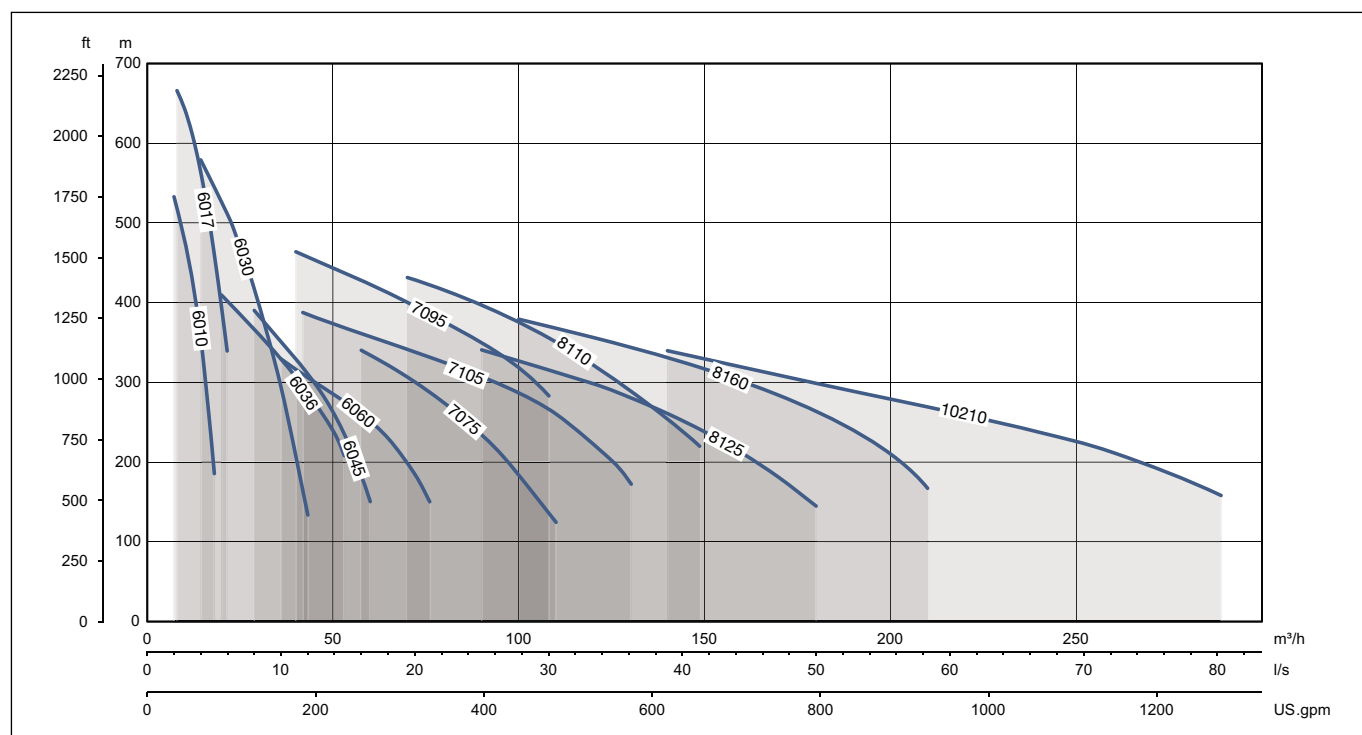


BSP SS - Stainless steel submersible pumps

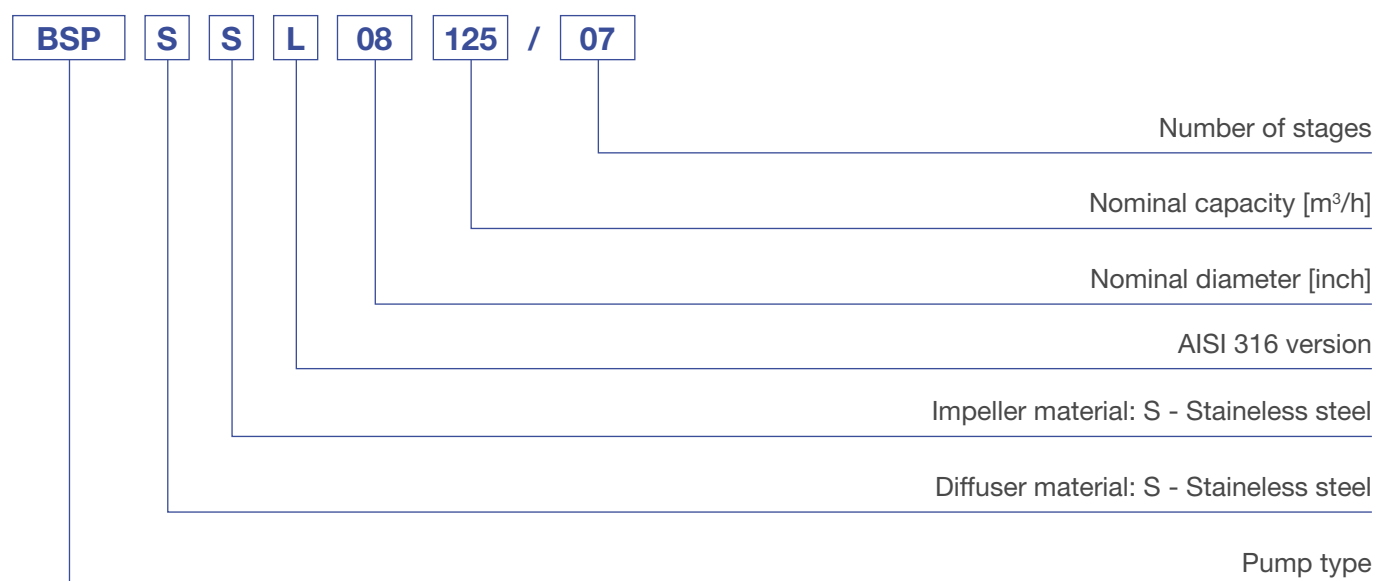
Databook 50Hz



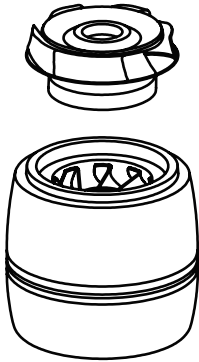
Performance Range



Type key

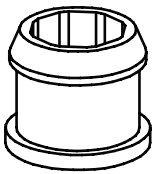


General information



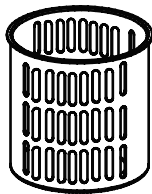
Stainless steel construction

