

HOUSE OF **PERFECT** 50 YEARS OF LEGACY

dharani®

OUR CERTIFICATIONS



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Innovation Delivered

Established in 1973 Perfect Group of Companies has transformed into a Multi-Product manufacturing Global Organization.

Our Core Competence is the manufacturing of Pumps, Systems, Motors and Precision Components.

Quality, Research, Development & Sustainability based on global trends and changing Customer and application needs have recorded consistent growth.

Our Expertise in Fluid Dynamics enables us to develop new innovative and robust products. We are equipped with a team of world-class technical experts.

We are able to achieve stratospheric heights through our strategic priorities with a focus on value creation and mutual growth.

Business Values



COMMITTED TO QUALITY

Our flexible manufacturing systems undergo a series of performance testing keeping customer satisfaction as a PRIORITY.



CUSTOMER SUCCESS

Significant solutions colliding with pivotal values have strengthened our credible customer base.



EXCEPTIONAL GUARANTEE

Self-reliance, efficiency, and modern infrastructure with exceptional quality are our path toward rendering exceptional guarantees



PERFECT VALUE CREATION

Through value creation initiative as our inner compass and core values as our driving force, we have attained a healthy customer experience.

Self Priming Pumps – Mini Monoblock Pumps

Performance:

Single Phase, 3000 RPM (Syn.),
50 Hz, Rated Voltage: 220V (+6%, -15%)
Capacitor start and run motor



S.No.	Model	Power		Pipe Size		Total Head in Meters																
		hp	kW	mm	Inches	6	9	12	15	18	21	24	27	30	33	35	40	48	52	56	60	65
						Discharge in LPM																
1	MINI PRIME PRO 25*	0.25	0.12	20x20	¾" x ¾"	28	22	16	10	5												
2	MINI PRIME 25*	0.25	0.12	20x20	¾" x ¾"	28	22	16	10	5												
3	MINI Galaxy Pro 50	0.5	0.37	25x25	1" x 1"	32	27	22	17	12	7											
4	MINI Galaxy 50	0.5	0.37	25x25	1" x 1"	32	27	22	17	12	7											
5	MINI CRYSTAL 50	0.5	0.37	25x25	1" x 1"	32	27	22	17	12	7											
6	MINI CLASSIC 50	0.5	0.37	25x25	1" x 1"	30	26	22	18	14	10	6										
7	MINI PRIME PRO 50*	0.5	0.37	25x25	1" x 1"	33	28	24	20	16	11	7										
8	MINI PRIME 50	0.5	0.37	25x25	1" x 1"	33	28	24	20	16	11	7										
9	MINI MASTRON 50*	0.5	0.37	25x25	1" x 1"	43	39	35	31	27	22	18	14	10								
10	MINI MASTRON PLUS 50	0.5	0.37	25x25	1" x 1"	45	41	37	34	30	26	23	19	16	12	9						
11	MINI Galaxy Pro 100	1.0	0.75	25x25	1" x 1"	45	41	38	34	31	27	24	20	17	14	12						
12	MINI Galaxy 100	1.0	0.75	25x25	1" x 1"	45	41	38	34	31	27	24	20	17	14	12						
13	MINI CRYSTAL 100	1.0	0.75	25x25	1" x 1"	45	41	38	34	31	27	24	20	17	14	12						
14	MINI CLASSIC 100	1.0	0.75	25x25	1" x 1"	45	41	38	34	30	26	23	19	16	12	9						
15	MINI PRIME PRO 100*	1.0	0.75	25x25	1" x 1"	50	47	43	39	36	33	29	26	22	19	17	11					
16	MINI PRIME 100*	1.0	0.75	25x25	1" x 1"	50	47	43	39	36	33	29	26	22	19	17	11					
17	MINI MASTRON 100	1.0	0.75	25x25	1" x 1"	62	58	55	51	48	44	41	37	33	30	26	20	12				
18	MINI MASTRON PLUS 100	1.0	0.75	25x25	1" x 1"	71	67	63	59	55	52	48	44	40	37	33	28	18				
19	MINI MASTRON 150	1.5	1.10	25x25	1" x 1"							56	52	48	44	41	34	23	17	12		
20	MINI MASTRON PLUS 150	1.5	1.10	25x25	1" x 1"							58	54	50	45	42	35	23	17	11	6	
21	MINI MASTRON 200	2.0	1.50	32x25	1¼" x 1"									72	65	60	50	36	28	20	13	
22	MINI MASTRON PLUS 200	2.0	1.50	32x25	1¼" x 1"									75	69	65	56	41	33	25	18	8
23	DMSV 50	0.5	0.37	25x25	1" x 1"	50	45	40	34	29	24	19	14	8								
24	DMSV 100	1.0	0.75	25x25	1" x 1"	47	44	42	39	37	35	32	30	27	25	23	19	13	10			

* ISI Models

Slow Speed Model

Performance: Single Phase, 1500 RPM (Syn.), 50 Hz, Rated Voltage: 220V (+6%, -15%),
Capacitor start & Capacitor run motor (Double Capacitor)

S.No.	Model	Power		Pipe Size		Total Head in Meters															
		hp	kW	mm	Inches	6	9	12	15	18	21	24	27	30	33	36	39				
						Discharge in LPM															
1	DMSVS 50	0.5	0.37	25x25	1" x 1"	50	42	35	28	20	15										
2	DMSVS 100	1.0	0.75	25x25	1" x 1"	63	59	55	51	47	43	40	36	32	28	24	20				



Shallow Well Pumps

Performance: Single Phase, 3000 RPM (Syn.), 50 Hz, Rated Voltage: 220V (+6%, -15%), Capacitor start & run motor

S.No.	Model	Power		Pipe Size		Total Head in Meters															
		hp	kW	mm	Inches	6	9	12	15	18	21	24	27	30	33	36	40				
						Discharge in LPM															
1	DSWJ PRO - 50A - 30	0.5	0.37	25x25	1" x 1"	43	39	34	30	26	21	17	13	8							
2	DSWJ PRO - 100A - 36	1.0	0.75	25x25	1" x 1"	45	42	38	35	32	28	25	21	18	15	11	6				



Deepwell Jet Pumps

Performance: Single Phase, 3000 RPM (Syn.), 50 Hz,
Rated Voltage: 220V (+6%, -15%), Capacitor start & run motor

S. No.	Model	Power		Pipe Size		Stage	Total Head in Meters											
		hp	kW	mm	Inches		9	12	15	18	21	24	27	30	33	36	40	
1	DJP 1.0 (TWIN)	1.0	0.75	32x25x25	1¼"x1"x1"	2							1250	950	600	350	200	50
2	DJP 1.0 (PACKER)	1.0	0.75	32x25x25	1¼"x1"x1"	1	1950	1300	500	200	60							
3	DJPH 1.0 (PACKER)	1.0	0.75	32x25x25	1¼"x1"x1"	1	1950	1300	500	200	60							



Centrifugal Pumps

Performance:

