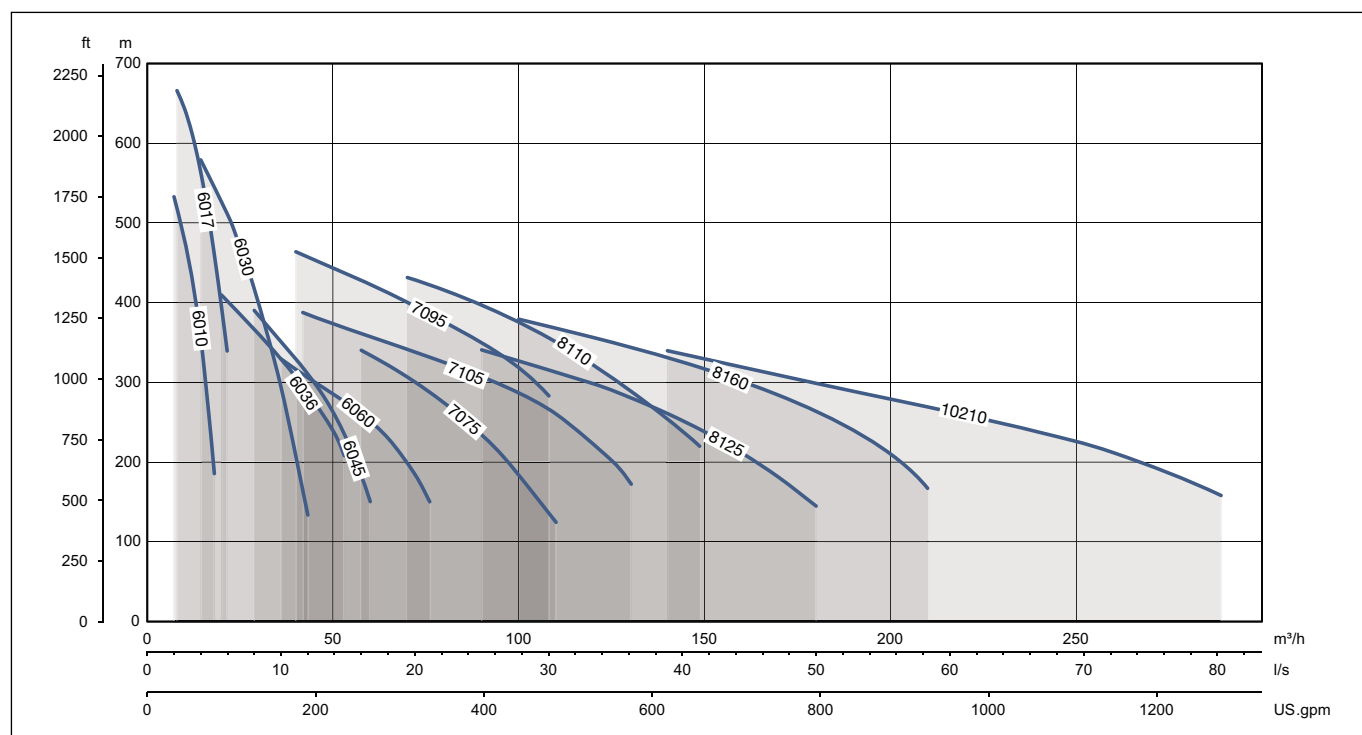


BSP SS - Stainless steel submersible pumps

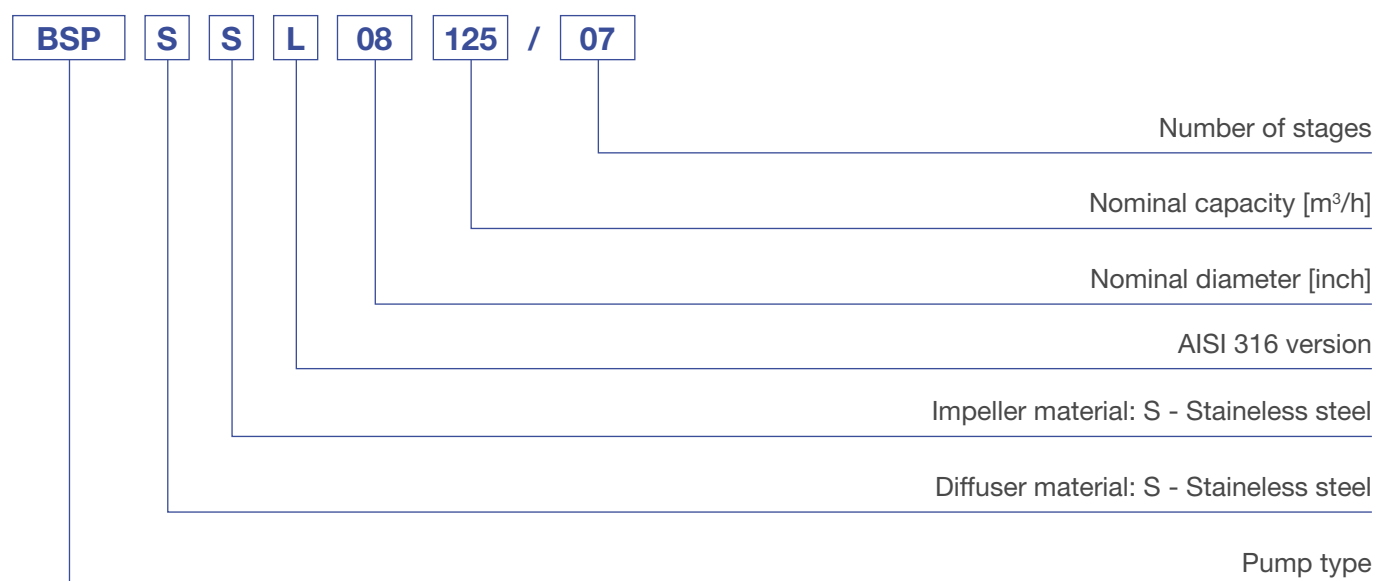
Databook 50Hz



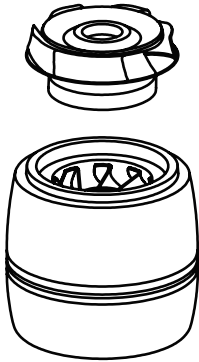
Performance Range



Type key

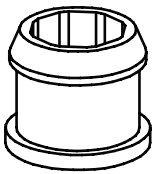


General information



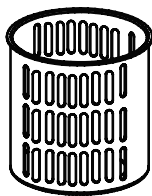
Stainless steel construction

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.



