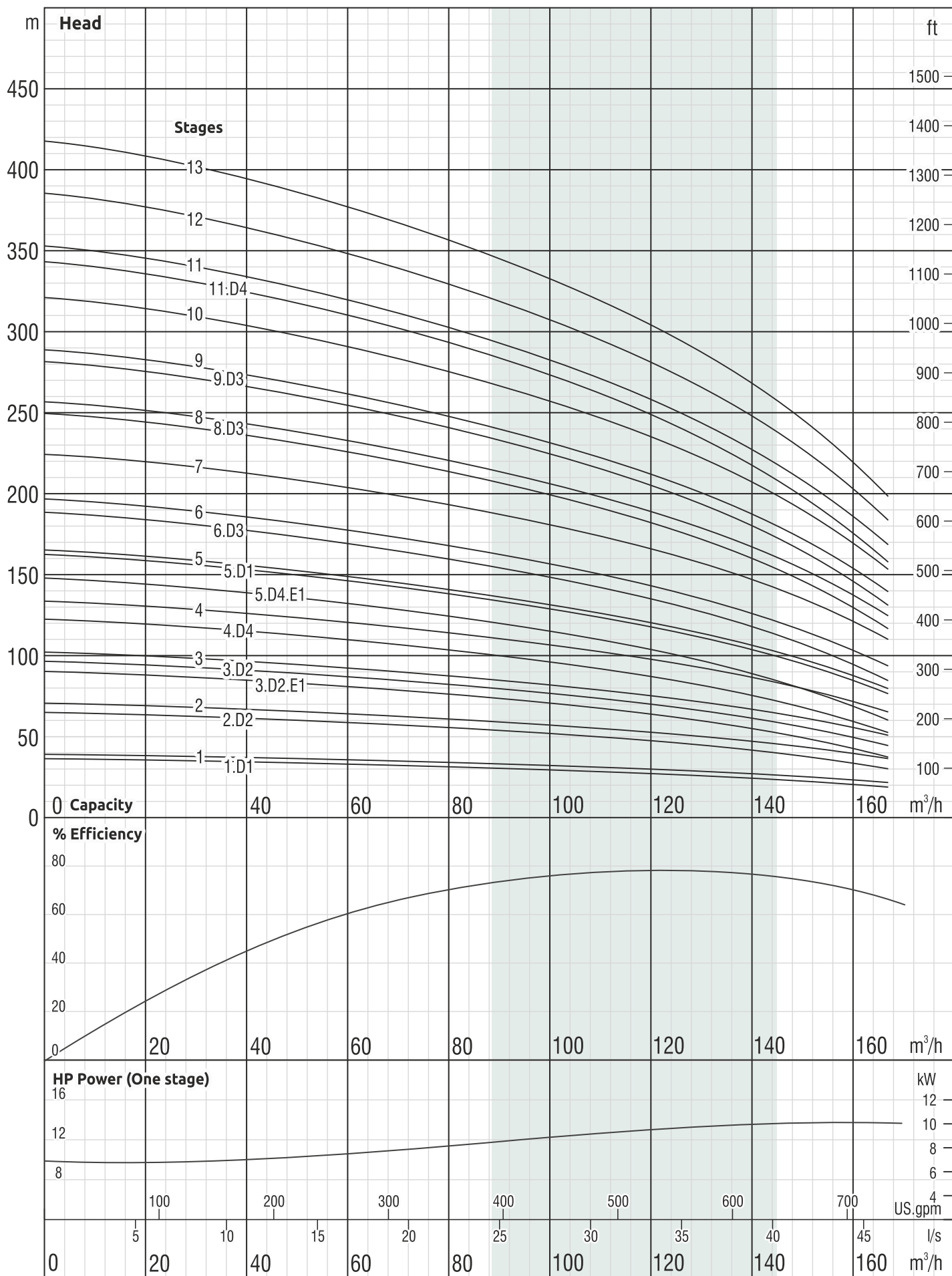
## Performance Data

Pump Code	Stage	Motor Power		m³/h	Head (m)							
		HP	kW		0	40	90	120	130	140	150	160
SP 125-1.D1	1	12,5	9,3	30	27	24	20	19	17	15	13	11
SP 125-1	1	15	11	32	30	26	23	22	20	17	16	14
SP 125-2.D2	2	25	18,5	60	54	46	41	37	34	31	26	21
SP 125-2	2	30	22	64	60	52	45	43	40	36	33	27
SP 125-3.D2.E1	3	35	26,5	84	78	66	56	53	47	42	35	29
SP 125-3.D2	3	40	30	91	84	73	63	58	54	48	43	35
SP 125-3	3	50	37	97	91	78	68	64	60	54	48	42
SP 125-4.D4	4	50	37	118	110	93	81	75	68	62	52	43
SP 125-4	4	60	45	127	121	104	92	85	80	72	64	55
SP 125-5.D4.E1	5	60	45	149	133	113	97	91	82	72	62	50
SP 125-5.D1	5	70	52	156	147	127	111	104	97	87	77	65
SP 125-5	5	75	55	160	151	131	114	106	100	91	81	70
SP 125-6.D3	6	80	60	183	172	147	130	121	111	101	87	73
SP 125-6	6	90	67	192	180	155	136	130	120	110	96	84
SP 125/07	7	100	75	226	210	182	160	150	140	126	113	98
SP 125-8.D3	8	110	81	247	233	202	175	164	152	136	121	102
SP 125-8	8	125	92	258	240	209	182	171	160	143	129	111
SP 125-9.D31	9	125	92	281	263	227	200	186	172	156	137	118
SP 125-9	9	150	110	287	271	233	204	192	180	163	143	124
SP 125-10	10	150	110	321	301	261	229	213	200	181	161	137
SP 125-11.D4	11	150	110	344	321	275	241	225	210	190	165	142
SP 125-11	11	175	129	352	331	285	251	235	220	200	175	152
SP 125-12	12	175	129	387	361	313	273	255	240	219	193	169
SP 125-13	13	200	147	419	391	340	295	280	260	235	210	181

## Dimensions and Weights

Pump Code	Dimensions (mm)					Weights (kg)		
	L	LM	LP	ΦM	ΦP	Pump	Motor	Total
SP 125-1.D1	1444	758	686	142	213	32	50	82
SP 125-1	1486	800	686	142	213	32	55	87
SP 125-2.D2	1815	973	842	142	213	39	72	111
SP 125-2	1848/1682	1006/840	842	142/172	213	39	76/81	115/120