Single Phase, 3000 RPM (Syn.),

Rated Voltage: 220V (+6%, -15%) Capacitor start & run motor,

0.5 HP to 5.0 HP; Three Phase, 3000 RPM (Syn.), Rated Voltage: 415V (+6%, -15%), 0.5 HP to 7.5 HP



S.No.	Model	Power		Pipe Size		Total Head in Meters												
		hp	kW	mm	Inches	6	9	12	15	18	21	24	27	30	33	36	39	
1	DCEE 05*	0.5	0.37	25 x 25	1" x 1"	90	75	60	45	30								
2	DCE 05*	0.5	0.37	25 x 25	1" x 1"	120	98	77	55	34	13							
3	DCF 05	0.5	0.37	32 x 25	1¼" x 1"			130	94	56	20							
4	DCI 05	0.5	0.37	40 x 40	1½" x 1½"		150	110	70									
5	DCK 05	0.5	0.37	50 x 50	2" x 2"	225	160	94	29									
6	DCE 10	1.0	0.75	25 x 25	1" x 1"			100	88	78	66	54	42	32	20			
7	DCF 10	1.0	0.75	32 x 25	1¼" x 1"			160	134	108	82	56	30					
8	DCI 10	1.0	0.75	40 x 40	1½" x 1½"			70	59	48	36	26	14					
9	DCK 10	1.0	0.75	50 x 50	2" x 2"	300	246	192	138	85								
10	DCL 10	1.0	0.75	65 x 50	2½" x 2"	380	297	214	134									
11	DCF 15	1.5	1.1	32 x 25	1¼" x 1"			125	115	105	95	85	75	65				
12	DCI 15	1.5	1.1	40 x 40	1½" x 1½"		275	235	193	152	110	70						
13	DCJ 15	1.5	1.1	50 x 40	2" x 1½"		340	278	215	153	90							
14	DCK 15	1.5	1.1	50 x 50	2" x 2"	360	320	282	245	205	167							
15	DCL 15	1.5	1.1	65 x 50	2½" x 2"	420	340	260	178	96								
16	DCI 20	2.0	1.5	40 x 40	1½" x 1½"			340	304	268	232	198	162					
17	DCJ 20	2.0	1.5	50 x 40	2" x 1½"	410	380	350	310	275	240	205						
18	DCK 20	2.0	1.5	50 x 50	2" x 2"	400	368	333	300	267	234	200						
19	DCL 20	2.0	1.5	65 x 50	2½" x 2"	480	410	336	266	195								
20	DCN 20	2.0	1.5	80 x 65	3" x 2½"		780	580	450									
21	DCO 20*	2.0	1.5	80 x 80	3" x 3"		780	580	390									
22	DCQ 20	2.0	1.5	100 x 100	4" x 4"	875	630	400										
23	DCI 30	3.0	2.2	40 x 40	1½" x 1½"		260	237	216	195	175	152	130	108	86	72	50	
24	DCJ 30	3.0	2.2	50 x 40	2" x 1½"		260	237	215	190	173	150	125	105	85	70	48	
25	DCK 30	3.0	2.2	50 x 50	2" x 2"			480	405	315	260							
26	DCI 30	3.0	2.2	40 x 40	1½" x 1½"		260	237	216	195	175	152	130	108	86	72	50	
27	DCL 30	3.0	2.2	65 x 50	2½" x 2"			475	400	325	250							
28	DCL 30 H	3.0	2.2	65 x 50	2½" x 2"			475	400	325	250							
29	DCN 30	3.0	2.2	80 x 65	3" x 2½"	880	785	693	600									
30	DCO 30	3.0	2.2	80 x 80	3" x 3"		840	660	480	300								
31	DCP 30	3.0	2.2	100 x 80	4" x 3"		928	700	480									
32	DCQ 30*	3.0	2.2	100 x 100	4" x 4"	1200	990	780										
33	DCK 50	5.0	3.7	50 x 50	2" x 2"			420	364	308	252	196	140					
34	DCL 50	5.0	3.7	65 x 50	2½" x 2"					416	343	272	200					
35	DCN 50	5.0	3.7	80 x 65	3" x 2½"	950	783	615	450									
36	DCO 50	5.0	3.7	80 x 80	3" x 3"			908	755	600								
37	DCP 50	5.0	3.7	100 x 80	4" x 3"			1000	825	650								
38	DCN 75	7.5	5.5	80 x 65	3" x 2½"			1300	1280	1260	1220	1100	950	730	400			

Voltage Range : S - Single Phase (160 - 260 V); T - Three Phase (250 - 440 V) W : Single Phase with 2 Phase (240 - 400 V)
LV: Single Phase Low Voltage (120 - 220 V); W and LV models are available in 0.5, 1.0, 1.5, 2.0 & 3.0 hp

* ISI Models

Double Stage Centrifugal Pumps

Performance:

Single Phase, 3000 RPM (Syn.), Rated Voltage: 220V (+6%, -15%)

Capacitor start and run motor, 1.5 HP to 2.0 HP;

Three Phase, 3000 RPM (Syn.), Rated Voltage: 415 V (+6%, -15%), 1.5 HP to 10 HP



S.No.	Model	Power		Pipe Size		Total Head in Meters															
		hp	kW	mm	Inches	18	24	30	36	42	48	54	60	66	72	78	84	86			
						Discharge in LPM															
1	DMCD 1.5	1.5	1.10	32x25	1¼" x 1"	130	120	90	50												
2	DMCD 2.0	2.0	1.50	32x25	1¼" x 1"		150	125	100	65											
3	DMCD 3.0	3.0	2.20	40x40	1½" x 1½"	203	180	152	127	100	55										
4	DMCD 3.0 H	3.0	2.20	40x32	1½" x 1¼"		195	175	160	130	100	50									
5	DMCD 5.0	5.0	3.70	40x40	1½" x 1½"	254	244	220	197	178	153	120	62								
6	DMCD 5.0 H	5.0	3.70	40x32	1½" x 1¼"		215	200	180	160	135	110	65	30							
7	DMCD 7.5	7.5	5.5	50x50	2" x 2"	460	428	400	390	365	335	290	240	180	125						
8	DMCD 7.5 H	7.5	5.5	50x40	2" x 1½"	481	476	450	420	400	370	320	274	200	140	50					
9	DMCD 10.0	10.0	7.5	50x50	2" x 2"		490	465	455	435	410	382	340	280	248	200	100				
10	DMCD 10.0 H	10.0	7.5	50x40	2" x 1½"	518	510	495	480	470	440	405	380	325	290	240	180	90			

Open Well Submersible Pumps

Performance: Single Phase, 3000 RPM (Syn.),

50Hz, Rated Voltage: 220V (+6%, -15%), 0.5 - 2 hp;

Three Phase, 3000 - RPM (Syn.), 50 Hz, Rated Voltage: 415 V (+6%, -15%), 0.5 - 15 hp



