

Self Priming pump - Spbloc & SPnorm

* Engine is available for 4 pole only.

Complete SS version is not available in Monobloc version.

1 Basic Design		2, 3 Pump size						
		size	pole	type	1ph	3ph	motor kW	Engine kW*
1	Monobloc	01 SPbloc-15M 40x40	2	Monobloc	x	x	0.75	-
2	Barepump	02 SPbloc-16M 40x40	2	Monobloc		x	1.5	-
3	with motor	03 SPbloc-17M 50X50	2	Monobloc		x	2.2	-
4	with Engine	04 SPbloc-18M 80X80	4	Monobloc		x	3.7	-
		05 SPbloc-14M 80X80	2	Monobloc		x	3.7	-
		06 SPbloc-14SM 80X80	2	Monobloc		x	5.5	-
		07 SPnorm-15 40X40	2	Barepump			0.8	-
		08 SPnorm-16 40X40	2	Barepump			1.5	-
		09 SPnorm-17 50X50	2	Barepump			2.2	-
		10 SPnorm-14 80X80	2	Barepump			3.7	-
		11 SPnorm-14S 80X80	2	Barepump			5.5	-
		12 SPnorm-14H 80X80	2	Barepump			9.3	-
		13 SPnorm-18 80X80	4	Barepump			3.7	4.5 & 9.0
		14 SPnorm-23 100X100	4	Barepump			7.5	9.0
		15 SPnorm-23S 100X100	4	Barepump			9.3	10.5
		16 SPnorm-60 150X150	4	Barepump			15.0	16.5
		17 SPnorm-60S 150X150	4	Barepump			18.5	19.5

4 Material combinations									
Parts	GG	GC	GC	GC	GC	GI	CC #	CC #	
	1	2	3	4	5	6	7	8	
Pump Body			FG200				SS 316	SS 304	
Impeller	FG200	SS 316	SS 304	SS 316	SS 304	Bronze	SS 316	SS 304	
Shaft	SS 410	SS 410	SS 410	SS 410	SS 410	SS 410	SS316	SS304	
Shaft prot Sleeve # (PKG)	SS 410	SS 410	SS 410	SS 410	SS 410	SS 410	SS316	SS304	
Wear Plate NDE @	FG200	SS 316	SS 304	FG200	FG200	FG200	SS 316	SS 304	
Wear Plate DE @	FG200	SS 316	SS 304	FG200	FG200	FG200	SS 316	SS 304	
Stuffing housing			FG200				SS 316	SS 304	
Lantern ring					Plastic				
Stuffing box gland					FG200				
Bearing bracket					FG200				
Impeller nut					M.S.				
Casing stud / nut					M.S.				
Bearing cover					FG200				
Water deflector					Rubber				

5.6 Driver variants							
Type	Rating (kW)	Rating (HP)	Phase	Pole	V	Frequency	
01	Mono shaft	0.75	1	1	2	280 ± 10	50 Hz
02	Mono shaft	0.75	1	3	2	415 ± 10	50 Hz
03	Mono shaft	1.50	2	3	2	415 ± 10	50 Hz
04	Mono shaft	2.20	3	3	2	415 ± 10	50 Hz
05	Mono shaft	3.70	5	3	4	415 ± 10	50 Hz
06	Mono shaft	3.70	5	3	2	415 ± 10	50 Hz
07	Mono shaft	5.50	7.5	3	2	415 ± 10	50 Hz
08	Std motor	0.75	1	3	2	415 ± 10	50 Hz
09	Std motor	1.50	2	3	2	415 ± 10	50 Hz
10	Std motor	2.20	3	3	2	415 ± 10	50 Hz
11	Std motor	3.70	5	3	2	415 ± 10	50 Hz
12	Std motor	5.50	7.5	3	2	415 ± 10	50 Hz
13	Std motor	3.70	5	3	4	415 ± 10	50 Hz
14	Std motor	7.50	10	3	4	415 ± 10	50 Hz
15	Std motor	9.30	12.5	3	4	415 ± 10	50 Hz
16	Std motor	15.00	20	3	4	415 ± 10	50 Hz
17	Std motor	18.50	25	3	4	415 ± 10	50 Hz
18	Engine	4.50	6	3	4	415 ± 10	50 Hz
19	Engine	9.00	12	3	4	415 ± 10	50 Hz
20	Engine	10.50	14	3	4	415 ± 10	50 Hz
21	Engine	16.50	22	3	4	415 ± 10	50 Hz
22	Engine	19.50	26	3	4	415 ± 10	50 Hz

@ Wear plate combinations

size	Wear plate NDE	Wear plate DE	
01	SPbloc-15M 40x40	Yes	No
02	SPbloc-16M 40x40	Yes	No
03	SPbloc-17M 50X50	Yes	No
04	SPbloc-18M 80X80	Yes	Yes
05	SPbloc-14M 80X80	Yes	No
06	SPbloc-14SM 80X80	Yes	No
07	SPnorm-15 40X40	Yes	No
08	SPnorm-16 40X40	Yes	No
09	SPnorm-17 50X50	Yes	No
10	SPnorm-14 80X80	Yes	Yes
11	SPnorm-14S 80X80	Yes	No
12	SPnorm-14H 80X80	Yes	Yes
13	SPnorm-18 80X80	Yes	No
14	SPnorm-23 100X100	Yes	Yes
15	SPnorm-23S 100X100	Yes	Yes
16	SPnorm-60 150X150	Yes	Yes
17	SPnorm-60S 150X150	Yes	Yes