Diffusers, impellers, suction case, discharge case provide maximum strength, durability, wear and tear resistance are in stainless steel



Sandproof bearings

Rubber bearings are water lubricated and have sand channels to make enable the sand particles leave the pump with the pumped liquid.



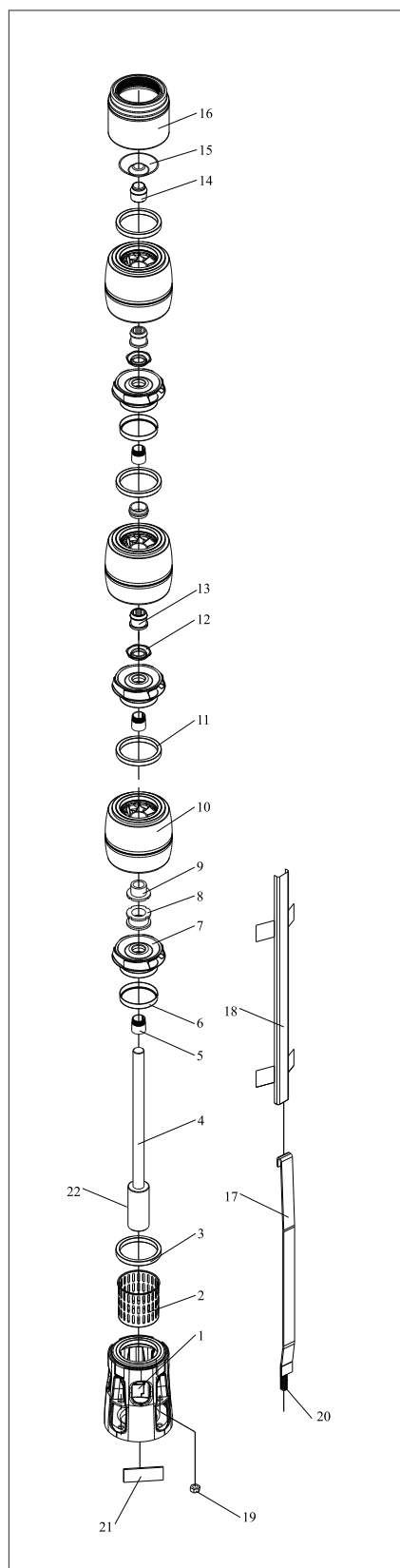
Strainer protection

The stainless steel strainer prevents particles over a certain size from entering the pump.