S.No	Model	Power		Pipe Size		Total Head in Meters															
		hp	kW	mm	Inches	6	9	12	15	18	21	24	27	30	33	36	39	42	45	48	51
						Discharge in LPM															
1	DMOE 0.5	0.5	0.37	25x25	1" x 1"		130	107	85	62	40										
2	DMOE 1.0	1.0	0.75	25x25	1" x 1"			160	147	133	120	107	93	80							
3	DMOE 1.5*	1.5	1.10	32x25	1¼" x 1"						180	160	140	115	80	27					
4	DMOE 2.0	2.0	1.50	50x40	2" x 1½"				300	270	220	190	150								
5	DMO 0.5	0.5	0.37	32x25	1¼" x 1"	120	98	75	52	30											
6	DMO 1.0	1.0	0.75	32x25	1¼" x 1"	270	240	210	180	145	110	75	40								
7	DMO 1.0 H	1.0	0.75	25x25	1" x 1"	125	115	105	95	85	75	65	55	45							
8	DMO 1.5 H	1.5	1.10	32x25	1¼" x 1"	125	117	109	102	94	86	79	71	64	55	47	40				
9	DOK 10	1.0	0.75	50x50	2" x 2"	350	275	200	125	50											
10	DOK 20	2.0	1.50	50x50	2" x 2"	400	365	335	300	265	235	200									
11	DOL 20	2.0	1.50	65x50	2½" x 2"	480	409	335	265												
12	DON 20	2.0	1.50	80x65	3" x 2½"		540	420	300												
13	DOI 30	3.0	2.2	40x40	1½" x 1½"		260	238	215	195	174	150	130	108	85	65	43				
14	DOL 30#	3.0	2.2	65x50	2½" x 2"			550	475	400	325	250									
15	DOM 30	3.0	2.2	65x65	2½" x 2½"			575	520	420	340	275									
16	DOJ 30#	3.0	2.2	50x40	2" x 1½"			280	248	220	200	180	155	110	90	68	40				
17	DOK 50	5.0	3.7	50x50	2" x 2"						430	370	315	255	195	140					
18	DOL 50#	5.0	3.7	65x50	2½" x 2"						475	400	325	250	175						
19	DOM 50#	5.0	3.7	65x65	2½" x 2½"						480	410	335	265	185						
20	DON 50	5.0	3.7	80x65	3" x 2½"			1010	840	680	520	355									
21	DOJ 50#	5.0	3.7	50x40	2" x 1½"						440	376	318	260	198	150					
22	DOO 50	5.0	3.7	80x80	3" x 3"		900	790	685	580	475										
23	DOP 50	5.0	3.7	100x80	4" x 3"	1250	1050	850	650	450											

* ISI Models

S.No	Model	Power		Pipe Size		Total Head in Meters															
		hp	kW	mm	Inches	6	9	12	15	18	21	24	27	30	33	36	39	42	45	48	51
						Discharge in LPM															
25	DOL 75	7.5	5.5	65 x 50	2½" x 2"						590	556	525	494	460	430	395	365	300		
26	DON 75#	7.5	5.5	80 x 65	3" x 2½"						1050	910	765	620	485	345					
27	DOP 75	7.5	5.5	100 x 80	4" x 3"		1600	1400	1200	1010	820	630	450								
28	DOL 100	10.0	7.5	65 x 50	2½" x 2"						635	600	560	520	480	445	405	365	290	250	210
29	DON 100	10.0	7.5	80 x 65	3" x 2½"						1250	1100	950	800	650	500	350				
30	DOJ 100#	10.0	7.5	50 x 40	2" x 1½"						1225	1050	900	780	630	450	320				
31	DOP 100	10.0	7.5	100 x 80	4" x 3"						1540	1400	1250	1100	950						
32	DON 125#	12.5	9.3	80 x 65	3" x 2½"							1392	1362	1320	1212	1164	1050	960	738		
33	DOQ 125#	12.5	9.3	100 x 100	4" x 4"						2286	2196	1842	1650	1380	960					
34	DON 150#	15.0	11.1	80 x 65	3" x 2½"						1392	1380	1356	1350	1290	1182	1110	960	870	660	
35	DOQ 150#	15.0	11.1	100 x 100	4" x 4"				1980	1950	1890	1830	1680	1560	1050						

Available in CI

Openwell Submersible Pumps - Double Stage

Performance: Single Phase, 3000 RPM (Syn.), 50 Hz, Rated Voltage: 220V (+6%, -15%); 1.5-2.0 hp;
 Three Phase, 3000 RPM (Syn.), 50 Hz, Rated Voltage: 415 V (+6%, -15%); 1.5 - 10.0 hp

S.No.	Model	Power		Pipe Size		Total Head in Meters																	
		hp	kW	mm	Inches	12	15	21	27	30	36	39	42	45	48	51	57	63	66	72	78	81	84
						Discharge in LPM																	
1	DMOD 1.5	1.5	1.10	32x25	1¼" x 1"		160	127	104	93	70												
2	DMOD 2.0	2.0	1.50	32x25	1¼" x 1"			155	131	120	97	86	73	61	50								
3	DMOD 2.0 H	2.0	1.50	40x40	1½" x 1½"	225	212	185	158	144	117	103	90										
4	DMOD 3.0	3.0	2.2	40x40	1½" x 1½"	230	235	215	192	181	138	115	103	78	55	27							
5	DMOD 3.0 H	3.0	2.2	40x32	1½" x 1¼"			200	180	170	150	140	130	110	91	80	15						
6	DMOD 5.0	5.0	3.7	40x40	1½" x 1½"					230	210	200	185	175	160	145	115	85					
7	DMOD 5.0 H	5.0	3.7	40x32	1½" x 1¼"	278	276	265	249	240	222	212	198	182	170	150	113	70	25				
8	DMOD 7.5	7.5	5.5	50x50	2" x 2"	460	445	435	400	382	348	338	320	298	266	245	218	155	112	45			
9	DMOD 7.5 H	7.5	5.5	50x40	2" x 1½"	470	460	448	438	425	410	405	390	375	360	350	318	280	245	200	70		
10	DMOD 10.0	10.0	7.5	50x50	2" x 2"	515	510	500	495	490	470	460	445	438	420	410	370	340	320	280	210	195	
11	DMOD 10.0 H	10.0	7.5	50x40	2" x 1½"	500	498	490	477	470	450	430	410	395	380	365	335	300	265	235	180	160	80

Vertical Open Well Submersible Pumps

Performance: Single Phase, 3000 RPM (Syn.), 50 Hz, Rated Voltage: 220V (+6%, -15%)