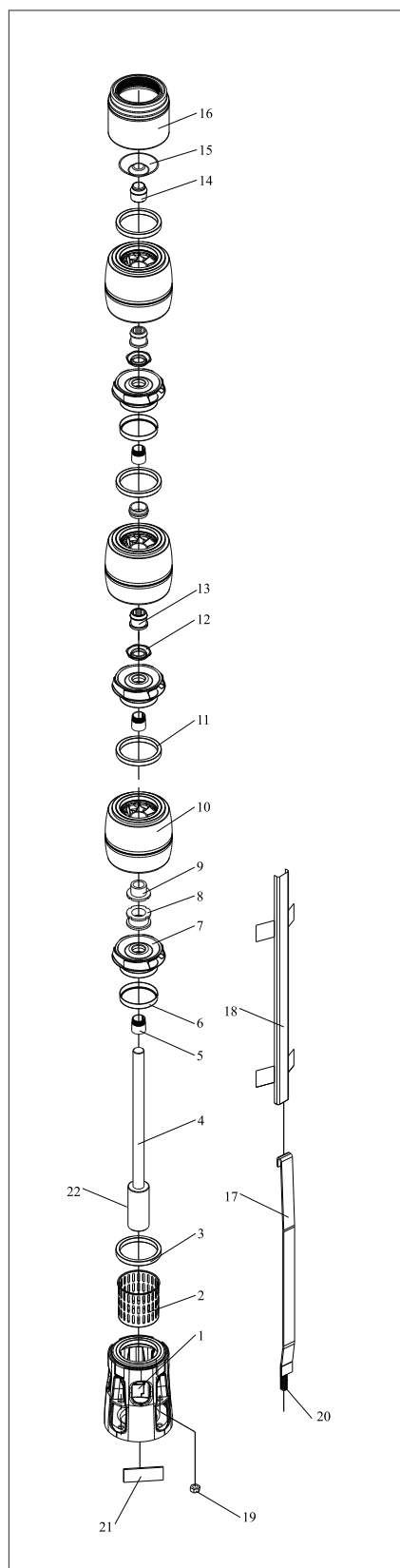
Strainer protection

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

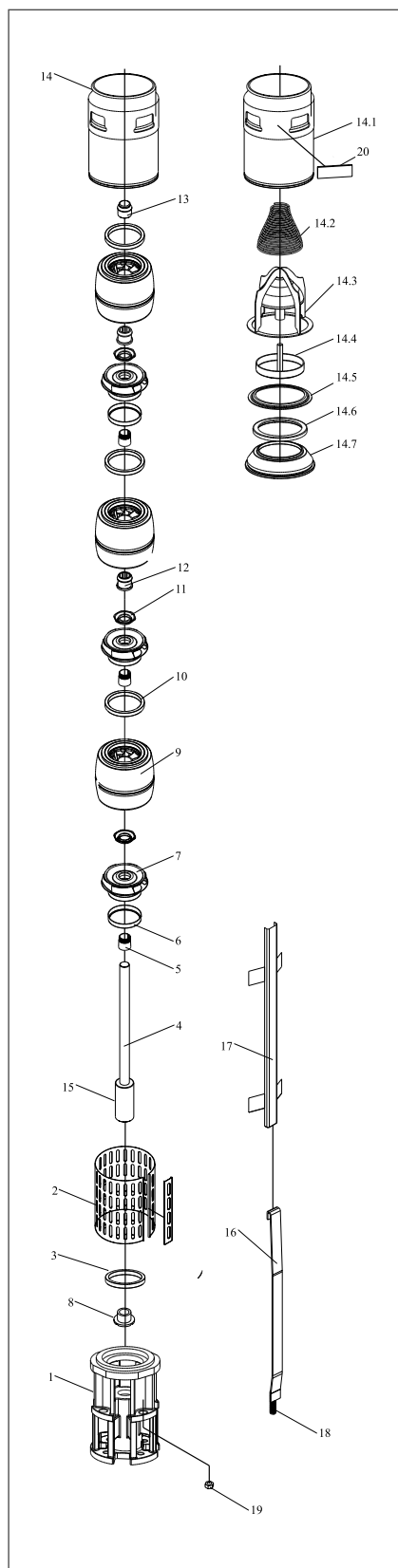
10...60 m³/h


