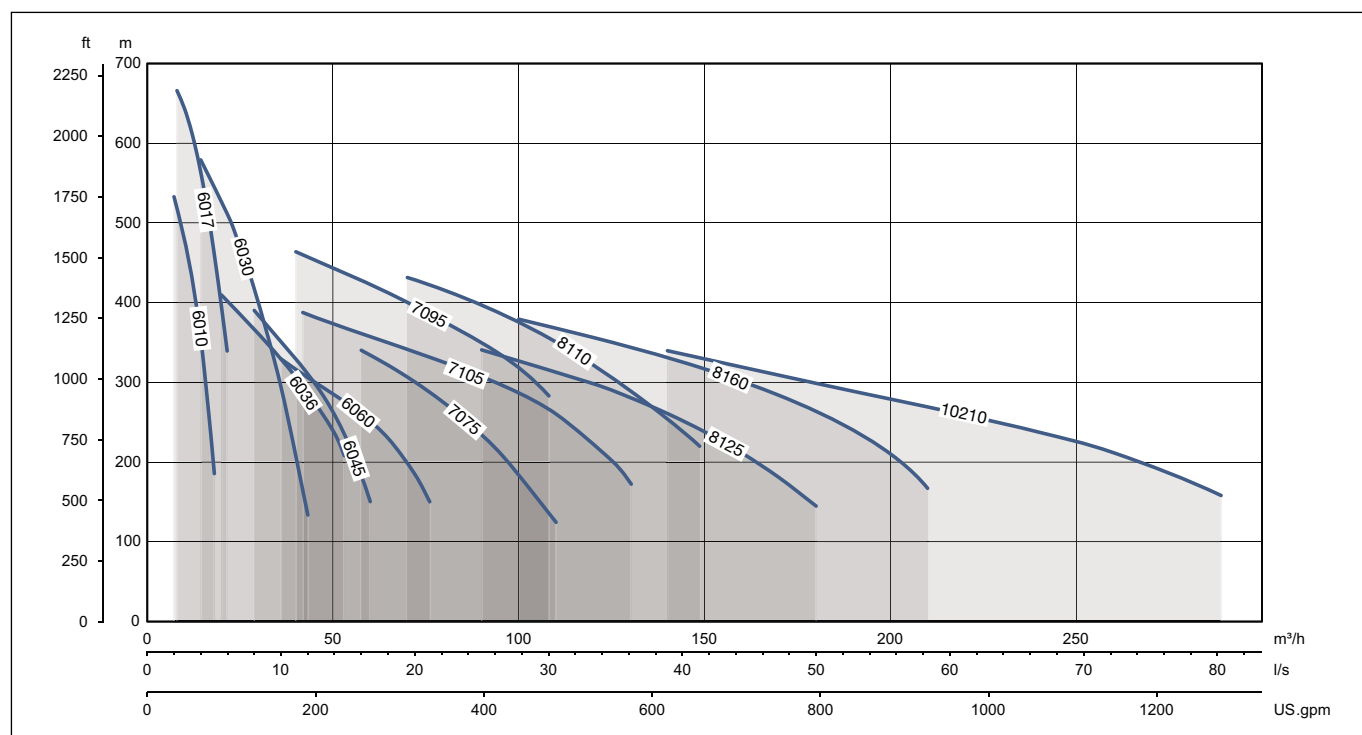


BSP SS - Stainless steel submersible pumps

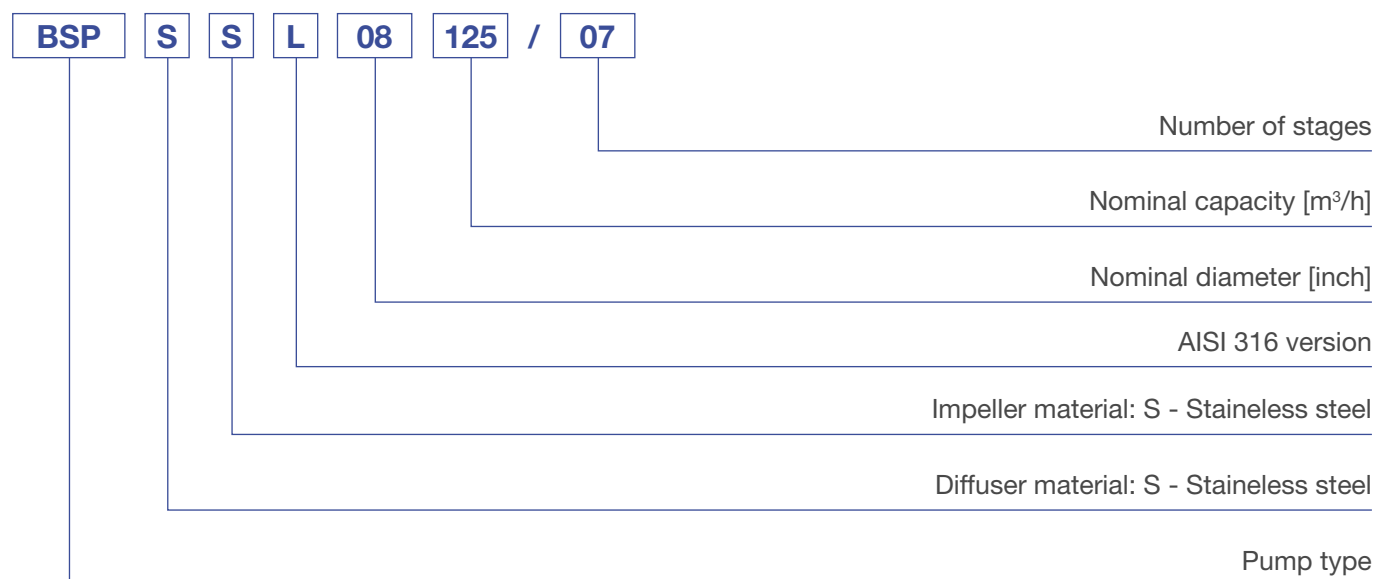
Databook 50Hz



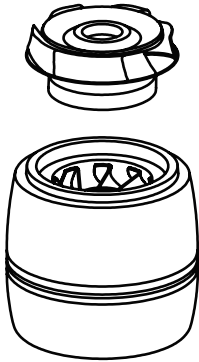
Performance Range



Type key

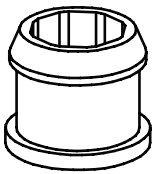


General information



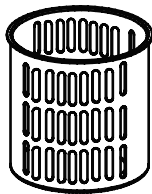
Stainless steel construction

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.