Main features

- Long life
- High efficiency
- High durability and solid construction
- Easy service operation
- Suitable connection in NEMA standards
- Water lubricated rubber bearing
- Built-in checkvalve to prevent back flow

Sectional view

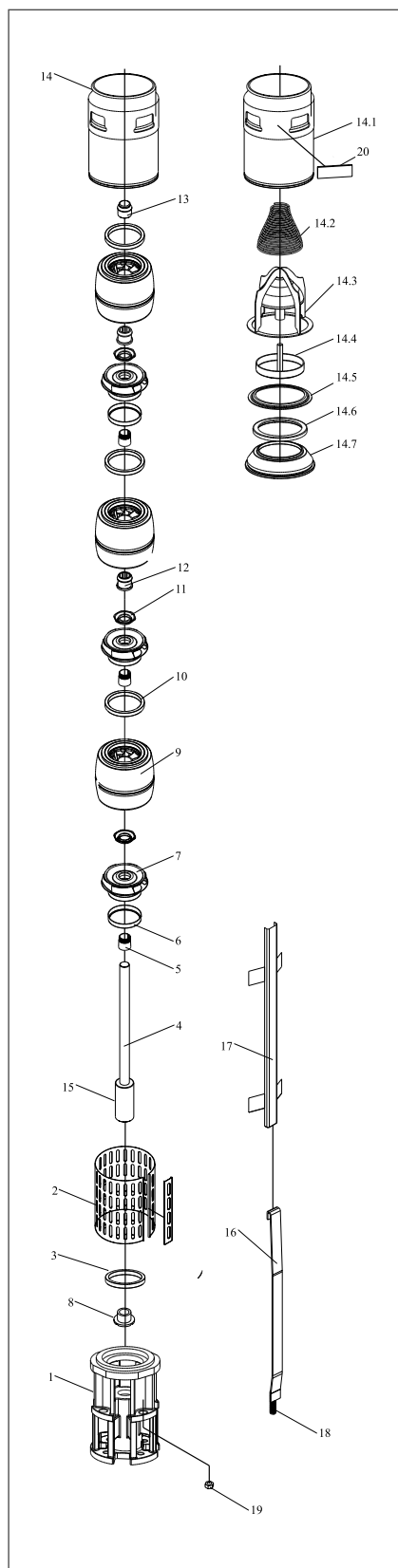
10...60 m³/h


N°	Part name	Material
1	Suction Case	Stainless Steel (AISI 304L)
2	Strainer	Stainless Steel (AISI 304L)
3	Suction Case Wear Ring	Bronze (ASTM B145-4A)*AISI 304+EPDM
4	Pump Shaft	Stainless Steel (AISI 431)
5	Collet	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	EPDM
12	Nut For Collet	Stainless Steel (AISI 304L)
13	Rubber Bearing	EPDM
14	Upper Bearing	Bronze (ASTM B145-4A)
15	Valve Cup	Stainless Steel (AISI 304L)
16	Discharge Case	Stainless Steel (AISI 304L)
17	Tie Rod	Stainless Steel (AISI 304L)
18	Cable Guard	Stainless Steel (AISI 304L)
19	Tie Rod Nut	Stainless Steel (AISI 304)
20	Tie Rod Stud	Stainless Steel (AISI 316)
21	Name Plate	Stainless Steel (AISI 304L)
22	Coupling	Stainless Steel (AISI 431)