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

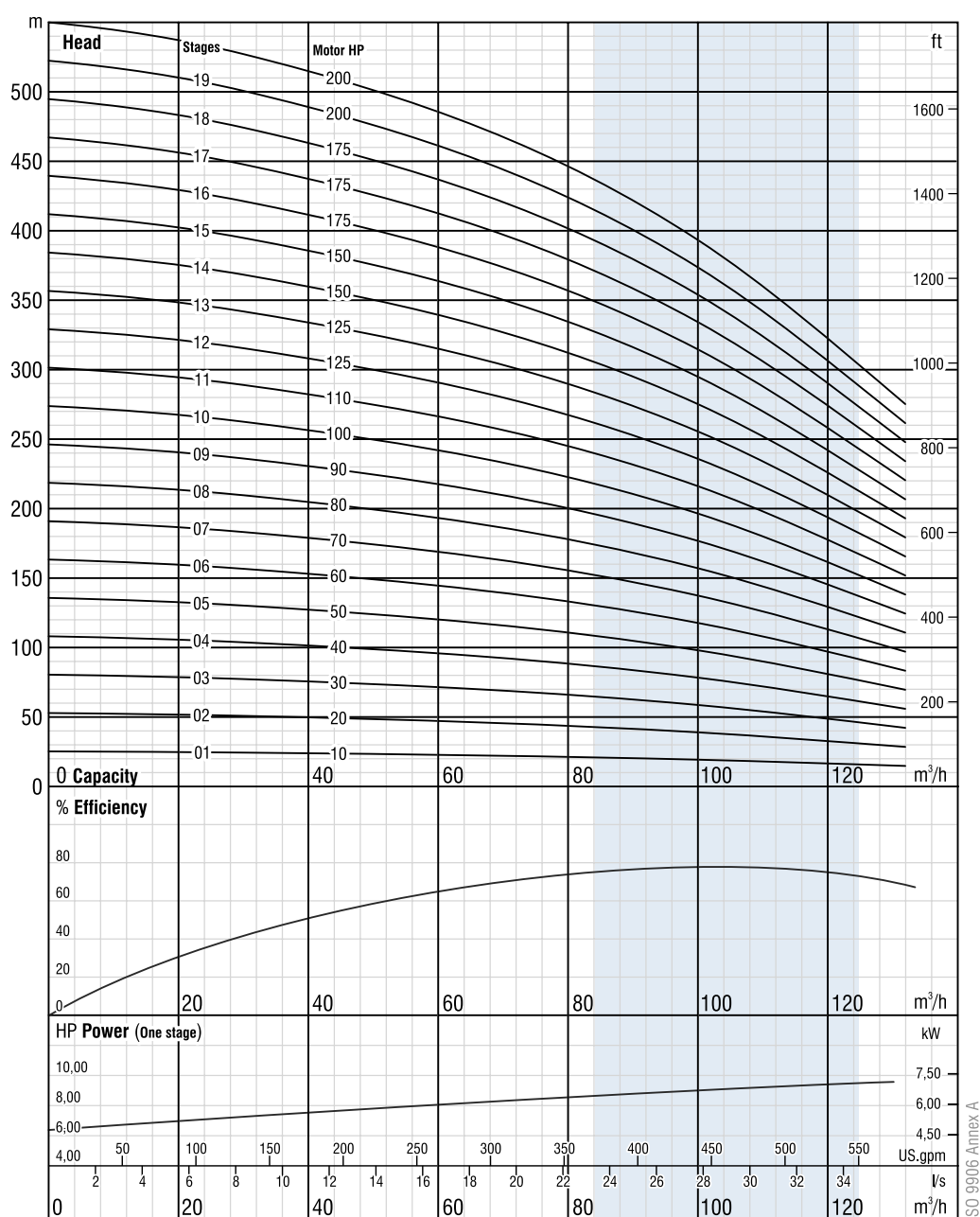
75...215 m³/h



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)