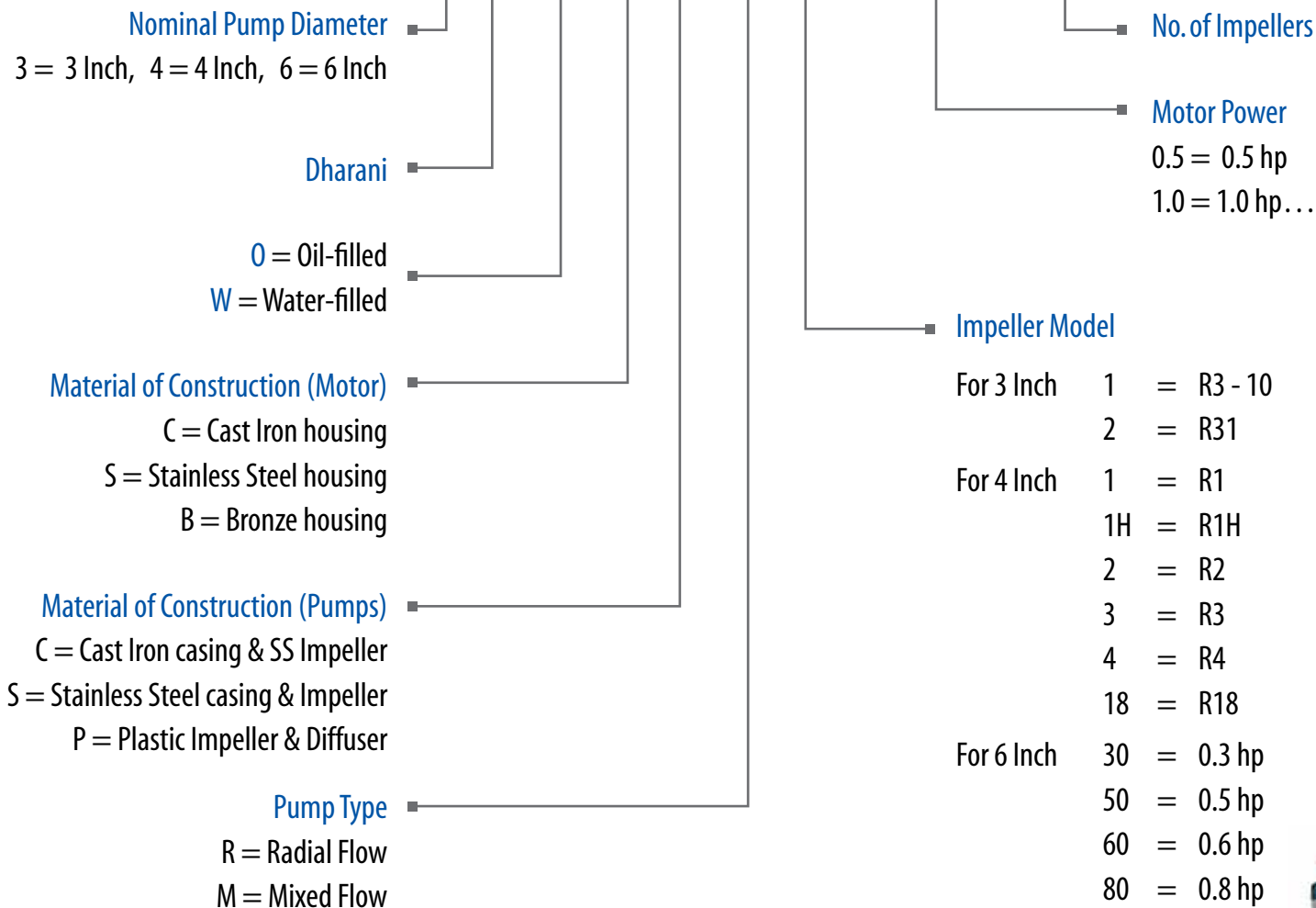
S.No.	Model	Power		Pipe Size 1¼" (32 mm) Stages	Discharge in LPM																
		hp	kW		10	18	32	42	52	67	82	98	110	120	140	180					
					Total Head in Meters																
1	DMOV R2 1.0 - 7	1.0	0.75	7	57	55	52	47	44	35	23	9									
2	DMOV R3 1.0 - 8	1.0	0.75	8	66	63	57	53	50	39	28	14	8								
3	DMOV R3 1.0 - 10	1.0	0.75	10	73	71	66	60	54	40	31	18	9								
4	DMOV R4 1.5 - 9	1.5	1.10	9	70	69	67	65	63	62	55	48	45	41	35	9					
5	DMOV R4 1.5 - 12	1.5	1.10	12	100	95	85	80	75	59	41	21	15	10							



Submersible Pumpsets

Model Identification Code

X X X X X X X / X X



V3 (V4 Slim) Borewell Submersible Pumps

Performance: Single Phase, 3000 RPM (Syn.), 50Hz, Rated Voltage: 220 V (+6%, -15%)

S.No.	Model	Power		Pipe Size		Stage	Total Head in Meters																
		hp	kW	mm	Inches		10	15	18	20	25	35	40	45	50	60	70	75	80	90	100	110	120
							Discharge in LPM																
1	3DWCP1/0.5-9.0	0.5	0.37	32	1¼"	9	45	40	35	32	24	10											
2	3DWCP1/1.0-10	1.0	0.75	32	1¼"	10	92	80	72	66	54	28	15										
3	3DWCP1/1.0-12	1.0	0.75	32	1¼"	12	76	68	62	59	50	32	24	15	6								
4	3DWCP2/1.0-16	1.0	0.75	32	1¼"	16	62	60	59	58	54	47	42	36	31	11							
5	3DWCP2/1.0-19	1.0	0.75	32	1¼"	19	65	63	61	60	58	52	49	45	41	33	20	8					
6	3DWCP2/1.25-24	0.93	1.25	32	1¼"	24	66	64	63	61	60	56	53	51	48	42	35	32	28	14			
7	3DWCP2/1.5-30	1.1	1.50	32	1¼"	30	64	63	62	61	59	57	56	53	51	46	41	38	36	31	24	14	
8	3DWCP2/1.5-34	1.1	1.50	32	1¼"	34	63	62	61	61	60	59	58	57	55	51	47	45	42	38	32	25	15

* Also available in 25 mm



V4 - Borewell Submersible Pumps

Performance: 3000 RPM (Syn.), 50Hz, Single Phase Rated Voltage: 220 V (+6%, -15%),
Three Phase Rated Voltage: 415 V (+6%, -15%)

S.No.	Model	Power		Pipe Size		Stage	Discharge in LPM							
		hp	kW	mm	Inches		10	18	24	28	38	48	58	
							Total Head in Meters							
1	4DWCP R1/0.5-7	0.5	0.37	32	1¼"	7	55	46	40	36	26	16	5	
2	4DWCP R1/0.75-10	0.75	0.55	32	1¼"	10	68	58	50	45	31	18	6	
3	4DWCP R1/1.0-14	1.0	0.75	32	1¼"	14	98	83	72	65	48	30	12	
4	4DWCP R1/1.0-16	1.0	0.75	32	1¼"	16	125	106	92	83	62	40	18	
5	4DWCP R1/1.5-21	1.5	1.10	32	1¼"	21	145	122	106	95	67	40	10	
6	4DWCP R1/2.0-28	2.0	1.50	32	1¼"	28	196	170	150	136	103	70	35	
7	4DWCP R1/3.0-42	3.0	2.20	32	1¼"	42	290	245	210	188	134	80	40	

* R1, R1H models also available in 25 mm

S.No.	Model	Power		Pipe Size		Stage	Discharge in LPM							
		hp	kW	mm	Inches		10	18	24	28	38	48	54	58
							Total Head in Meters							
1	4DWCP R1H/0.5-6	0.5	0.37	32	1¼"	6	48	41	36	33	25	17	12	6
2	4DWCP R1H/0.75-9	0.75	0.55	32	1¼"	9	71	60	52	47	34	21	14	9
3	4DWCP R1H/1.0-12	1.0	0.75	32	1¼"	12	95	83	74	68	53	37	28	18
4	4DWCP R1H/1.5-18	1.5	1.10	32	1¼"	18	135	118	105	96	73	50	36	27
5	4DWCP R1H/2.0-24	2.0	1.50	32	1¼"	24	173	148	130	118	88	58	40	28
6	4DWCP R1H/3.0-36	3.0	2.20	32	1¼"	36	250	210	180	161	114	68	50	35
7	4DWCP R1H/5.0-60	5.0	3.7	32	1¼"	60	420	360	310	278	202	125	80	50

* R2 & R3 models also available in 40 mm

S.No.	Model	Power		Pipe Size		Stage	Discharge in LPM							
		hp	kW	mm	Inches		10	30	48	68	82	90	98	
							Total Head in Meters							
1	4DWCP R2/0.5-5	0.5	0.37	32	1¼"	5	42	35	29	23	19	16	14	
2	4DWCP R2/0.75-7	0.75	0.55	32	1¼"	7	64	52	42	30	22	18	13	
3	4DWCP R2/1.0-10	1.0	0.75	32	1¼"	10	88	72	58	43	32	26	20	
4	4DWCP R2/1.5-15	1.5	1.10	32	1¼"	15	120	100	80	57	41	32	23	
5	4DWCP R2/2.0-20	2.0	1.50	32	1¼"	20	170	136	107	75	53	40	28	
6	4DWCP R2/3.0-30	3.0	2.20	32	1¼"	30	255	205	161	114	79	60	41	
7	4DWCP R2/5.0-50	5.0	3.7	32	1¼"	50	350	280	215	143	93	65	46	