* Only used for series BSP SS 06010/06017/06030

Sectional view

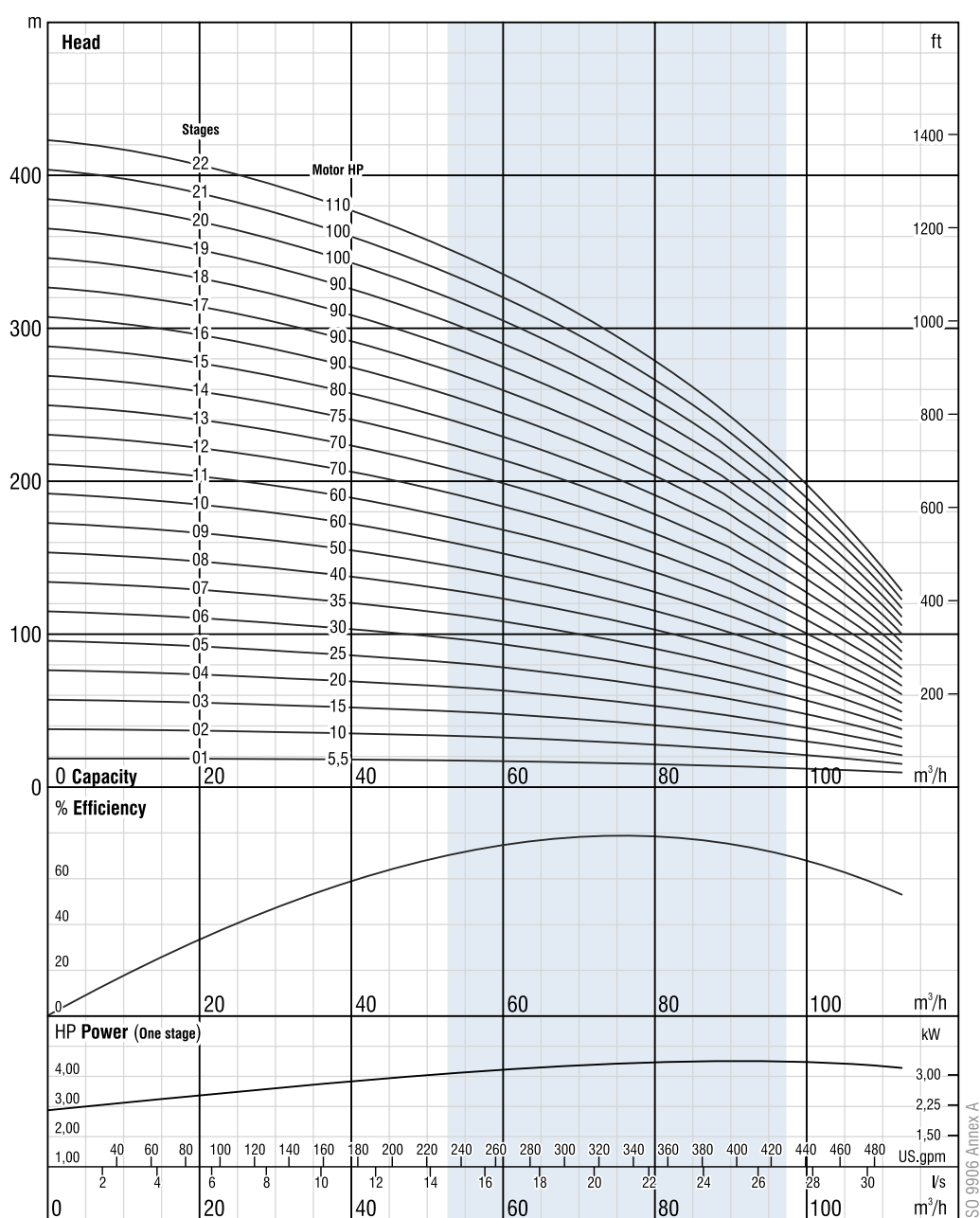
75...215 m³/h



N°	Part name	Material
1	Suction Case	Stainless Steel (AISI 304L)
2	Strainer	Stainless Steel (AISI 304L)
3	Suction Case Wear Ring	EPDM
4	Pump Shaft	Stainless Steel (AISI 431)
5	Collet	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	EPDM
11	Nut for Collet	Stainless Steel (AISI 304L)
12	Rubber Bearing	EPDM
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	Upper Valve Cup Seat Retainer	Stainless Steel (AISI 304L)
14.6	Valve Cup Seat	EPDM
14.7	Lower Valve Cup Seat Retainer	Stainless Steel (AISI 304L)
15	Coupling	Stainless Steel (AISI 431)
16	Tie Rod	Stainless Steel (AISI 304L)
17	Cable Guard	Stainless Steel (AISI 304L)
18	Tie Rod Stud	Stainless Steel (AISI 316)
19	Tie Rod Nut	Stainless Steel (AISI 304L)
20	Name Plate	Stainless Steel (AISI 304L)

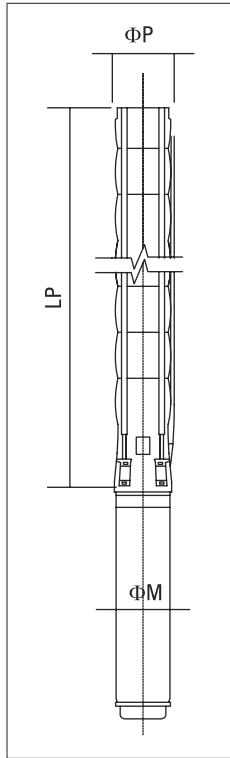
7" BSP SS 07075 01-22

Performance curves



7" BSP SS 07075 01-22

Technical specifications



Dimensions

Model	Stages	kW	HP	LP [mm]	ΦM [mm]	ΦP [inch]	Pump weight [kg]
BSP SS 07075/01	1	4	5,5	571	(95)/142	7"	26
BSP SS 07075/02	2	7,5	10	699	(95)/142	7"	30
BSP SS 07075/03	3	11	15	827	142	7"	34
BSP SS 07075/04	4	15	20	955	142	7"	38
BSP SS 07075/05	5	18,5	25	1083	142	7"	42
BSP SS 07075/06	6	22	30	1211	142	7"	46
BSP SS 07075/07	7	26,5	35	1339	142	7"	50
BSP SS 07075/08	8	30	40	1467	142/(192)	7"	54
BSP SS 07075/09	9	37	50	1595	142/(192)	7"	58
BSP SS 07075/10	10	37	50	1723	142/(192)	7"	62
BSP SS 07075/11	11	45	60	1851	142/(192)	7"	66
BSP SS 07075/12	12	45	60	1979	142/(192)	7"	70
BSP SS 07075/13	13	52	70	2107	192	7"	74
BSP SS 07075/14	14	52	70	2235	192	7"	78
BSP SS 07075/15	15	55	75	2363	192	7"	82
BSP SS 07075/16	16	60	80	2491	192	7"	86
BSP SS 07075/17	17	67	90	2619	192	7"	89
BSP SS 07075/18	18	67	90	2747	192	7"	93
BSP SS 07075/19	19	67	90	2875	192	7"	97
BSP SS 07075/20	20	75	100	3003	192	7"	101
BSP SS 07075/21	21	75	100	3131	192	7"	105
BSP SS 07075/22	22	81	110	3259	192/(231)	7"	109