8" BSP SS 08110 01-20

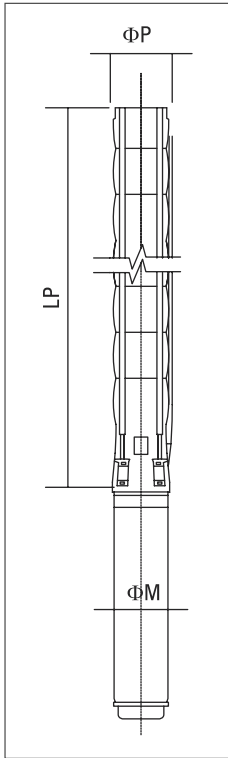
Performance curves



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

8" BSP SS 08110 01-20

Technical specifications



Dimensions

Model	Stages	kW	HP	LP [mm]	ΦM [mm]	ΦP [inch]	Pump weight [kg]
BSP SS 08110/01	1	7,5	10	686	(95)/142	8"	32
BSP SS 08110/02	2	15	20	842	142	8"	38
BSP SS 08110/03	3	22	30	997	142	8"	45
BSP SS 08110/04	4	30	40	1153	(142)/192	8"	51
BSP SS 08110/05	5	37	50	1309	(142)/192	8"	57
BSP SS 08110/06	6	45	60	1465	(142)/192	8"	64
BSP SS 08110/07	7	52	70	1620	192	8"	70
BSP SS 08110/08	8	60	80	1776	192	8"	76
BSP SS 08110/09	9	67	90	1932	192	8"	83
BSP SS 08110/10	10	75	100	2087	192	8"	89
BSP SS 08110/11	11	81	110	2243	192/(231)	8"	95
BSP SS 08110/12	12	92	125	2399	192/(231)	8"	101
BSP SS 08110/13 **	13	92	125	2554	192/(231)	8"	108
BSP SS 08110/14 **	14	110	150	2710	192/(231)	8"	114
BSP SS 08110/15 **	15	110	150	2866	192/(231)	8"	120
BSP SS 08110/16 **	16	129	175	3022	231	8"	127
BSP SS 08110/17 **	17	129	175	3177	231	8"	133
BSP SS 08110/18 **	18	129	175	3333	231	8"	139
BSP SS 08110/19 **	19	147	200	3489	231	8"	145
BSP SS 08110/20 **	20	147	200	3644	231	8"	152

