



Double Mechanical Seal Pumps

INTRODUCTION :

Pump with Double mechanical seal is a combination of two conventional seals installed back to back in the pump, and are design to maximum secure sealing safety and where absolute leak proof sealing is required and dosing kit enabled pump to work in operating pressure up to 16 bar.

APPLICATIONS :

- Applied to liquid containing gas and solid matter, toxic or corrosive liquid, and liquid of high pressure.
- Paint industries.
- Distilling industries.
- Petrochemical industries.
- For use with toxic, aggressive or explosive liquids.
- Boiler feeding system.
- cooling and air conditioning system.
- Applied to super-high-pressure equipment.

FEATURE :

- Double mechanical seal ensures maximum sealing and eliminate leakage of fluid.
- Provide a level of safety/zero emission compliance.
- Eliminating of sticking of the seal faces, when the pump is idle or empty.
- Protection against accidental overrunning in the absence of pumping liquid.
- The optimum solution for handling abrasive or sticky liquids which would either wear out, damage or block a mechanical shaft seal.
- The seal arrangement prevents the pumped medium from entering the seal gap and consequently prevents excessive wear.

Type of Seal	Cartridge
Faces of Seal	Tungsten Carbide/Tungsten Carbide

SAP: 2000021323
VC :
Feb./2024-25/L1/000
28 Feb 2024/RL



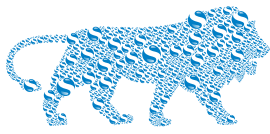
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Shakti Double Mechanical Seal Pumps



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TECHNICAL SPECIFICATION :

S.NO.	MATERIAL CODE		PUMP MODEL	NO. OF STAGES	MOTOR RATING		TOTAL HEIGHT	MAX HEAD RANGE	MAX FLOW
	SINGLE PHASE	THREE PHASE			HP	KW			
(DS) SCRI-1 SERIES									
1	-	9000027651	(DS) SCRI-1	4	0.5	0.37	659	23	2
2	9000016294	-	(DS) SCRI-1	5	0.5	0.37	659	28	2
(DS) SCRI-1S SERIES									
3	-	9000027650	(DS) SCRI-1S	4	0.5	0.37	659	22	1
4	-	9000027647	(DS) SCRI-1S	7	0.5	0.37	659	39	1
(DS) SCRI-3 SERIES									
5	9000016295	-	(DS) SCRI-3	5	0.5	0.37	659	33	4
6	-	9000027645	(DS) SCRI-3	5	0.5	0.37	659	33	4
7	-	9000027649	(DS) SCRI-3	6	0.75	0.5	659	39	4
8	-	9000027648	(DS) SCRI-3	11	1.5	1.1	804	72	4
9	-	9000027646	(DS) SCRI-3	12	1.5	1.1	804	78	4
(DS) SCRI-5 & (DS) SCRN-5 SERIES									
10	-	9000016296	(DS) SCRI-5	5	1	0.75	804	33	8
11	9000017388	-	(DS) SCRI-5	12	3	2.2	993	78	8
12	-	9000022372	(DS) SCRN-5	10	2	1.5	959	65	8
(DS) SCRI-10 & (DS) SCRN-10 SERIES									
13	9000017164	-	(DS) SCRI-10	1	0.5	0.37	656	10	12
14	-	9000017165	(DS) SCRI-10	1	0.5	0.37	656	10	12
15	9000017166	-	(DS) SCRI-10	2	1	0.75	694	20	12
16	-	9000017167	(DS) SCRI-10	2	1	0.75	694	20	12
17	9000017168	-	(DS) SCRI-10	3	1.5	1.1	727	30	12
18	-	9000017169	(DS) SCRI-10	3	1.5	1.1	727	30	12
19	9000017170	-	(DS) SCRI-10	4	2	1.5	812	40	12
20	-	9000017171	(DS) SCRI-10	4	2	1.5	812	40	12
21	9000017172	-	(DS) SCRI-10	5	3	2.2	878	50	12
22	-	9000017173	(DS) SCRI-10	5	3	2.2	878	50	12
23	9000017174	-	(DS) SCRI-10	6	3	2.2	911	60	12
24	-	9000017175	(DS) SCRI-10	6	3	2.2	911	60	12
25	-	9000017176	(DS) SCRI-10	7	4	3	973	70	12
26	-	9000017177	(DS) SCRI-10	8	4	3	1006	80	12
27	-	9000017178	(DS) SCRI-10	9	4	3	1038	90	12
28	-	9000017179	(DS) SCRI-10	10	5	3.7	1071	100	12
29	-	9000017180	(DS) SCRI-10	12	5	3.7	1136	120	12
30	-	9000017181	(DS) SCRI-10	14	7.5	5.5	1321	140	12
31	-	9000017182	(DS) SCRI-10	16	7.5	5.5	1386	160	12
32	-	9000017183	(DS) SCRI-10	18	10	7.5	1451	180	12
33	-	9000017184	(DS) SCRI-10	20	10	7.5	1516	200	12
34	-	9000017185	(DS) SCRI-10	22	10	7.5	1581	220	12
35	-	9000022373	(DS) SCRN-10	3	1.5	1.1	727	30	12