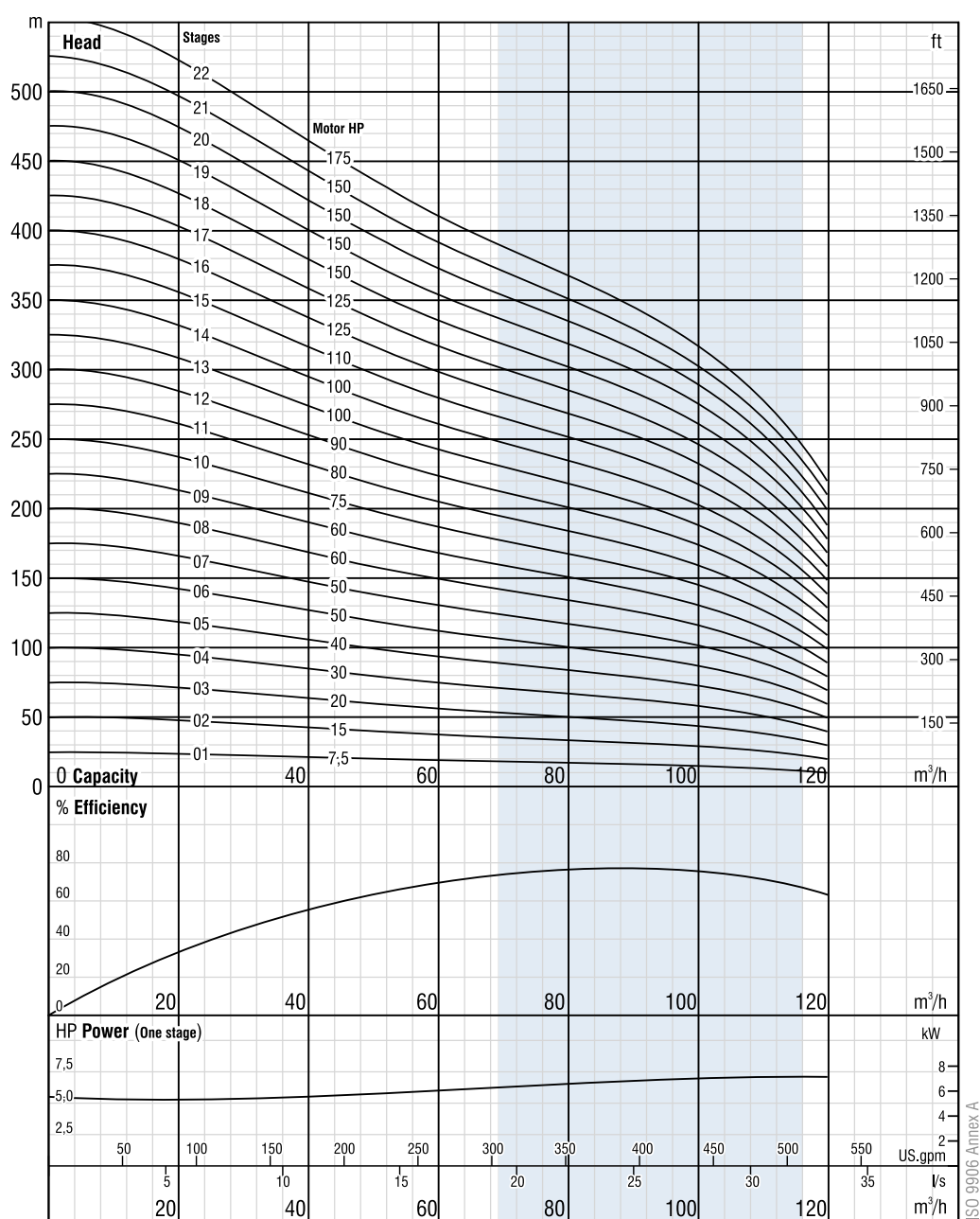
() available on request

Performance chart

Model	Stages	kW	HP	Q=Flow rate								
				m³/h	0	20	57,6	64,8	72	79,2	86,4	96
				l/s	0	5,5	16	18	20	22	24	26,7
H=Total head [m]												
BSP SS 07075/01	1	4	5,5		19	19	15	15	14	13	11	9
BSP SS 07075/02	2	7,5	10		38	37	31	29	27	25	23	19
BSP SS 07075/03	3	11	15		58	56	46	44	41	38	34	28
BSP SS 07075/04	4	15	20		77	74	62	58	55	50	45	37
BSP SS 07075/05	5	18,5	25		96	93	77	73	68	63	57	47
BSP SS 07075/06	6	22	30		115	111	93	88	82	75	68	56
BSP SS 07075/07	7	26,5	35		135	130	108	102	96	88	79	66
BSP SS 07075/08	8	30	40		154	149	124	117	109	101	91	75
BSP SS 07075/09	9	37	50		173	167	139	132	123	113	102	84
BSP SS 07075/10	10	37	50		192	186	155	146	137	126	113	94
BSP SS 07075/11	11	45	60		211	204	170	161	150	138	125	103
BSP SS 07075/12	12	45	60		231	223	186	175	164	151	136	112
BSP SS 07075/13	13	52	70		250	241	201	190	178	164	147	122
BSP SS 07075/14	14	52	70		269	260	217	205	191	176	159	131
BSP SS 07075/15	15	55	75		288	279	232	219	205	189	170	140
BSP SS 07075/16	16	60	80		307	297	247	234	219	201	181	150
BSP SS 07075/17	17	67	90		327	316	263	249	232	214	193	159
BSP SS 07075/18	18	67	90		346	334	278	263	246	226	204	169
BSP SS 07075/19	19	67	90		365	353	294	278	260	239	215	178
BSP SS 07075/20	20	75	100		384	371	309	292	273	252	227	187
BSP SS 07075/21	21	75	100		404	390	325	307	287	264	238	197