** Models produced with eight tie rod
() available on request

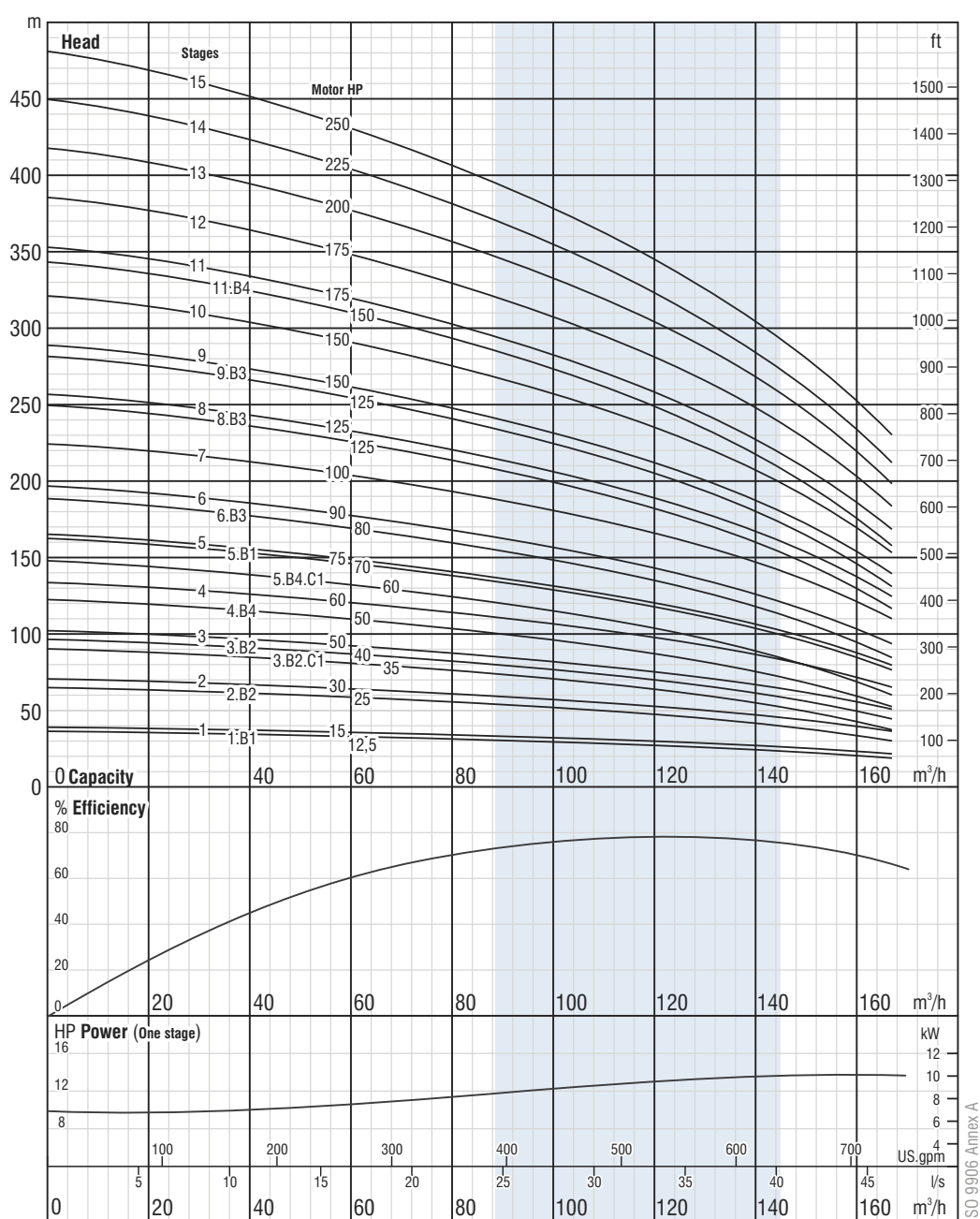
Performance chart

Model	Stages	kW	HP	Q=Flow rate									
				m³/h	0	25	70	80	90	100	110	120	130
				l/s	0	6,9	19,4	22,2	25	27,8	30,6	33,3	36,1
H=Total head [m]													
BSP SS 08110/01	1	7,5	10		27	27	22	22	21	20	18	16	14
BSP SS 08110/02	2	15	20		55	53	45	43	42	39	36	33	28
BSP SS 08110/03	3	22	30		82	80	67	65	63	59	55	49	43
BSP SS 08110/04	4	30	40		110	107	90	87	83	79	73	66	57
BSP SS 08110/05	5	37	50		137	133	112	109	104	98	91	82	71
BSP SS 08110/06	6	45	60		165	160	135	130	125	118	109	99	85
BSP SS 08110/07	7	52	70		192	187	157	152	146	138	128	115	99
BSP SS 08110/08	8	60	80		220	213	180	174	167	158	146	131	114
BSP SS 08110/09	9	67	90		247	240	202	196	188	177	164	148	128
BSP SS 08110/10	10	75	100		274	267	225	217	208	197	182	164	142
BSP SS 08110/11	11	81	110		302	293	247	239	229	217	200	181	156
BSP SS 08110/12	12	92	125		329	320	270	261	250	236	219	197	170
BSP SS 08110/13 **	13	92	125		357	347	292	283	271	256	237	214	185
BSP SS 08110/14 **	14	110	150		384	373	315	304	292	276	255	230	199
BSP SS 08110/15 **	15	110	150		412	400	337	326	313	295	273	246	213
BSP SS 08110/16 **	16	129	175		439	427	360	348	333	315	292	263	227
BSP SS 08110/17 **	17	129	175		467	453	382	370	354	335	310	279	241
BSP SS 08110/18 **	18	129	175		494	480	405	391	375	355	328	296	256
BSP SS 08110/19 **	19	147	200		521	507	427	413	396	374	346	312	270
BSP SS 08110/20 **	20	147	200		549	533	450	435	417	394	364	329	284