SP 125-3.D2.E1	2103/1887	1106/890	997	142/172	213	45	87/86	132/131
SP 125-3.D2	2214/1937/1993	1217/940/996	997	142/172/192	213	45	98/91/120	143/136/165
SP 125-3	2244/1977/2053	1247/980/1056	997	142/172/192	213	45	103/103/129	148/148/174
SP 125-4.D4	2400/2133/2209	1247/980/1056	1153	142/172/192	213	52	103/103/129	155/155/181
SP 125-4	2500/2213/2269	1347/1060/1116	1153	142/172/192	213	52	110/113/138	162/165/190
SP 125-5.D4.E1	2656/2369/2425	1347/1060/1116	1309	142/172/192	213	58	110/113/138	168/171/196
SP 125-5.D1	2448/2510	1139/1201	1309	172/192	213	58	127/152	185/210
SP 125-5	2527/2595	1218/1286	1309	172/192	213	58	138/170	196/228
SP 125-6.D3	2715/2751	1250/1286	1465	172/192	213	65	149/170	214/235
SP 125-6	2747/2806	1282/1341	1465	172/192	213	65	160/185	225/250
SP 125/07	2986/2870	1366/1250	1620	192/231	213	71	186/200	257/271
SP 125-8.D3	3167/3086	1391/1310	1776	192/231	213	78	195/228	273/306
SP 125-8	3247/3146	1471/1370	1776	192/231	213	78	210/256	288/334
SP 125-9.D31	3403/3302	1471/1370	1932	192/231	213	84	210/256	294/340
SP 125-9	3533/3362	1601/1430	1932	192/231	213	84	235/284	319/368
SP 125-10	3688/3517	1601/1430	2087	192/231	213	91	235/284	326/375
SP 125-11.D4	3844/3673	1601/1430	2243	192/231	213	97	235/284	332/381
SP 125-11	3753	1510	2243	231	213	97	311	408
SP 125-12	3909	1510	2399	231	213	104	311	415
SP 125-13	4164	1610	2554	231	213	110	338	448



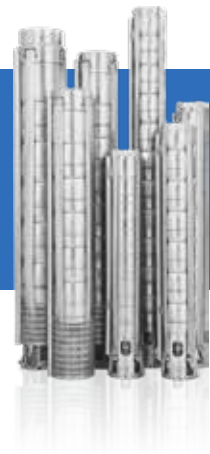


The hydraulic working characteristics have been taken with water at 15°C, at the atmospheric pressure of 1 bar and specific gravity is 1 gr/cm<sup>3</sup>  
 Due to continuous improvement in design we reserve the right to amend specifications or data without prior notice.