BSP SS 07075/22	22	81	110		423	409	340	322	301	277	249	206

7" BSP SS 07095 01-22

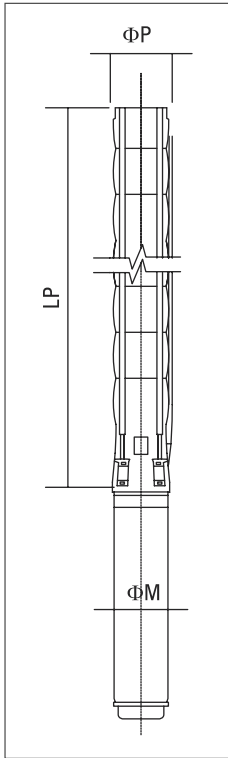
Performance curves



Due to continuous improvement in design we reserve the right to amend specifications or data without prior notice.

7" BSP SS 07095 01-22

Technical specifications



Dimensions

Model	Stages	kW	HP	LP [mm]	ΦM [mm]	ΦP [inch]	Pump weight [kg]
BSP SS 07095/01	1	5,5	7,5	571	(95)/142	7"	26
BSP SS 07095/02	2	11	15	699	142	7"	30
BSP SS 07095/03	3	15	20	827	142	7"	34
BSP SS 07095/04	4	22	30	955	142	7"	38
BSP SS 07095/05	5	30	40	1083	142/(192)	7"	42
BSP SS 07095/06	6	37	50	1211	142/(192)	7"	46
BSP SS 07095/07	7	37	50	1339	142/(192)	7"	50
BSP SS 07095/08	8	45	60	1467	142/(192)	7"	54
BSP SS 07095/09	9	52	60	1595	142/(192)	7"	58
BSP SS 07095/10	10	55	75	1723	192	7"	62
BSP SS 07095/11	11	60	80	1851	192	7"	66
BSP SS 07095/12	12	67	90	1979	192	7"	70
BSP SS 07095/13	13	75	100	2107	192	7"	74
BSP SS 07095/14	14	75	100	2235	192	7"	78
BSP SS 07095/15	15	81	110	2363	192/(231)	7"	82
BSP SS 07095/16	16	92	125	2491	192/(231)	7"	86
BSP SS 07095/17	17	92	125	2619	192/(231)	7"	90
BSP SS 07095/18	18	110	150	2747	192/(231)	7"	94
BSP SS 07095/19	19	110	150	2875	192/(231)	7"	98
BSP SS 07095/20	20	110	150	3003	192/(231)	7"	102
BSP SS 07095/21	21	110	150	3131	192/(231)	7"	106
BSP SS 07095/22	22	129	175	3259	231	7"	110