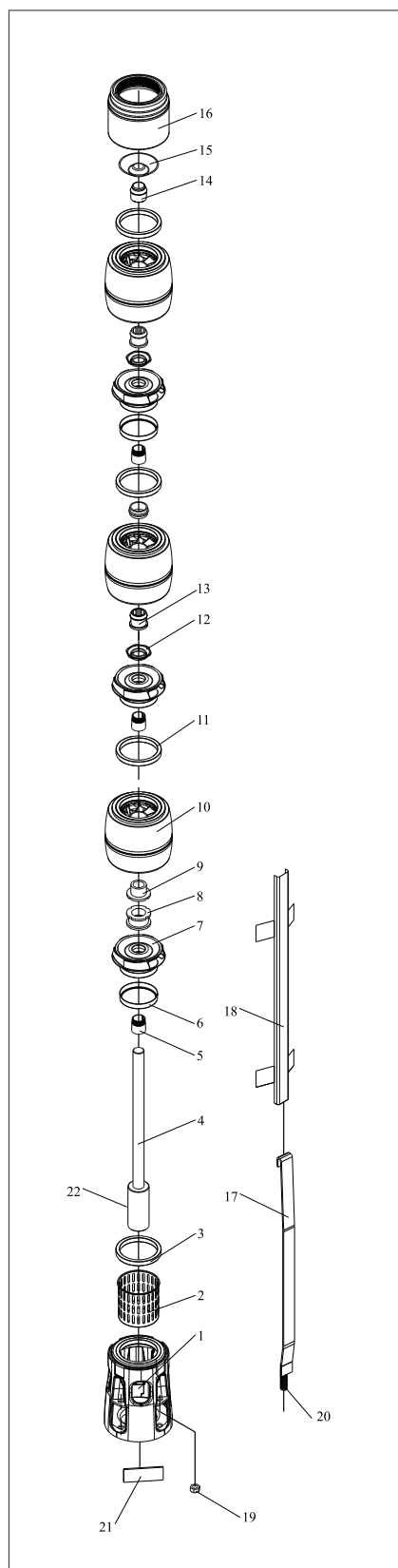
Strainer protection

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

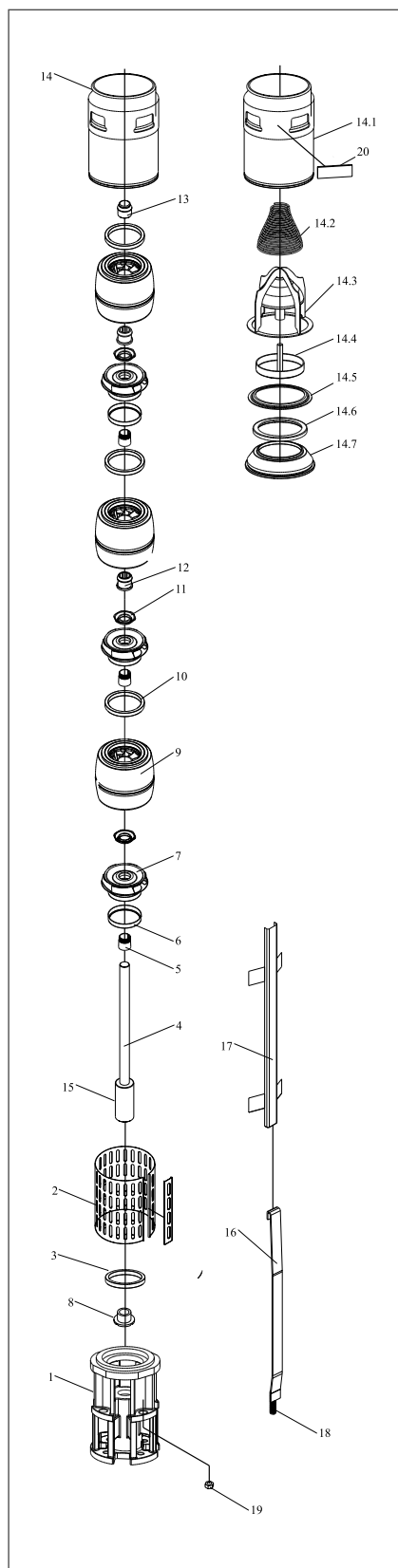
10...60 m³/h


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

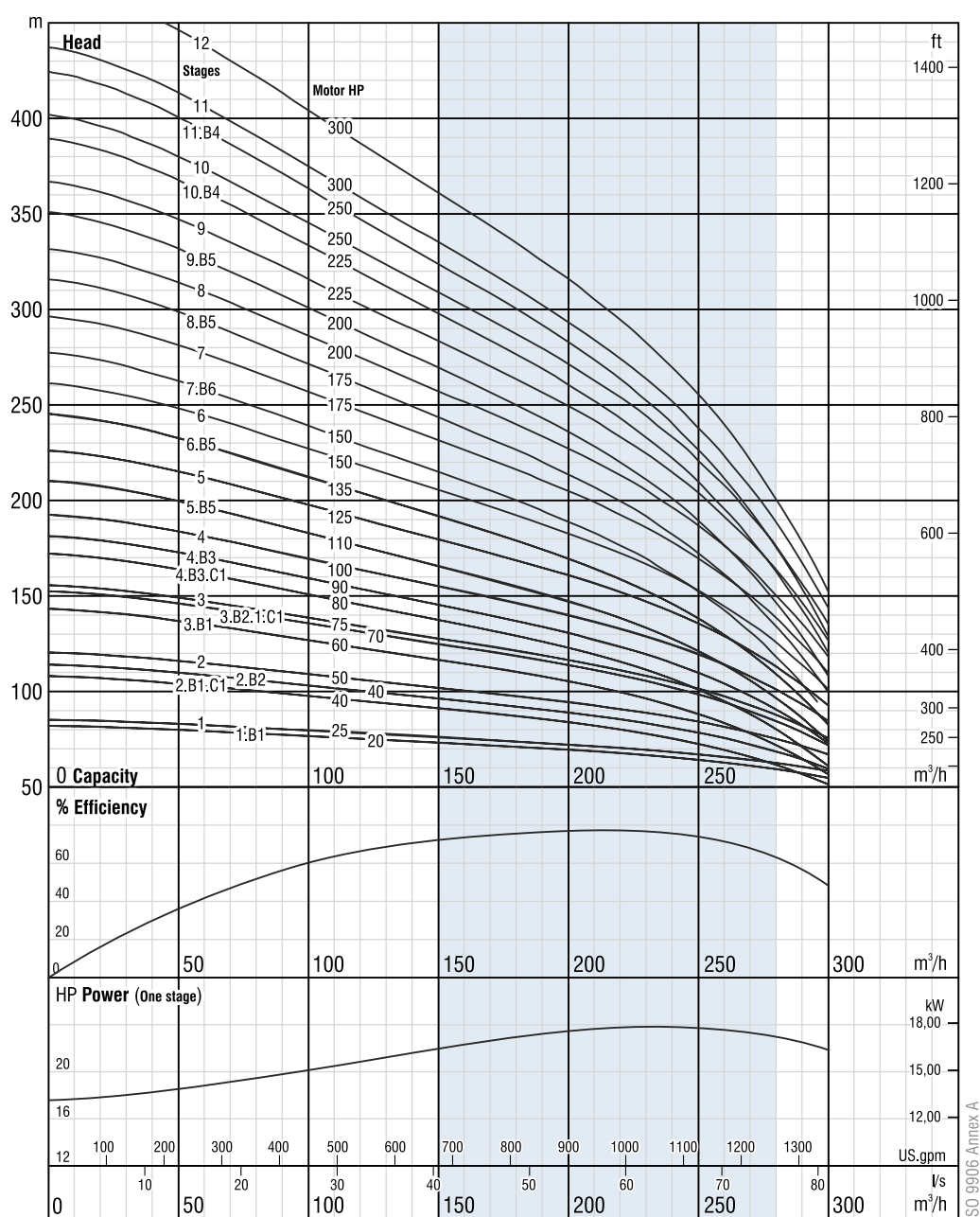
75...215 m³/h



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)

10" BSP SS 10210 01-12

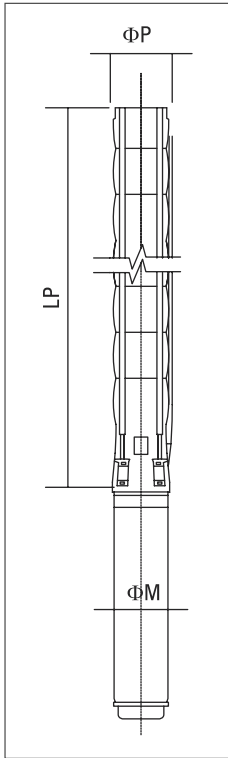
Performance curves



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

10" BSP SS 10210 01-12

Technical specifications



Dimensions

Model	Stages	kW	HP	LP [mm]	ΦM [mm]	ΦP [inch]	Pump weight [kg]
BSP SS 10210/01	1	18,5	25	794	142	10"	44
BSP SS 10210/02	2	37	50	970	(142)/192	10"	55
BSP SS 10210/03	3	55	75	1147	192	10"	66