** Models produced with eight tie rod

8" BSP SS 08125 01-13

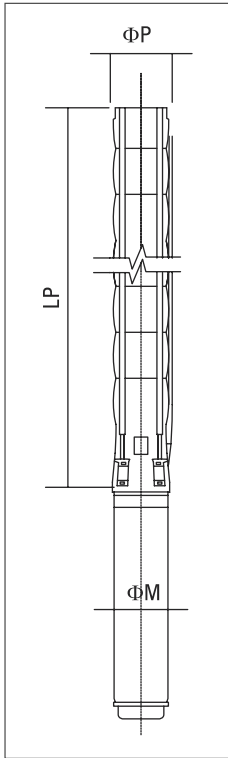
Performance curves



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

8" BSP SS 08125 01-13

Technical specifications



Dimensions

Model	Stages	kW	HP	LP [mm]	ΦM [mm]	ΦP [inch]	Pump weight [kg]
BSP SS 08125/01	1	11	15	686	142	8"	32
BSP SS 08125/02	2	22	30	842	142	8"	39
BSP SS 08125/03	3	37	50	997	(142)/192	8"	45
BSP SS 08125/04	4	45	60	1153	(142)/192	8"	52
BSP SS 08125/05	5	55	75	1309	192	8"	58
BSP SS 08125/06	6	67	90	1465	192	8"	65
BSP SS 08125/07	7	75	100	1620	192	8"	71
BSP SS 08125/08	8	92	125	1776	192/(231)	8"	78
BSP SS 08125/09	9	110	150	1932	192/(231)	8"	84
BSP SS 08125/10	10	110	150	2087	192/(231)	8"	91
BSP SS 08125/11	11	129	175	2243	231	8"	97
BSP SS 08125/12	12	129	175	2399	231	8"	104
BSP SS 08125/13 **	13	147	200	2554	231	8"	110
BSP SS 08125/14 **	14	166	225	2710	231	213	117
BSP SS 08125/15 **	15	185	250	2866	231	213	123