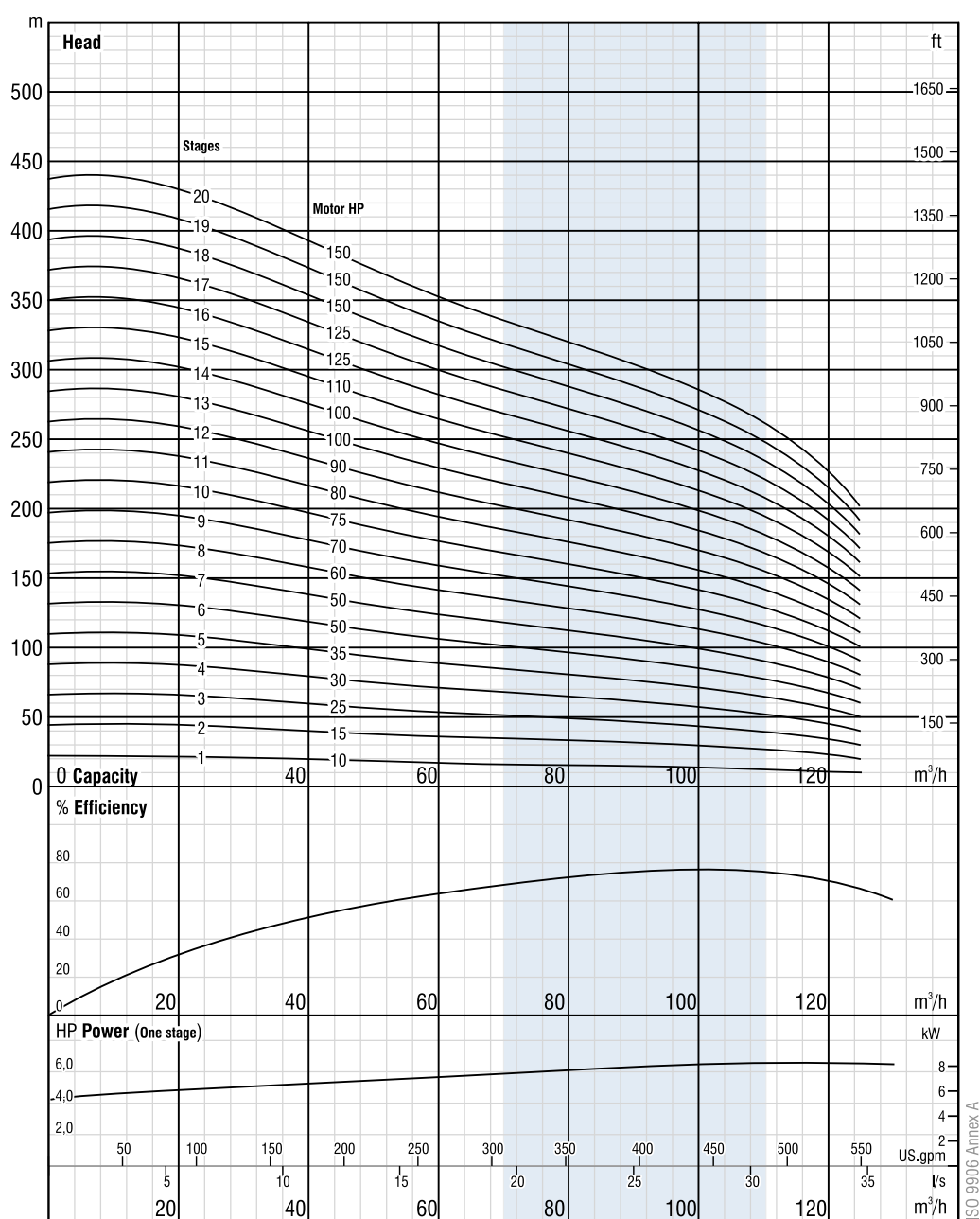
() available on request

Performance chart

Model	Stages	kW	HP	Q=Flow rate									
				m³/h	0	20	40	60	70	80	90	100	110
				l/s	0	5,6	11,1	16,7	19,4	22,2	25	27,8	30,6
				H=Total head [m]									
BSP SS 07095/01	1	5,5	7,5		25	24	21	19	18	17	16	15	13
BSP SS 07095/02	2	11	15		50	47	42	37	35	34	32	29	25
BSP SS 07095/03	3	15	20		75	71	63	56	53	51	48	44	38
BSP SS 07095/04	4	22	30		100	95	84	75	71	67	64	58	51
BSP SS 07095/05	5	30	40		125	119	105	93	89	84	79	73	63
BSP SS 07095/06	6	37	50		150	142	126	112	106	101	95	88	76
BSP SS 07095/07	7	37	50		175	166	148	131	124	118	111	102	89
BSP SS 07095/08	8	45	60		200	190	169	149	142	135	127	117	101
BSP SS 07095/09	9	52	60		225	214	190	168	159	152	143	131	114
BSP SS 07095/10	10	55	75		250	237	211	187	177	168	159	146	127
BSP SS 07095/11	11	60	80		275	261	232	205	195	185	175	161	139
BSP SS 07095/12	12	67	90		300	285	253	224	213	202	191	175	152
BSP SS 07095/13	13	75	100		325	309	274	243	230	219	206	190	165
BSP SS 07095/14	14	75	100		350	332	295	261	248	236	222	204	177
BSP SS 07095/15	15	81	110		375	356	316	280	266	253	238	219	190
BSP SS 07095/16	16	92	125		400	380	337	299	283	269	254	234	203
BSP SS 07095/17	17	92	125		425	404	358	317	301	286	270	248	215
BSP SS 07095/18	18	110	150		450	427	379	336	319	303	286	263	228
BSP SS 07095/19	19	110	150		475	451	401	355	337	320	302	277	241
BSP SS 07095/20	20	110	150		500	475	422	373	354	337	318	292	253
BSP SS 07095/21	21	110	150		525	499	443	392	372	354	333	307	266
BSP SS 07095/22	22	129	175		550	522	464	411	390	370	349	321	279