ISO 9906 Annex A

# SP 160 / 01 TO 07 STAGES

6 Vanes / 2900 Rpm (CCW) / 6" (inside threaded) Outlet Connection Diameter / 30,16 mm Shaft Diameter

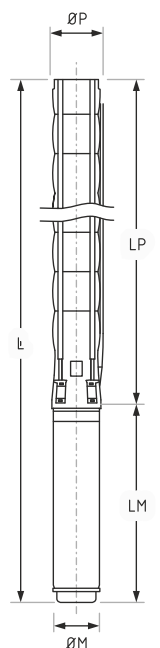


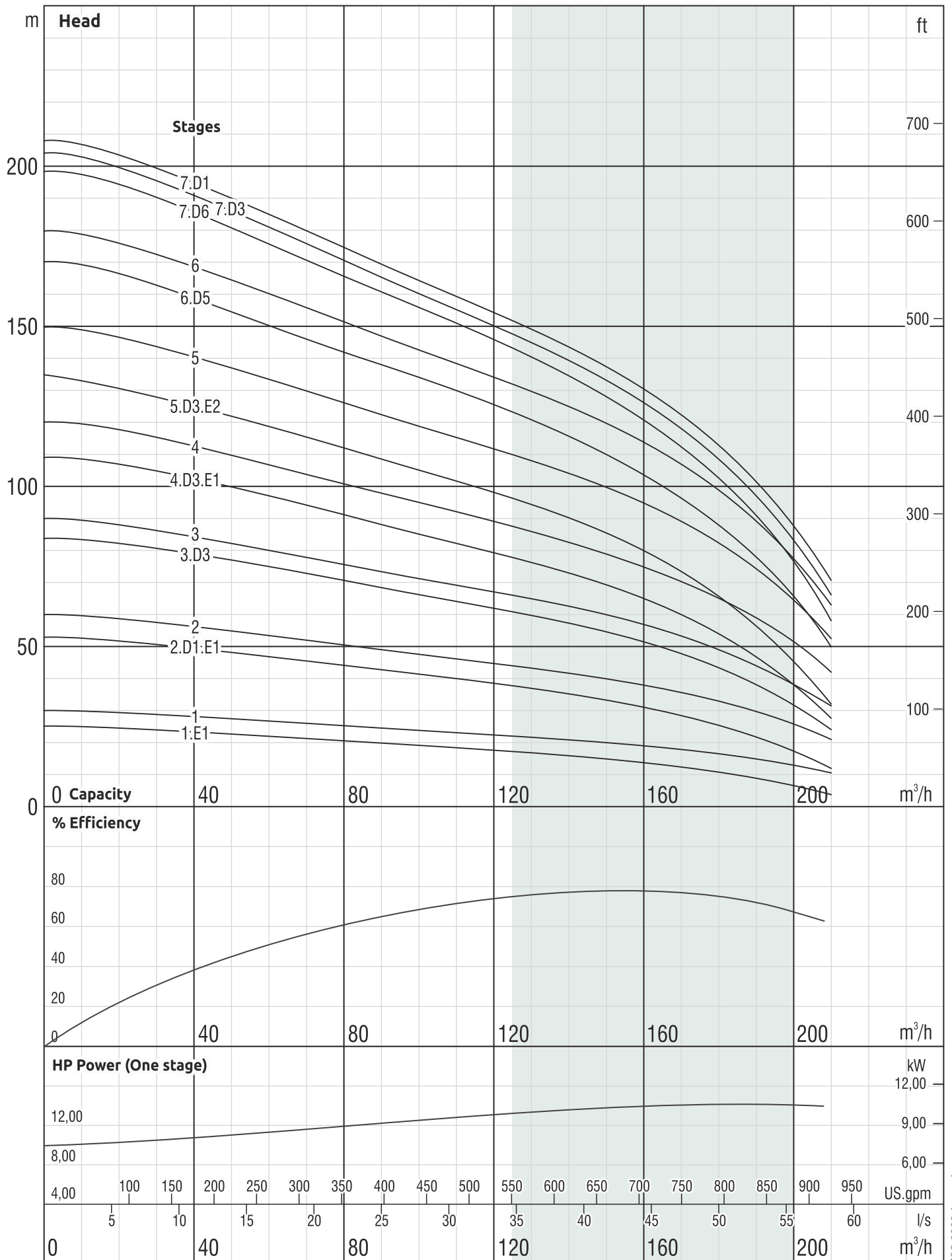
## Performance Data

Pump Code	Stage	Motor Power		m³/h	0	80	100	120	140	160	180	200
		HP	kW									
SP 160-1.E1	1	12,5	9,3	Head (m)	25	21	19	18	16	14	11	7
SP 160-1	1	15	11		29	25	24	22	21	18	16	13
SP 160-2.D1.E1	2	25	18,5		52	44	41	38	34	31	24	16
SP 160-2	2	30	22		59	50	46	44	41	37	33	25
SP 160-3.D3	3	40	30		85	70	65	62	56	51	43	32
SP 160-3	3	50	37		91	75	71	66	62	56	48	38
SP 160-4.D3.E1	4	50	37		112	91	84	80	73	64	53	38
SP 160-4	4	60	45		121	101	94	88	82	74	64	52
SP 160-5.D3.D2	5	60	45		135	112	104	97	90	80	64	45
SP 160-5	5	75	55		149	125	118	111	103	93	81	64
SP 160-6.D5	6	80	60		169	141	133	124	115	103	86	65
SP 160-6	6	90	67		181	151	141	133	123	112	96	76
SP 160-7.D6	7	90	67		198	165	154	145	134	121	101	76
SP 160-7.D3	7	100	75		205	170	160	150	140	124	106	83
SP 160-7.D1	7	100	75	209	174	163	153	142	130	111	87	

## Dimensions and Weights

Pump Code	Dimensions (mm)					Weights (kg)		
	L	LM	LP	ΦM	ΦP	Pump	Motor	Total
SP 160-1.E1	1444	758	686	142	226	34	50	84
SP 160-1	1486	800	686	142	226	34	55	89
