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## SELF PRIMING CENTRIFUGAL PUMP "SPCF" SERIES



- Creative engineers now introduce self priming cum centrifugal pump with closed and semi open impeller .
- We have made ss-304 or ss-316 chamber in round shape or in square shape .
- These chambers are interconnected with casings , casings have flap type or disc type non return valve (NRV) depend upon application . we use flap type NRV when liquid is dirty or containing some solid particles . We use disc type check valve when liquid is crystal clear.
- These NRVs hold liquid in the chamber and centrifugal pump work as self priming pump.
- All wetted parts are made from ss-304 or ss-316 sheet only and chambers are tested with hydraulic test up to 10 bar . If pressure is more , then we test at 1.5 times then shutoff pressure Thickness of sheet depend upon size and pressure of system .
- These pumps are ideal for all application where people do not want to use footvalve and have suction problem .
- Size of self priming chamber depend upon capacity and suction length . we also offer openable chamber so one can clean it very easily. This is required in sanitary application and in some sticky material application .
- All our CF series pumps are now available with such chamber in monobloc or bare version.
- All our mud pumps which is very costly in SS castings are now offered in our new SPCF version with open or semi open impellers .

## WATER RATING CHART OF "SPCF"

Model	H.P.	Size	Head in Meters Discharge in LPM at 2900 RPM													
			4	6	8	10	12	14	16	18	20	22	24	26	28	30
SPCF-1	0.25	12X12	25	26	17	14	-	-	-	-	-	-	-	-	-	-
SPCF-2	0.5	25X25	-	-	112	108	80	70	-	-	-	-	-	-	-	-
SPCF-2A	0.5	40X40	-	-	210	175	60	-	-	-	-	-	-	-	-	-
SPCF-3	1	25X25	-	-	-	-	140	130	122	100	95	80	70	30	-	-
SPCF-3A	1	40X40	-	-	270	250	230	200	100	-	-	-	-	-	-	-
SPCF-3B	1	50X50	-	-	370	350	300	200	-	-	-	-	-	-	-	-
SPCF-4A	1.5	40X40	-	-	-	-	-	-	-	-	160	150	130	90 at 25 mtr		-
SPCF-4B	1.5	50X40	-	-	-	-	280	250	220	180	150	80	-	-	-	-
SPCF-5A	2	50X40	-	-	-	-	-	-	-	-	230	200	186	130	-	-
SPCF-5B	2	50X50	-	-	-	-	325	290	245	180	120	-	-	-	-	-
SPCF-5C	2	80X80	-	-	550	500	470	350	-	-	-	-	-	-	-	-
Model	H.P.	Size	Head in Meters Discharge in LPM at 2900 RPM													
			6	8	12	16	20	24	28	32	36	40	45	48	54	56
SPCF-6A	3	50X40	-	-	-	-	230	200	180	150	75	-	-	-	-	-
SPCF-6B	3	65X50	-	-	575	520	265	225	-	-	-	-	-	-	-	-
SPCF-7A	5	50X40	-	-	-	-	-	-	-	260	230	190	145	90	-	-
SPCF-7B	5	65X50	-	-	-	650	580	520	300	210	150	-	-	-	-	-
SPCF-7C	5	80X80	-	-	1050	900	756	-	-	-	-	-	-	-	-	-
SPCF-7D	5	100X100	1296	1120	1080	648	-	-	-	-	-	-	-	-	-	-
SPCF-7E	5	80X65	-	-	-	750	650	556	345	-	-	-	-	-	-	-
SPCF-8A	7.5	50X40	-	-	-	-	-	-	-	290	280	250	225	190	120	60
SPCF-8B	7.5	65X50	-	-	-	-	-	700	640	575	470	275	-	-	-	-
SPCF-8C	7.5	100X80	-	-	1250	1150	950	800	-	-	-	-	-	-	-	-
Model	H.P.	Size	Head in Meters Discharge in LPM													
			10	12	16	20	24	28	32	36	40	45	48	54	57	60
SPCF-8D	7.5	100X100	-	1458	1296	1080	750	-	-	-	-	-	-	-	-	-
SPCF-8E	7.5	80X65	-	-	1025	918	810	700	-	-	-	-	-	-	-	-
SPCF-9A	10	50X40	-	-	-	-	500	480	470	450	430	390	340	260	-	-
SPCF-9B	10	65X50	-	-	-	-	-	-	700	650	590	490	390	-	-	-
SPCF-9C	10	80X65	1270	1242	1180	1080	1026	918	810	700	486	-	-	-	-	-
SPCF-9D	10	100X100	-	1700	1560	1450	1240	972	-	-	-	-	-	-	-	-
SPCF-10A	12.5	80X65	-	-	-	1026	972	950	918	810	756	540	-	-	-	-
SPCF-10B	12.5	100X100	-	-	1780	1725	1566	1242	648	-	-	-	-	-	-	-
SPCF-11A	15	65 x 50	-	52	56	60	64	68	72	76	Head in Mtr.					
			-	432	378	365	350	330	270	216	Discharge in Lpm					
Model	H.P.	Size	Head in Meters Discharge in LPM													
			20	24	28	32	36	40	44	48	52	54	-	-	-	-
SPCF-11B	15	80X 65	-	-	-	1026	972	918	864	756	648	540	-	-	-	-
SPCF-11C	15	100X 100	1890	1782	1620	1350	910	-	-	-	-	-	-	-	-	-
SPCF-12A	20	100X 80	1782	1700	1620	1510	1458	1350	1188	1026	-	-	-	-	-	-