TECHNICAL SPECIFICATION :

S.NO.	MATERIAL CODE		PUMP MODEL	NO. OF STAGES	MOTOR RATING		TOTAL HEIGHT	MAX HEAD RANGE	MAX FLOW
	SINGLE PHASE	THREE PHASE			HP	KW			
(DS) SCRI-15 SERIES									
36	9000017186	-	(DS) SCRI-15	1	1.5	1.1	725	13	22
37	-	9000017187	(DS) SCRI-15	1	1.5	1.1	725	13	22
38	9000017188	-	(DS) SCRI-15	2	3	2.2	816	27	22
39	-	9000017189	(DS) SCRI-15	2	3	2.2	816	27	22
40	-	9000017190	(DS) SCRI-15	3	4	3	887	40	22
41	-	9000017191	(DS) SCRI-15	4	5	3.7	934	54	22
42	-	9000017192	(DS) SCRI-15	5	5	3.7	981	67	22
43	-	9000017193	(DS) SCRI-15	6	7.5	5.5	1147	80	22
44	-	9000017194	(DS) SCRI-15	7	7.5	5.5	1194	94	22
45	-	9000017195	(DS) SCRI-15	8	10	7.5	1241	107	22
46	-	9000017196	(DS) SCRI-15	9	10	7.5	1288	121	22
47	-	9000017197	(DS) SCRI-15	10	15	11	1561	134	22
48	-	9000017198	(DS) SCRI-15	12	15	11	1655	161	22
49	-	9000017199	(DS) SCRI-15	14	15	11	1749	188	22
50	-	9000017200	(DS) SCRI-15	17	20	15	1890	228	22
(DS) SCRI-20 SERIES									
51	9000017201	-	(DS) SCRI-20	1	1.5	1.1	725	14	26
52	-	9000017202	(DS) SCRI-20	1	1.5	1.1	725	14	26
53	9000017203	-	(DS) SCRI-20	2	3	2.2	816	27	26
54	-	9000017204	(DS) SCRI-20	2	3	2.2	816	27	26
55	-	9000017205	(DS) SCRI-20	3	5	3.7	887	41	26
56	-	9000017206	(DS) SCRI-20	4	7.5	5.5	1053	55	26
57	-	9000017207	(DS) SCRI-20	5	7.5	5.5	1100	69	26
58	-	9000017208	(DS) SCRI-20	6	10	7.5	1147	82	26
59	-	9000017209	(DS) SCRI-20	7	10	7.5	1194	96	26
60	-	9000017210	(DS) SCRI-20	8	15	11	1467	110	26
61	-	9000017211	(DS) SCRI-20	10	15	11	1561	137	26
62	-	9000017212	(DS) SCRI-20	12	20	15	1655	164	26
63	-	9000017213	(DS) SCRI-20	14	20	15	1748	192	26
64	-	9000017214	(DS) SCRI-20	17	25	18.7	1889	233	26
(DS) SCRN-45 SERIES									
65	-	9000022217	(DS) SCRN-45	2	7.5	5.5	1171	50	55
66	-	9000018504	(DS) SCRN-45	3	15	11	1520	75	55
(DS) SCRI-90 SERIES									
67	-	9000031460	(DS) SCRI-90	1	10	7.5	1100	29	110
68	-	9000031445	(DS) SCRI-90	2	20	15	1461	58	110