SP 160-2.D1.E1	1815	973	842	142	226	40	72	112
SP 160-2	1848/1682	1006/840	842	142/172	226	40	76/81	116/121
SP 160-3.D3	2214/1937/1993	1217/940/996	997	142/172/192	226	47	98/91/120	145/138/167
SP 160-3	2244/1977/2053	1247/980/1056	997	142/172/192	226	47	103/103/129	150/150/176
SP 160-4.D3.E1	2400/2133/2209	1247/980/1056	1153	142/172/192	226	53	103/103/129	156/156/182
SP 160-4	2500/2213/2269	1347/1060/1116	1153	142/172/192	226	53	110/113/138	163/166/191
SP 160-5.D3.D2	2656/2369/2425	1347/1060/1116	1309	142/172/192	226	60	110/113/138	170/173/198
SP 160-5	2527/2595	1218/1286	1309	172/192	226	60	138/170	198/230
SP 160-6.D5	2715/2751	1250/1286	1465	172/192	226	66	149/170	215/236
SP 160-6	2747/2806	1282/1341	1465	172/192	226	66	160/185	226/251
SP 160-7.D6	2902/2961	1282/1341	1620	172/192	226	73	160/185	233/258
SP 160-7.D3	2986/2870	1366/1250	1620	192/231	226	73	186/200	259/273
SP 160-7.D1	2986/2870	1366/1250	1620	192/231	226	73	186/200	259/273



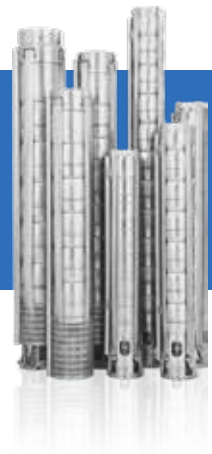


The hydraulic working characteristics have been taken with water at 15°C, at the atmospheric pressure of 1 bar and specific gravity is 1 gr/cm<sup>3</sup>  
 Due to continuous improvement in design we reserve the right to amend specifications or data without prior notice.