** Models produced with eight tie rod
() available on request

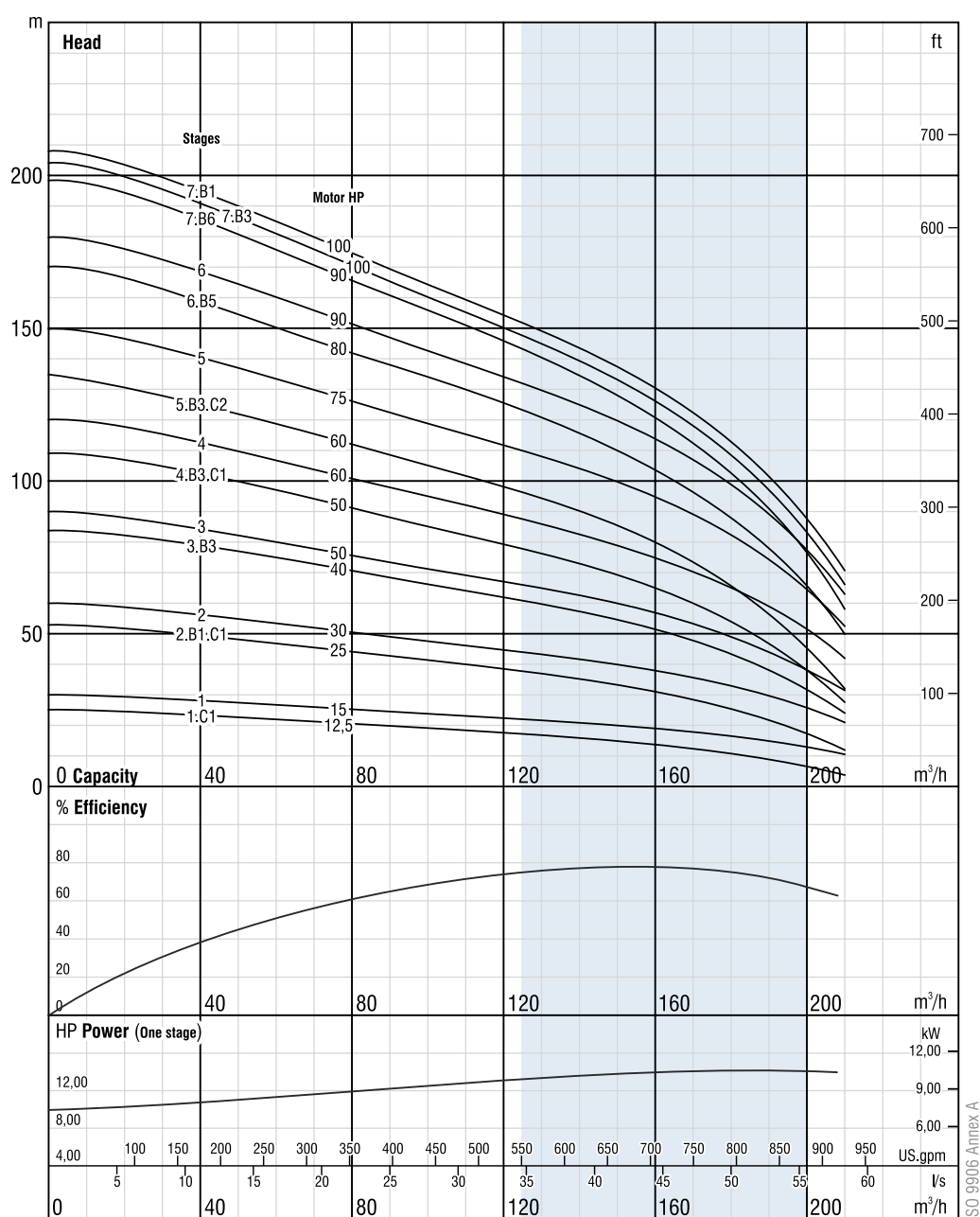
Performance chart

Model	Stages	kW	HP	Q=Flow rate									
				m³/h	0	40	90	120	130	140	150	160	170
				l/s	0	11,1	25	33,3	36,1	38,9	41,7	44,4	47,2
				H=Total head [m]									
BSP SS 08125/01	1	11	15		32	30	26	23	22	20	18	16	14
BSP SS 08125/02	2	22	30		64	60	52	46	43	40	37	33	28
BSP SS 08125/03	3	37	50		96	91	79	69	65	60	55	49	42
BSP SS 08125/04	4	45	60		128	121	105	92	86	80	73	65	56
BSP SS 08125/05	5	55	75		160	151	131	115	108	100	92	81	70
BSP SS 08125/06	6	67	90		192	181	157	138	130	120	110	98	83
BSP SS 08125/07	7	75	100		225	211	183	161	151	140	128	114	97
BSP SS 08125/08	8	92	125		257	241	210	184	173	161	146	130	111
BSP SS 08125/09	9	110	150		289	272	236	207	194	181	165	146	125
BSP SS 08125/10	10	110	150		321	302	262	230	216	201	183	163	139
BSP SS 08125/11	11	129	175		353	332	288	253	238	221	201	179	153
BSP SS 08125/12	12	129	175		385	362	315	275	259	241	220	195	167
BSP SS 08125/13 **	13	147	200		417	392	341	298	281	261	238	211	181
BSP SS 08125/14 **	14	166	225		449	422	367	321	302	281	256	228	195
BSP SS 08125/15 **	15	185	250		481	453	393	344	324	301	275	244	209

** Models produced with eight tie rod

8" BSP SS 08160 01-06

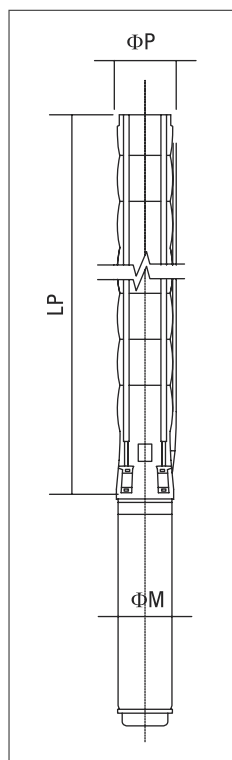
Performance curves



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

8" BSP SS 08160 01-06

Technical specifications



Dimensions

Model	Stages	kW	HP	LP [mm]	ΦM [mm]	ΦP [inch]	Pump weight [kg]
BSP SS 08160/01	1	11	15	686	142	8"	34
BSP SS 08160/02	2	22	30	842	142	8"	40
BSP SS 08160/03	3	37	50	997	(142)/192	8"	47
BSP SS 08160/04	4	45	60	1153	(142)/192	8"	53
BSP SS 08160/05	5	55	75	1309	192	8"	60
BSP SS 08160/06	6	67	90	1465	192	8"	66