S.No.	Model	Power		Pipe Size		Stage	Discharge in LPM							
		hp	kW	mm	Inches		10	30	52	67	82	90	98	
							Total Head in Meters							
1	4DWCP R3/0.75-6	0.75	0.55	32	1¼"	6	56	46	37	29	20	16	12	
2	4DWCP R3/1.0-8	1.0	0.75	32	1¼"	8	84	70	56	45	32	26	20	
3	4DWCP R3/1.5-12	1.5	1.10	32	1¼"	12	107	88	70	55	38	30	22	
4	4DWCP R3/2.0-14	2.0	1.50	32	1¼"	14	122	100	80	63	44	35	26	
5	4DWCP R3/2.0-16	2.0	1.50	32	1¼"	16	149	120	96	75	51	40	30	
6	4DWCP R3/3.0-24	3.0	2.20	32	1¼"	24	199	160	128	90	65	50	35	
7	4DWCP R3/5.0-40	5.0	3.7	32	1¼"	40	329	260	195	140	86	60	33	

S.No.	Model	Power		Pipe Size		Stage	Discharge in LPM							
		hp	kW	mm	Inches		50	150	200	300	360	400		
							Total Head in Meters							
1	4DWCP R4/0.75-5	0.75	0.55	40	1½"	5	52	42	33	27	19	16	12	
2	4DWCP R4/1.00-7	1.0	0.75	40	1½"	7	68	56	43	36	25	20	16	
3	4DWCP R4/1.50-10	1.5	1.10	40	1½"	10	96	80	62	52	37	30	24	
4	4DWCP R4/2.0-14	2.0	1.50	40	1½"	14	128	108	82	65	46	36	26	
5	4DWCP R4/3.0-21	3.0	2.20	40	1½"	21	198	160	119	90	65	50	35	
6	4DWCP R4/5.0-35	5.0	3.7	40	1½"	35	310	250	188	150	104	80	57	

S.No.	Model	Power		Pipe Size		Stage	Discharge in LPM							
		hp	kW	mm	Inches		50	150	200	300	360	400		
							Total Head in Meters							
1	4DWCP R18/2.0-6	2.0	1.50	65	2½"	6	25	20	18	13	10	8		
2	4DWCP R18/2.0-8	2.0	1.50	65	2½"	8	38	30	26	19	16	12		
3	4DWCP R18/3.0-9	3.0	2.20	65	2½"	9	46	37	32	23	18	14		
4	4DWCP R18/5.0-11	5.0	3.7	65	2½"	11	55	44	38	27	20	16		
5	4DWCP R18/5.0-14	5.0	3.7	65	2½"	14	68	54	48	34	26	21		



6-inch Submersible Pumpset

Performance: 3000 RPM (Syn.); Three Phase Rated Voltage: 415 V (+6% - 15%), 50Hz, AC Supply

50 Feet Per Stage

S.No.	Model	kW	HP	Stage	Pipe Size	Discharge									
						lpm	0	50	90	110	120	140	160	190	
50 Feet Per Stage						2 inch (50mm)	Head (m)	90	84	78	72	66	60	48	30
1	6DWCSR050/3.0-6	2.2	3	6	90			84	78	72	66	60	48	30	
2	6DWCSR050/5.0-10	3.7	5	10	150			140	130	120	110	100	80	50	
3	6DWCSR050/6.0-12	4.5	6	12	180			168	156	144	132	120	96	60	
4	6DWCSR050/7.5-15	5.5	7.5	15	225			210	195	180	165	150	120	75	
5	6DWCSR050/10-20	7.5	10	20	300	280	260	240	220	200	160	100			
75 Feet Per Stage						2 inch (50mm)	Head (m)	60	60	110	130	150	170	190	225
1	6DWCSR060/3.0-5	2.2	3	5	75			72	70	65	60	52	40	30	
2	6DWCSR060/5.0-8	3.7	5	8	120			116	112	105	96	62	65	45	
3	6DWCSR060/6.0-10	4.5	6	10	150			145	140	130	120	102	82	57	
4	6DWCSR060/7.5-12	5.5	7.5	12	180			170	166	157	144	123	98	68	
5	6DWCSR060/10-16	7.5	10	16	240			230	224	208	192	164	128	90	
6	6DWCSR060/12.5-20	9.3	12.5	20	300			290	280	262	240	205	160	114	
7	6DWCSR060/15-24	11	15	24	360			345	335	312	288	246	194	135	
8	6DWCSR060/17.5-26	13	17.5	26	390			382	378	350	324	275	215	150	
9	6DWCSR060/20-30	15	20	30	450	435	415	390	360	308	220	170			
100 Feet Per Stage						2 inch (50mm)	Head (m)	70	130	160	200	220	270	300	
1	6DWCSR080/3.0-4	2.2	3	4	60			58	56	52	48	39	30	22	
2	6DWCSR080/5.0-6	3.7	5	6	90			86	84	78	72	58	45	32	
3	6DWCSR080/6.0-8	4.5	6	8	120			116	112	104	96	78	60	42	
4	6DWCSR080/7.5-10	5.5	7.5	10	150			145	140	130	120	96	75	64	
5	6DWCSR080/10-12	7.5	10	12	180			172	166	156	144	116	90	64	
6	6DWCSR080/12.5-15	9.3	12.5	15	225			218	210	195	180	145	112	80	
7	6DWCSR080/15-18	11	15	18	270			260	250	234	216	175	135	96	
8	6DWCSR080/17.5-22	13	17.5	22	330			315	308	286	264	211	165	118	
9	6DWCSR080/20-25	15	20	25	375	360	350	325	300	240	187	135			
125 Feet Per Stage						2 1/2 inch (65mm)	Head (m)	80	100	200	250	310	350	400	
1	6DWCSR100/3.0-3	2.2	3	3	45			43	42	39	36	30	24	15	
2	6DWCSR100/5.0-5	3.7	5	5	75			73	70	65	60	50	40	24	
3	6DWCSR100/6.0-6	4.5	6	6	90			86	84	78	72	60	48	28	
4	6DWCSR100/7.5-8	5.5	7.5	8	120			105	98	91	84	70	56	33	
5	6DWCSR100/10-10	7.5	10	10	150			120	112	104	96	80	62	40	
6	6DWCSR100/12.5-12	9.3	12.5	12	180			150	140	130	120	100	80	48	
7	6DWCSR100/15-15	11	15	15	225			218	210	195	180	150	120	72	
8	6DWCSR100/17.5-18	13	17.5	18	270			262	252	234	216	180	144	87	
9	6DWCSR100/20-20	15	20	20	300			290	280	260	240	200	160	96	
10	6DWCSR100/25-25	18.5	25	25	375	370	360	325	300	250	200	50			
150 Feet Per Stage						2 1/2 inch (65mm)	Head (m)	110	230	280	340	410	460	520	
1	6DWCSR125/5.0-4	3.7	5	4	60			58	56	53	48	40	32	20	
2	6DWCSR125/6.0-5	4.5	6	5	75			72	70	66	60	50	40	25	
3	6DWCSR125/7.5-6	5.5	7.5	6	90			86	84	80	72	60	48	30	
4	6DWCSR125/10-8	7.5	10	8	120			116	112	106	96	80	64	40	
5	6DWCSR125/12.5-10	9.3	12.5	10	150			145	139	133	120	100	80	50	
6	6DWCSR125/15-12	11	15	12	180			174	168	160	144	120	96	60	
7	6DWCSR125/17.5-14	13	17.5	14	210			205	195	186	168	140	112	70	
8	6DWCSR125/20-16	15	20	16	240			230	224	212	192	160	128	80	
9	6DWCSR125/25-20	18.5	25	20	300	290	280	266	240	200	160	106			
175 Feet Per Stage						2 1/2 inch (65mm)	Head (m)	120	300	360	400	500	550	650	
1	6DWCSR150/5.0-3	3.7	5	3	45			43	42	40	36	26	22	15	
2	6DWCSR150/6.0-4	4.5	6	4	60			58	56	52	48	36	29	20	
3	6DWCSR150/7.5-5	5.5	7.5	5	75			72	70	65	60	44	36	25	
4	6DWCSR150/10-7	7.5	10	7	105			100	98	90	84	62	50	35	
5	6DWCSR150/12.5-8	9.3	12.5	8	120			115	112	104	96	70	58	40	
6	6DWCSR150/15-10	11	15	10	150			145	140	130	120	88	72	50	
7	6DWCSR150/17.5-12	13	17.5	12	180			173	168	156	144	105	86	60	
8	6DWCSR150/20-13	15	20	13	195			190	182	170	156	115	94	65	
9	6DWCSR150/25-16	18.5	25	16	240	232	224	212	192	145	118	80			