ISO 9906 Annex A

# SP 160 / 07 TO 16 STAGES

6 Vanes / 2900 Rpm (CCW) / 6" (inside threaded) Outlet Connection Diameter / 30,16 mm Shaft Diameter

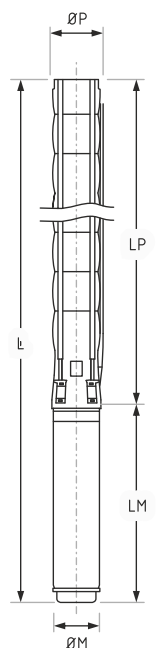


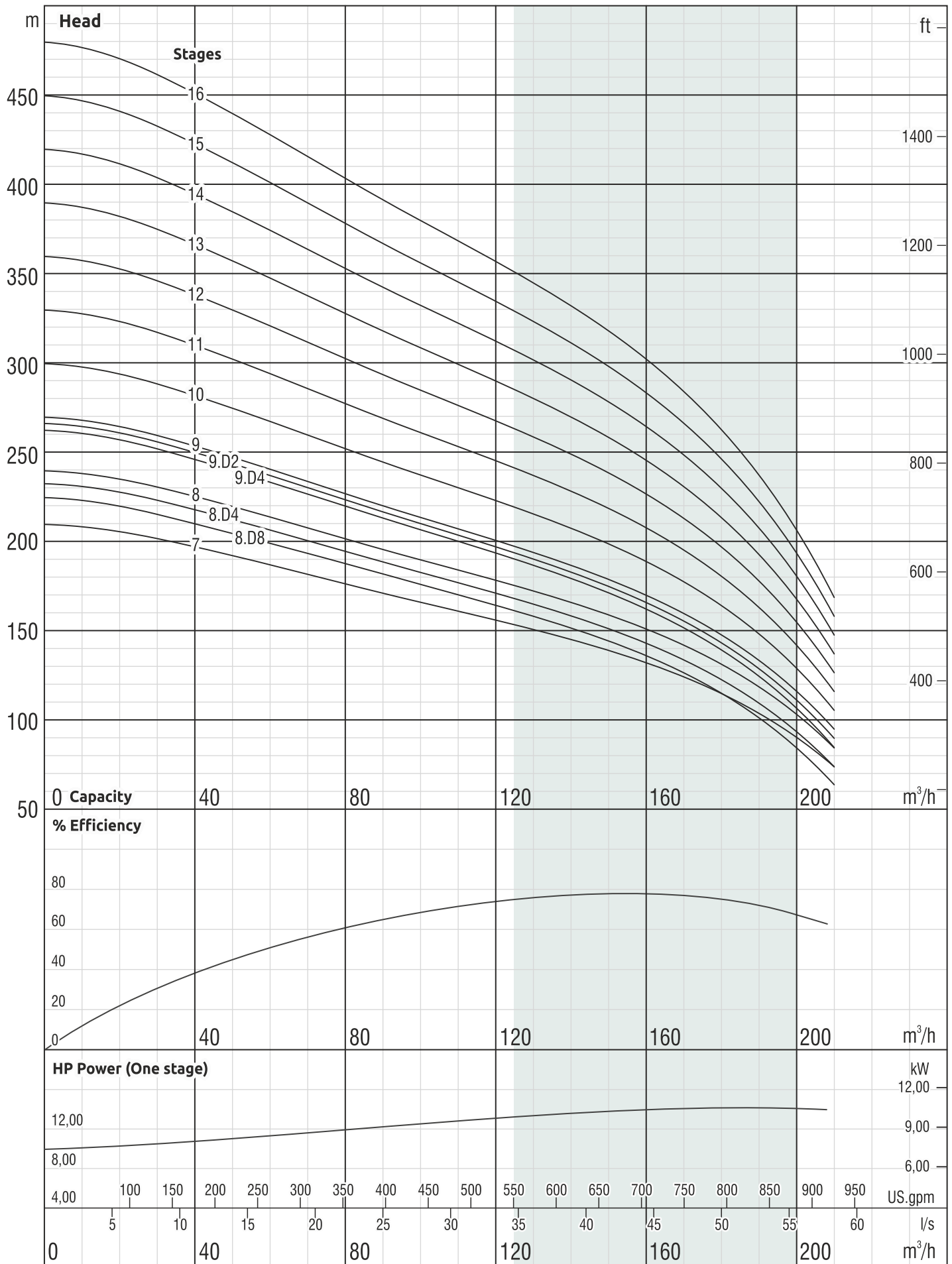
## Performance Data

Pump Code	Stage	Motor Power		m <sup>3</sup> /h l/s	0	80	100	120	140	160	180	200
		HP	kW		0	22,2	27,8	33,3	38,9	44,4	50	55,6
SP 160-7	7	110	81	Head (m)	210	176	261	155	144	132	104	91
SP 160-8.D8	8	110	81		226	188	285	166	152	137	100	93
SP 160-8.D4	8	110	81		232	194	306	171	157	142	108	84
SP 160-8	8	125	92		240	203	333	181	168	151	120	103
SP 160-9.D4	9	125	92		263	220	358	195	180	163	140	107
SP 160-9.D2	9	135	100		264	222	164	195	182	164	142	110
SP 160-9	9	150	110		270	229	178	200	189	170	148	117
SP 160-10	10	150	110		300	251	182	222	205	185	162	128
SP 160-11	11	175	129		329	279	190	247	231	209	182	143
SP 160-12	12	200	147		360	302	204	265	246	224	193	155
SP 160-13	13	200	147		392	331	210	290	270	247	213	167
SP 160-14	14	225	166		423	352	212	311	290	263	225	181
SP 160-15	15	250	185		454	375	235	333	311	282	243	193
SP 160-16	16	250	185		484	402	376	354	331	301	260	210

## Dimensions and Weights

Pump Code	Dimensions (mm)					Weights (kg)		