7" BSP SS 07105 01-20

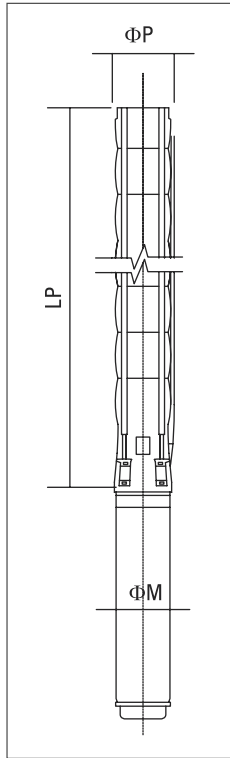
Performance curves



Due to continuous improvement in design we reserve the right to amend specifications or data without prior notice.

7" BSP SS 07105 01-20

Technical specifications



Dimensions

Model	Stages	kW	HP	LP [mm]	ΦM [mm]	ΦP [inch]	Pump weight [kg]
BSP SS 07105/01	1	7,5	10	571	(95)/142	7"	26
BSP SS 07105/02	2	11	15	699	142	7"	30
BSP SS 07105/03	3	18,5	25	827	142	7"	34
BSP SS 07105/04	4	22	30	955	142	7"	38
BSP SS 07105/05	5	26,5	35	1083	142	7"	42
BSP SS 07105/06	6	37	50	1211	142/(192)	7"	46
BSP SS 07105/07	7	37	50	1339	142/(192)	7"	50
BSP SS 07105/08	8	45	60	1467	142/(192)	7"	54
BSP SS 07105/09	9	52	70	1595	192	7"	58
BSP SS 07105/10	10	55	75	1723	192	7"	62
BSP SS 07105/11	11	60	80	1851	192	7"	66
BSP SS 07105/12	12	67	90	1979	192	7"	70
BSP SS 07105/13	13	75	100	2107	192	7"	74
BSP SS 07105/14	14	75	100	2235	192	7"	78
BSP SS 07105/15	15	81	110	2363	192/(231)	7"	82
BSP SS 07105/16	16	92	125	2491	192/(231)	7"	86
BSP SS 07105/17	17	92	125	2619	192/(231)	7"	90
BSP SS 07105/18	18	110	150	2747	192/(231)	7"	94
BSP SS 07105/19	19	110	150	2875	192/(231)	7"	98
BSP SS 07105/20	20	110	150	3003	192/(231)	7"	102

() available on request

Performance chart

Model	Stages	kW	HP	Q=Flow rate								
				m³/h	0	20	40	70	90	100	110	125
				l/s	0	5,6	11,1	19,4	25	27,8	30,6	34,7
H=Total head [m]												
BSP SS 07105/01	1	7,5	10		22	21	20	17	15	14	13	10
BSP SS 07105/02	2	11	15		44	43	39	33	30	28	26	20
BSP SS 07105/03	3	18,5	25		65	64	59	50	45	43	39	30
BSP SS 07105/04	4	22	30		87	86	78	67	61	57	52	40
BSP SS 07105/05	5	26,5	35		109	107	98	84	76	71	65	50
BSP SS 07105/06	6	37	50		131	129	117	100	91	85	78	61
BSP SS 07105/07	7	37	50		153	150	137	117	106	100	91	71
BSP SS 07105/08	8	45	60		175	171	157	134	121	114	104	81
BSP SS 07105/09	9	52	70		196	193	176	151	136	128	117	91
BSP SS 07105/10	10	55	75		218	214	196	167	152	142	130	101
BSP SS 07105/11	11	60	80		240	236	215	184	167	157	143	111
BSP SS 07105/12	12	67	90		262	257	235	201	182	171	156	121
BSP SS 07105/13	13	75	100		284	279	255	217	197	185	169	131
BSP SS 07105/14	14	75	100		305	300	274	234	212	199	182	141
BSP SS 07105/15	15	81	110		327	321	294	251	227	214	195	151
BSP SS 07105/16	16	92	125		349	343	313	268	242	228	208	161
BSP SS 07105/17	17	92	125		371	364	333	284	258	242	221	171
BSP SS 07105/18	18	110	150		393	386	352	301	273	256	234	182
BSP SS 07105/19	19	110	150		415	407	372	318	288	271	247	192
BSP SS 07105/20	20	110	150		436	429	392	334	303	285	260	202