50 Feet Per Stage

S.No.	Model	kW	HP	Stage	Pipe Size	Discharge								
						lpm	0	190	380	410	530	600	700	820
1	6DWCSR200/6.0-3	4.5	6	3	2 1/2 inch (65mm)	Head (m)	45	43	42	40	36	30	23	11
2	6DWCSR200/7.5-4	5.5	7.5	4			60	58	56	53	48	40	30	15
3	6DWCSR200/10.0-5	7.5	10	5			75	72	70	66	60	50	37	18
4	6DWCSR200/12.5-6	9.3	12.5	6			90	88	84	80	72	60	45	22
5	6DWCSR200/15.0-8	11	15	8			120	116	112	105	96	80	60	28
6	6DWCSR200/17.5-9	13	17.5	9			135	130	126	118	108	90	66	32
7	6DWCSR200/20.0-10	15	20	10			150	145	140	130	120	100	74	35
8	6DWCSR200/25.0-12	18.5	25	12			180	173	168	155	144	120	90	42

Performance: 3000 RPM (Syn.); Three Phase Rated Voltage: 415 V (+6% - 15%), 50Hz , AC Supply

Radial Flow

S.No.	Model	kW	HP	Stage	Pipe Size	Discharge								
						lpm	0	60	90	120	150	180	210	
1	6DWCCR30 / 3.0-9	2.2	3	9	2 inch (50mm)	Head (m)	87	82	76	66	54	41	26	
2	6DWCCR30 / 5.0-15	3.7	5	15			145	137	126	110	91	69	44	
3	6DWCCR30 / 6.0-18	4.5	6	18			174	164	151	131	109	82	52	
4	6DWCCR30 / 7.5-20	5.5	7.5	20			193	182	168	146	121	91	58	
5	6DWCCR30 / 10.0-30	7.5	10	30			290	273	252	219	181	137	87	
1	6DWCCR50 / 3.0-6	2.2	3	6	2 inch (50mm)	Head (m)	56	55	50	45	38	31	24	15
2	6DWCCR50 / 5.0-10	3.7	5	10			94	92	83	75	64	52	40	26
3	6DWCCR50 / 6.0-12	4.5	6	12			112	110	100	90	77	62	48	31
4	6DWCCR50 / 7.5-15	5.5	7.5	15			140	137	125	113	96	78	60	38
5	6DWCCR50 / 10-20	7.5	10	20			187	183	166	150	128	104	80	51
6	6DWCCR50 / 12.5-25	9.3	12.5	25			234	229	208	188	160	130	100	64
7	6DWCCR50 / 15-30	11	15	30			281	275	249	225	192	156	120	77
8	6DWCCR50 / 17.5-34	13	17.5	36			318	311	282	255	218	177	136	87
9	6DWCCR50 / 20-40	15	20	40			374	366	332	300	256	208	160	102
1	6DWCCR60 / 3.0-5	2.2	3	5	2 inch (50mm)	Head (m)	52	51	50	46	43	37	25	10
2	6DWCCR60 / 5.0-8	3.7	5	8			82	81	80	74	69	60	39	16
3	6DWCCR60 / 6.0-10	4.5	6	10			103	101	100	93	86	75	49	21
4	6DWCCR60 / 7.5-12	5.5	7.5	12			123	121	120	111	103	89	59	25
5	6DWCCR60 / 10-16	7.5	10	16			164	162	160	148	138	119	78	33
6	6DWCCR60 / 12.5-20	9.3	12.5	20			214	212	208	194	177	154	104	50
7	6DWCCR60 / 15-24	11	15	24			257	254	250	233	212	185	125	60
8	6DWCCR60 / 17.5-27	13	17.5	27			289	286	281	262	239	208	140	68
9	6DWCCR60 / 20-33	15	20	33			353	349	344	320	292	254	172	83
1	6DWCCR80 / 3.0-4	2.2	3	4	2 inch (50mm)	Head (m)	41	40	39	38	35	30	21	12
2	6DWCCR80 / 5.0-6	3.7	5	6			61	59	58	57	53	44	31	18
3	6DWCCR80 / 6.0-8	4.5	6	8			81	79	78	76	70	59	42	24
4	6DWCCR80 / 7.5-10	5.5	7.5	10			101	98	97	95	88	74	52	30
5	6DWCCR80 / 10-13	7.5	10	13			131	127	126	123	114	96	68	38
6	6DWCCR80 / 12.5-16	9.3	12.5	16			162	157	155	151	140	118	83	47
7	6DWCCR80 / 15-20	11	15	20			202	196	194	189	175	148	104	59
8	6DWCCR80 / 17.5-23	13	17.5	23			232	225	223	218	201	170	120	68
9	6DWCCR80 / 20-26	15	20	26			263	255	252	246	228	192	135	77
1	6DWCCR100 / 3.0-3	2.2	3	3	2 inch (50mm)	Head (m)	32	31	30	29	25	20	11	8
2	6DWCCR100 / 5.0-5	3.7	5	5			53	52	51	48	42	34	19	14
3	6DWCCR100 / 6.0-6	4.5	6	6			64	62	61	57	51	40	23	17
4	6DWCCR100 / 7.5-8	5.5	7.5	8			85	83	82	76	68	54	30	22
5	6DWCCR100 / 10-10	7.5	10	10			106	104	102	96	85	67	38	28
6	6DWCCR100 / 12.5-12	9.3	12.5	12			127	124	122	115	101	80	46	34
7	6DWCCR100 / 15-15	11	15	15			159	155	153	143	127	101	57	42
8	6DWCCR100 / 17.5-18	13	17.5	18			201	197	192	176	155	129	73	54
9	6DWCCR100 / 20-20	15	20	20			223	219	214	196	172	143	81	60



Performance: 3000 RPM (Syn.); Three Phase - Rated Voltage: 415 V (+6% - 15%), 50Hz, AC Supply