	L	LM	LP	ΦM	ΦP	Pump	Motor	Total
SP 160-7	3011/2930	1391/1310	1620	192/231	226	73	195/228	268/301
SP 160-8.D8	3167/3086	1391/1310	1776	192/231	226	79	195/228	274/307
SP 160-8.D4	3167/3086	1391/1310	1776	192/231	226	79	195/228	274/307
SP 160-8	3247/3146	1471/1370	1776	192/231	226	79	210/256	289/335
SP 160-9.D4	3403/3302	1471/1370	1932	192/231	226	86	210/256	296/342
SP 160-9.D2	3468	1536	1932	192	226	86	225	311
SP 160-9	3533/3362	1601/1430	1932	192/231	226	86	235/284	321/370
SP 160-10	3688/3517	1601/1430	2087	192/231	226	92	235/284	327/376
SP 160-11	3753	1510	2243	231	226	99	311	410
SP 160-12	4009	1610	2399	231	226	105	338	443
SP 160-13	4164	1610	2554	231	226	112	338	450
SP 160-14	4450	1740	2710	231	226	118	370	488
SP 160-15	4686	1820	2866	231	226	124	400	524
SP 160-16	4842	1820	3022	231	226	131	400	531



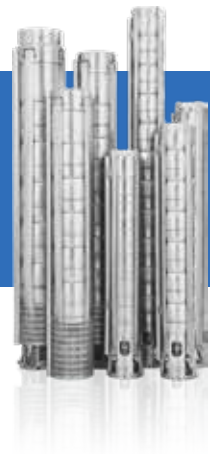


ISO 9906 Annex A

The hydraulic working characteristics have been taken with water at 15°C, at the atmospheric pressure of 1 bar and specific gravity is 1 gr/cm³  
 Due to continuous improvement in design we reserve the right to amend specifications or data without prior notice.