BSP SS 10210/04	4	75	100	1323	192	10"	76
BSP SS 10210/05	5	92	125	1499	192/(231)	10"	87
BSP SS 10210/06	6	110	150	1675	192/(231)	10"	98
BSP SS 10210/07	7	129	175	1851	231	10"	109
BSP SS 10210/08**	8	150	200	2028	231	10"	119
BSP SS 10210/09**	9	166	225	2204	231	10"	130
BSP SS 10210/10**	10	185	250	2380	231	10"	141
BSP SS 10210/11**	11	220	300	2556	231	10"	152
BSP SS 10210/12**	12	220	300	2732	286	10"	162

** Models produced with eight tie rod

() available on request

Performance chart

Model	Stages	kW	HP	Q=Flow rate									
				m³/h	0	100	140	180	200	220	240	260	290
				l/s	0	27,8	38,9	50	55,6	61,1	66,7	72,2	80,6
H=Total head [m]													
BSP SS 10210/01	1	18,5	25		40	33	30	27	25	23	21	18	12
BSP SS 10210/02	2	37	50		79	66	60	53	50	46	41	35	24
BSP SS 10210/03	3	55	75		119	100	90	80	75	69	62	53	36
BSP SS 10210/04	4	75	100		160	135	121	108	101	93	83	72	49
BSP SS 10210/05	5	92	125		198	166	150	133	125	115	103	89	60
BSP SS 10210/06	6	110	150		238	199	180	160	149	138	124	106	72
BSP SS 10210/07	7	129	175		277	233	210	187	174	161	144	124	84
BSP SS 10210/08**	8	150	200		317	266	240	213	199	183	165	142	96
BSP SS 10210/09**	9	166	225		356	299	270	240	224	206	185	160	108
BSP SS 10210/10**	10	185	250		396	332	300	267	249	229	206	177	120
BSP SS 10210/11**	11	220	300		436	366	330	293	274	252	227	195	132
BSP SS 10210/12**	12	220	300		475	399	359	320	299	275	247	213	144

** Models produced with eight tie rod