Mixed Flow

S.No.	Model	kW	HP	Stage	Pipe Size	Discharge									
						lpm	0	210	240	300	390	480	510	570	630
1	6DWCCM100 / 3.0-3	2.2	3	3	2½ inch (65mm)	Head (m)	29	26	26	25	23	20	19	18	14
2	6DWCCM100 / 5.0-5	3.7	5	5			48	44	43	41	38	33	32	30	23
3	6DWCCM100 / 6.0-6	4.5	6	6			57	53	52	49	45	40	38	36	28
4	6DWCCM100 / 7.5-8	5.5	7.5	8			76	70	69	66	60	53	51	48	37
5	6DWCCM100 / 10-10	7.5	10	10			95	88	86	82	75	67	64	60	47
6	6DWCCM100 / 12.5-12	9.3	12.5	12			114	106	103	98	90	80	76	72	56
7	6DWCCM100 / 15-15	11	15	15			143	132	129	123	113	100	95	90	70
8	6DWCCM100 / 17.5-18	13	17.5	18			171	158	155	148	135	120	114	108	84
9	6DWCCM100 / 20-20	15	20	20			190	176	172	164	150	133	127	120	93
10	6DWCCM100 / 25-25	18.5	25	25			238	220	215	205	188	166	159	150	116
S.No.	Model	kW	HP	Stage	Pipe Size	Discharge									
						lpm	0	300	390	480	510	570	630	690	750
1	6DWCCM125 / 3.0-2	2.2	3	2	2½ inch (65mm)	Head (m)	20	18	17	16	15	14	12	11	9
2	6DWCCM125 / 5.0-4	3.7	5	4			41	37	34	31	30	29	25	22	18
3	6DWCCM125 / 6.0-5	4.5	6	5			51	46	43	39	38	36	31	28	22
4	6DWCCM125 / 7.5-6	5.5	7.5	6			62	55	51	47	45	43	38	33	27
5	6DWCCM125 / 10-8	7.5	10	8			82	73	68	62	60	57	50	44	36
6	6DWCCM125 / 12.5-10	9.3	12.5	10			103	92	86	78	75	71	63	55	45
7	6DWCCM125 / 15-12	11	15	12			123	110	102	93	90	86	75	66	54
8	6DWCCM125 / 17.5-14	13	17.5	14			144	128	119	109	105	100	88	77	63
9	6DWCCM125 / 20-16	15	20	16			164	146	136	124	120	114	100	88	72
10	6DWCCM125 / 25-20	18.5	25	20			205	183	171	156	150	143	125	110	90
S.No.	Model	kW	HP	Stage	Pipe Size	Discharge									
						lpm	0	390	510	540	630	690	750	840	930
1	6DWCCM150 / 3.0-2	2.2	3	2	2½ inch (65mm)	Head (m)	21	19	17	17	15	14	13	11	9
2	6DWCCM150 / 5.0-3	3.7	5	3			32	28	26	25	23	21	19	16	14
3	6DWCCM150 / 6.0-4	4.5	6	4			42	37	34	33	30	28	26	22	18
4	6DWCCM150 / 7.5-5	5.5	7.5	5			53	46	43	41	38	35	32	27	23
5	6DWCCM150 / 10-7	7.5	10	7			74	65	60	58	53	48	45	38	32
6	6DWCCM150 / 12.5-8	9.3	12.5	8			84	74	68	66	60	55	51	43	36
7	6DWCCM150 / 15-10	11	15	10			105	93	85	83	75	69	64	54	45
8	6DWCCM150 / 17.5-12	13	17.5	12			126	111	102	99	90	83	76	65	54
9	6DWCCM150 / 20-14	15	20	14			147	130	119	116	105	97	89	76	63
10	6DWCCM150 / 25-17	18.5	25	17			179	158	145	141	128	117	108	92	77



Pressure Boosting Pumps

Fitted with
Dry Run Protection (Float Switch) &
Y-Strainer (Filter)



S.No.	Type	Model	Application	Features
1	Mini Shower 50	DMSPB 0.50	Up to 2 bath rooms with ordinary shower (or) 1 bath room with 1 special shower Max. Operating Pressure 1.8 Bar	<ul style="list-style-type: none"> • Compact In Size • Fitted With Thermal Overload Protector • Low Power Consumption • Small Pressure Tank - 2 Ltrs • Very less space is required
2	Mini Shower 100	DMSPB 1.00	Up to 3 bath rooms with ordinary shower (or) 2 bath rooms with 1 special shower Max. Operating Pressure 4 Bar	<ul style="list-style-type: none"> • Compact In Size • Fitted With Thermal Overload Protector • Low Power Consumption • Small Pressure Tank - 5 Ltrs • Very less space is required
3	ECO - I	10 DBP 2/0.5-3	Up to 1 bath room & kitchen. No Special showers. Max. Operating Pressure 2.5 Bar	<ul style="list-style-type: none"> • Fitted with Thermal Overload Protector • Low power consumption • Works with DANFOSS pressure switch • Small Pressure Tank - 24 ltr (ELBI, Italy make) • Min / Max. pressure can be set • Very less space is required
4	Eco – II	10 DBP 2/0.75-4	Up to 2 bath rooms, kitchen & 1 special shower Max. Operating Pressure 3.5 bar	
5	ECO - III	10 DBP 2/1.0-5	Up to 3 bath rooms, kitchen & 2 Special showers (Limited utility) Max. Operating Pressure 4.5 Bar Ideal for Cabinet shower	
6	ECO - IV	10 DBP 4/1.0-4	Up to 4 bath rooms, kitchen & 2 Special showers (Limited utility) Max. Operating Pressure 3.8 Bar Ideal for Cabinet shower	
7	Super - I	10 DBPC 2 / 0.75 - 5*	Up to 3 bath rooms, kitchen & 1 Special shower (Limited utility) Max. Operating Pressure 4 Bar	<ul style="list-style-type: none"> • 100% SS Pump • Fitted with Thermal Overload Protector • Low power consumption • Works with DANFOSS pressure switch • Small Pressure Tank - 24 ltr (ELBI, Italy make) • Min/Max. pressure can be set • Very less space is required
8	Super - II	10 DBPC 2 / 1.0 - 6*	Up to 4 bath rooms, kitchen & 2 Special showers (Limited utility) Max. Operating Pressure 4.5 Bar Ideal for Cabinet shower	
9	Super - III	10 DBPC 4 / 1.0 - 4*	Up to 5 bath rooms, kitchen & 1 Special shower (Limited utility) Max. Operating Pressure 3.5 Bar	
10	Super - IV	10 DBPC 4 / 1.5 - 6*	Up to 5 bath rooms, kitchen & 3 Special showers (Limited utility) Max. Operating Pressure 5 Bar Ideal for Cabinet shower	
11	Premium - I	13 DBPS 2 / 1.0 - 6	Up to 4 bath rooms, kitchen & 2 Special showers (Limited utility). Max. Operating Pressure 3.6 Bar. Ideal for Cabinet shower	<ul style="list-style-type: none"> • 100% SS Pump • Maintains Constant Pressure • Power Saving Up to 60% • Inbuilt <ul style="list-style-type: none"> ■ VFD (Italy make) ■ Pressure Sensor ■ Flow Sensor ■ Dry running protection • Small Pressure Tank - 24 ltr (ELBI, Italy make) • Very less space is required
12	Premium - II	13 DBPS 4 / 1.5 - 6	Up to 5 bath rooms, kitchen & 3 Special showers (Limited utility). Max. Operating Pressure 3.8 Bar. Ideal for Cabinet shower	