# SP 210 / 01 TO 12 STAGES

6 Vanes / 2900 Rpm (CCW) / 6" (inside threaded) Outlet Connection Diameter / 42,86 mm Shaft Diameter

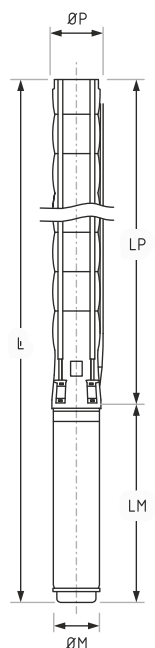


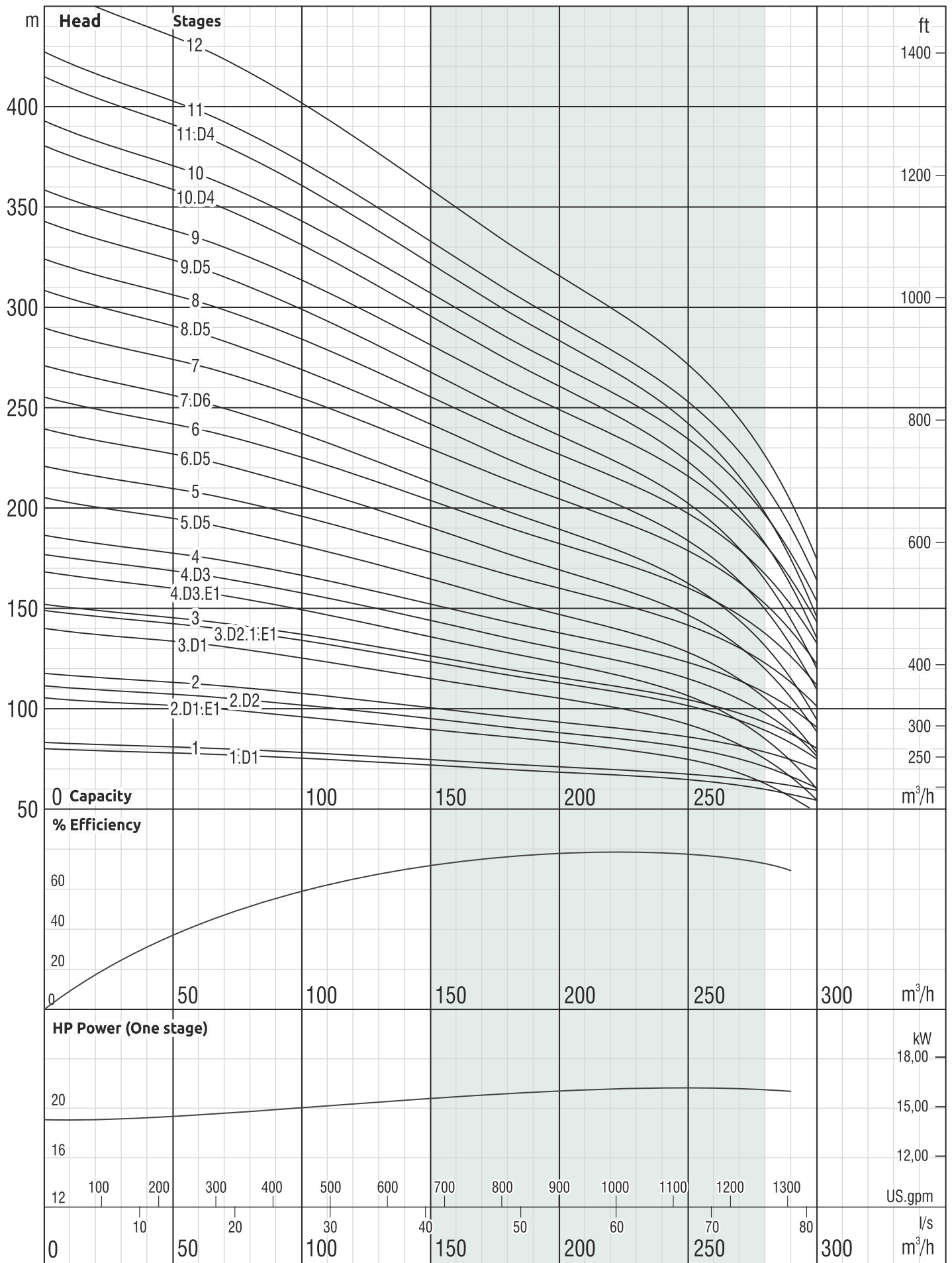
## Performance Data

Pump Code	Stage	Motor Power		m³/h	Head (m)											
		HP	kW		0	100	140	180	200	220	240	260	290			
SP 210-1.D1	1	20	15	Head (m)	35	30	27	24	22	21	20	16	10			
SP 210-1	1	25	18,5		40	33	30	26	25	23	22	20	14			
SP 210-2.D1.E1	2	40	30		64	53	48	42	40	36	32	26	19			
SP 210-2.D2	2	40	30		70	58	53	46	44	41	37	33	20			
SP 210-2	2	50	37		78	67	60	53	50	48	44	40	30			
SP 210-3.D2.1.E1	3	60	45		102	85	76	67	63	58	53	44	18			
SP 210-31.D1	3	70	52		112	97	87	78	72	69	62	57	40			
SP 210-3	3	75	55		117	100	90	80	76	70	66	60	43			
SP 210-4.D3.E1	4	80	60		133	113	101	88	83	76	70	57	27			
SP 210-4.D3	4	90	67		150	128	116	103	97	91	84	75	50			
SP 210-4	4	100	75		155	133	121	106	101	94	86	80	56			
SP 210-5.D5	5	110	81		177	151	134	120	111	104	95	82	51			
SP 210-5	5	125	92	192	164	147	132	124	116	107	96	72				
SP 210-6.D5	6	135	100	215	182	164	145	137	128	117	102	65				
SP 210-6	6	150	110	232	200	181	161	150	141	131	120	87				
SP 210-7.D6	7	150	110	247	211	187	166	156	146	134	116	73				
SP 210-7	7	175	129	270	231	210	186	176	165	154	140	101				
SP 210-8.D5	8	175	129	291	250	222	198	186	175	160	141	94				
SP 210-8	8	200	150	307	263	236	212	200	186	173	156	114				
SP 210-9.D5	9	200	150	330	281	252	223	210	196	182	161	106				
SP 210-9	9	225	166	348	298	270	240	226	211	197	178	130				
SP 210-10.D4	10	225	166	372	316	284	252	236	222	205	183	125				
SP 210-10	10	250	185	388	330	301	267	250	237	221	199	145				
SP 210-11.D4	11	250	185	411	350	317	280	264	249	231	204	140				
SP 210-11	11	300	220	423	362	325	291	273	255	240	214	155				
SP 210-12	12	300	220	464	398	359	321	300	283	263	238	174				

## Dimensions and Weights

Pump Code	Dimensions (mm)					Weights (kg)		