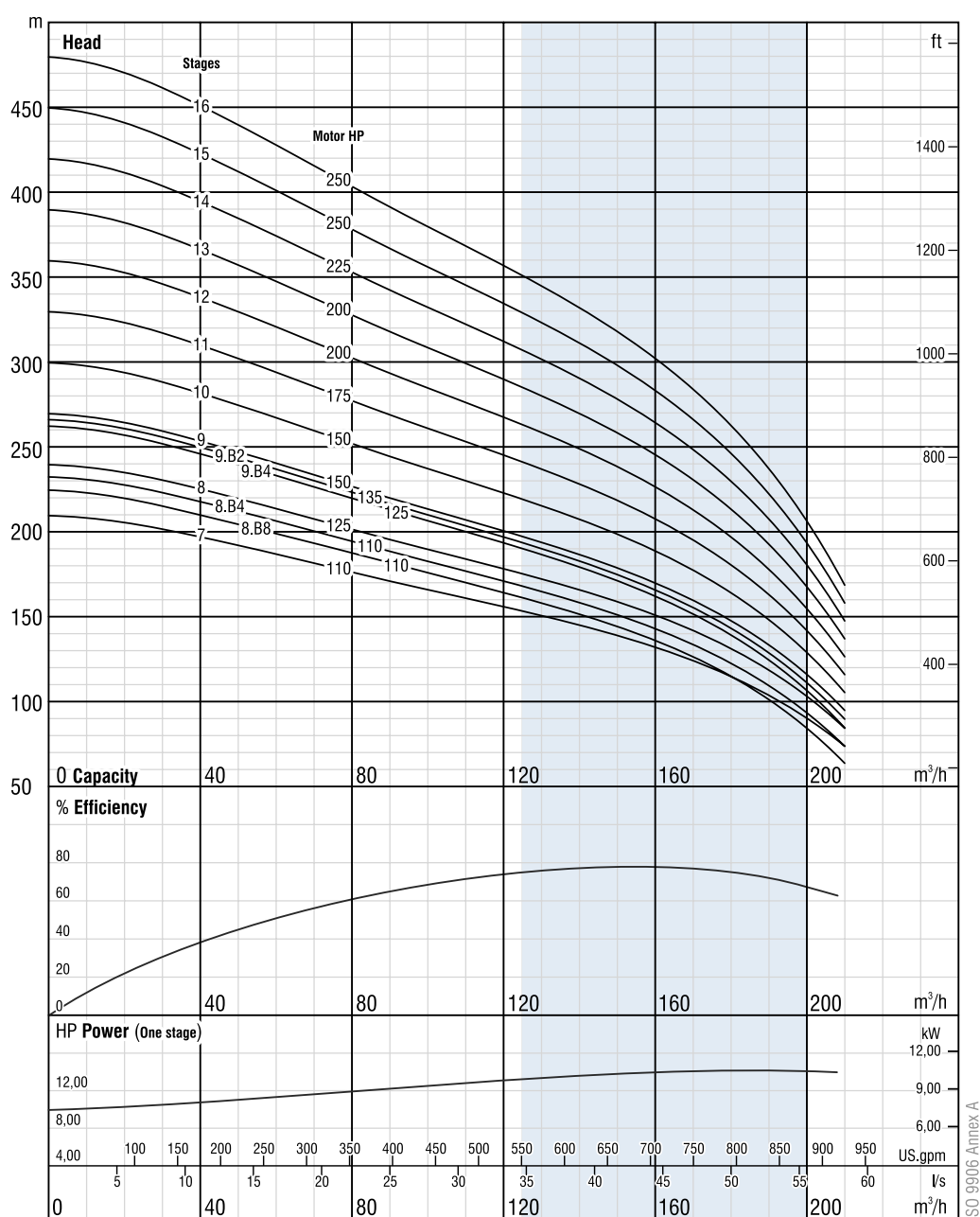
() available on request

Performance chart

Model	Stages	kW	HP	Q=Flow rate								
				m³/h	0	80	100	120	140	160	180	200
				l/s	0	22,2	27,8	33,3	38,9	44,4	50	55,6
H=Total head [m]												
BSP SS 08160/01	1	11	15		30	25	24	22	21	19	16	13
BSP SS 08160/02	2	22	30		60	50	47	45	41	38	33	26
BSP SS 08160/03	3	37	50		90	76	71	67	62	57	49	39
BSP SS 08160/04	4	45	60		119	101	95	89	83	75	65	52
BSP SS 08160/05	5	55	75		149	126	119	111	104	94	81	65
BSP SS 08160/06	6	67	90		179	151	142	134	124	113	98	78

8" BSP SS 08160 7-13

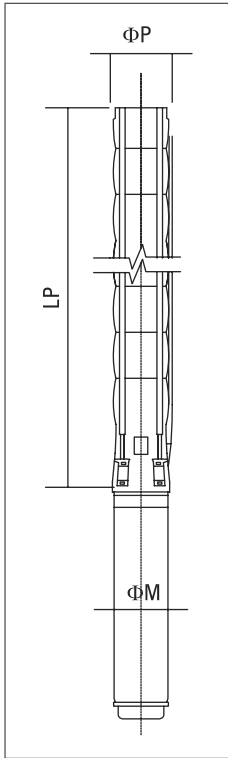
Performance curves



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

8" BSP SS 08160 7-13

Technical specifications



Dimensions

Model	Stages	kW	HP	LP [mm]	ΦM [mm]	ΦP [inch]	Pump weight [kg]
BSP SS 08160/07	7	81	110	1620	192/(231)	8"	73
BSP SS 08160/08	8	92	125	1776	192/(231)	8"	79
BSP SS 08160/09	9	110	150	1932	192/(231)	8"	86
BSP SS 08160/10	10	110	150	2087	192/(231)	8"	92
BSP SS 08160/11	11	129	175	2243	231	8"	99
BSP SS 08160/12	12	147	200	2399	231	8"	105
BSP SS 08160/13 **	13	147	200	2554	231	8"	112

** Models produced with eight tie rod
() available on request

Performance chart

Model	Stages	kW	HP	Q=Flow rate								
				m³/h	0	80	100	120	140	160	180	200
				l/s	0	22,2	27,8	33,3	38,9	44,4	50	55,6
H=Total head [m]												
BSP SS 08160/07	7	81	110		210	177	261	156	145	132	104	91
BSP SS 08160/08	8	92	125		239	202	332	178	166	151	120	103
BSP SS 08160/09	9	110	150		272	227	176	200	187	170	148	117
BSP SS 08160/10	10	110	150		301	252	183	223	207	188	162	128
BSP SS 08160/11	11	129	175		329	277	190	245	228	207	182	143
BSP SS 08160/12	12	147	200		362	303	206	267	249	226	193	155
BSP SS 08160/13 **	13	147	200		393	328	210	290	270	245	213	167

** Models produced with eight tie rod