	L	LM	LP	ΦM	ΦP	Pump	Motor	Total
SP 210-1.D1	1705	911	794	142	247	44	65	109
SP 210-1	1767	973	794	142	247	44	72	116
SP 210-2.D1.E1	2187/1910/1966	1217/940/996	970	142/172/192	247	55	98/91/120	153/146/175
SP 210-2.D2	2187/1910/1966	1217/940/996	970	142/172/192	247	55	98/91/120	153/146/175
SP 210-2	2217/1950/2026	1247/980/1056	970	142/172/192	247	55	103/103/129	158/158/184
	2494/2207/2263	1347/1060/1116	1147	142/172/192	247	66	110/113/138	176/179/204
SP 210-31.D1	2286/2348	1139/1201	1147	172/192	247	66	127/152	193/218
SP 210-3	2365/2433	1218/1286	1147	172/192	247	66	138/170	204/236
SP 210-4.D3.E1	2573/2609	1250/1286	1323	172/192	247	76	149/170	225/246
SP 210-4.D3	2605/2664	1282/1341	1323	172/192	247	76	160/185	236/261
SP 210-4	2689/2573	1366/1250	1323	192/231	247	76	186/200	262/276
SP 210-5.D5	2890/2809	1391/1310	1499	192/231	247	87	195/228	282/315
SP 210-5	2970/2869	1471/1370	1499	192/231	247	87	210/256	297/343
SP 210-6.D5	3211	1536	1675	192	247	98	225	323
SP 210-6	3276/3105	1601/1430	1675	192/231	247	98	235/284	333/382
SP 210-7.D6	3452/3281	1601/1430	1851	192/231	247	109	235/284	344/393
SP 210-7	3361	1510	1851	231	247	109	311	420
SP 210-8.D5	3538	1510	2028	231	247	119	311	430
SP 210-8	3638	1610	2028	231	247	119	338	457
SP 210-9.D5	3814	1610	2204	231	247	130	338	468
SP 210-9	3944	1740	2204	231	247	130	370	500
SP 210-10.D4	4120	1740	2380	231	247	141	370	511
SP 210-10	4200	1820	2380	231	247	141	400	541
SP 210-11.D4	4376	1820	2556	231	247	152	400	552
SP 210-11	4376	1820	2556	231	247	152	405	557
SP 210-12	4552	1820	2732	231	247	162	405	567





The hydraulic working characteristics have been taken with water at 15°C, at the atmospheric pressure of 1 bar and specific gravity is 1 gr/cm³  
 Due to continuous improvement in design we reserve the right to amend specifications or data without prior notice.

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