* Available in SS

DBP (S & C) - SS Horizontal Multistage Pumps

Performance

Single Phase, 3000 RPM (Syn.), 50 Hz, Rated Voltage: 220V (+6%, -15%), Capacitor start and run motor; 0.5 - 1.5 HP;

Three Phase, 3000 RPM (Syn.), 50 Hz, Rated Voltage: 415V (+6% - 15%)



S.No.	Model	kW	HP	Stage	Pipe Size (inches)	Total Head in Meters	Discharge (m ³ /h)						
							0.5	1	1.5	2	2.5	3	3.5
1	DBP 2/0.50-3	0.37	0.50	3	1" x 1"		27	26	23	22	19	16	12
2	DBP 2/0.75-5	0.55	0.75	5	1" x 1"		44	41	38	34	31	28	20
3	DBP 2/1.0-6	0.75	1.00	6	1" x 1"		53	52	48	45	42	35	26

S.No.	Model	kW	HP	Stage	Pipe Size (inches)	Total Head in Meters	Discharge (m ³ /h)						
							1	2	3	4	5	6	7
1	DBP 4/0.50-2	0.37	0.50	2	1¼" x 1"		18	17	16	15	13	10	8
2	DBP 4/0.75-3	0.55	0.75	3	1¼" x 1"		26	25	22	21	19	16	13
3	DBP 4/1.0-4	0.75	1.00	4	1¼" x 1"		35	33	31	29	25	22	19
4	DBP 4/1.5-6	1.10	1.50	6	1¼" x 1"		52	50	47	44	38	32	24

DBP - Horizontal Multistage Pumps

Performance

Single Phase 3000 RPM (Syn.) 50 Hz, Rated Voltage: 220V (+6%, -15%), Capacitor start and run motor

Three Phase 3000 RPM (Syn.) 50 Hz, Rated Voltage: 415V (+6% - 15%)

S.No.	Model	kW	HP	Stage	Pipe Size (inches)	Total Head in Meters	Discharge (m ³ /h)						
							0.7	1.2	1.8	2.4	3	3.6	4.2
1	DBP 2/0.5-3	0.37	0.50	3	1" x 1"		28	25	20	16	12	8	4
2	DBP 2/0.75-4	0.55	0.75	4	1" x 1"		37	33	27	22	17	11	6
3	DBP 2/1.0-5	0.75	1.00	5	1" x 1"		47	41	34	28	21	14	7

S.No.	Model	kW	HP	Stage	Pipe Size (inches)	Total Head in Meters	Discharge (m ³ /h)							
							1	2	3	4	5	6	7	8
1	DBP 4/0.75-3	0.55	0.75	3	1¼" x 1"		31	29	26	22	18	14	9	4
2	DBP 4/1.00-4	0.75	1.00	4	1¼" x 1"		40	37	33	29	24	18	12	5
3	DBP 4/1.25-5	0.93	1.25	5	1¼" x 1"		50	49	44	39	33	25	16	8



DPP Series - Swimming Pool Pumps

Performance: Three Phase, 3000 RPM (Syn.), 50 Hz, Rated Voltage: 415V (+6% - 15%)

S.No.	Model	kW	HP	Pipe Size	Total Head in Meters	Discharge in LPM						
						100	150	250	350	450	500	550
1	DPP 15	1.00	1.50	2½" x 2½"		18	17	16	14	10	7	
2	DPP 20	1.50	2.00	2½" x 2½"		19	18	17	15	11	9	7
3	DPP 30	2.20	3.00	2½" x 2½"		22	21	20	18	16	13	8



DVM (S, C, NE) - Vertical Multistage Pumps

Performance

Single Phase, 3000 RPM (Syn.), 50 Hz, Rated Voltage: 220 V (+6%, -15%); 1.0 - 3.0 HP

Three Phase, 3000 RPM (Syn.), 50 Hz, Rated Voltage: 415 V (+6% - 15%)

S.No.	Model	kW	HP	Stage	Pipe Size (inches)	Total Head in Meters	Discharge (m ³ /h)							
							0.5	1	1.5	2	2.5	3	4	4.5
1	DVMNE 2/1.0-7	0.75	1.0	7	1" x 1"	Total Head in Meters	67	63	57	50	43	34	14	5
2	DVMNE 2/1.5-9	1.10	1.5	9	1" x 1"		96	90	80	70	60	48	20	8
3	DVMNE 2/1.5-11	1.10	1.5	11	1" x 1"		119	110	100	90	75	60	25	12
4	DVMNE 2/2.0-13	1.50	2.0	13	1" x 1"		125	117	115	102	87	70	31	15
5	DVMNE 2/2.0-15	1.50	2.0	15	1" x 1"		155	142	128	112	95	78	34	17
6	DVMNE 2/3.0-18	2.20	3.0	18	1" x 1"		186	170	152	130	110	88	38	19
7	DVMNE 2/3.0-22	2.20	3.0	22	1" x 1"		205	187	166	143	122	100	52	30

S.No.	Model	kW	HP	Stage	Pipe Size (inches)	Total Head in Meters	Discharge (m ³ /h)							
							0.5	1	1.5	2	2.5	3	4	4.5
1	DVMNE 4/1.0-4	0.75	1.0	4	1¼"x1¼"	Total Head in Meters	41	39	37	35	34	33	31	26
2	DVMNE 4/1.5-6	0.75	1.5	6	1¼"x1¼"		60	58	56	52	51	50	46	39
3	DVMNE 4/2.0-8	1.50	2.0	8	1¼"x1¼"		78	75	72	70	69	68	62	53
4	DVMNE 4/3.0-12	2.20	3.0	12	1¼"x1¼"		117	115	111	105	103	101	93	82



S.No.	Model	kW	HP	Stage	Pipe Size (inches)	Total Head in Meters	Discharge (m ³ /h)							
							1	1.2	1.6	2	2.4	2.8	3.2	3.5
1	DVMS 2/1.0-7	0.75	1.0	7	1" x 1"	Total Head in Meters	61	59	55	50	45	39	41	26
2	DVMS 2/1.5-11	1.10	1.5	11	1" x 1"		95	92	86	79	70	61	51	41
3	DVMS 2/2.0-13	1.50	2.0	13	1" x 1"		113	111	103	94	86	75	62	49
4	DVMS 2/2.0-15	1.50	2.0	15	1" x 1"		130	126	119	108	96	86	69	56
5	DVMS 2/3.0-18	2.20	3.0	18	1" x 1"		156	152	143	130	116	103	86	71
6	DVMS 2/3.0-22	2.20	3.0	22	1" x 1"		192	187	175	160	143	125	105	85
7	DVMS 2/4.0-26	3.00	4.0	26	1" x 1"		227	223	209	190	174	153	123	105

S.No.	Model	kW	HP	Stage	Pipe Size (inches)	Total Head in Meters	Discharge (m ³ /h)							
							1.5	2	3	4	5	6	7	8
1	DVMS 4/1.0-4	0.75	1.0	4	1¼" x 1¼"	Total Head in Meters	37	35	33	31	26	23	16	12
2	DVMS 4/1.5-6	1.10	1.5	6	1¼" x 1¼"		56	52	50	46	39	35	26	18
3	DVMS 4/2.0-8	1.50	2.0	8	1¼" x 1¼"		72	70	68	62	53	48	36	25
4	DVMS 4/3.0-12	2.20	3.0	12	1¼" x 1¼"		111	105	101	93	82	72	55	38
5	DVMS 4/4.0-14	3.00	4.0	14	1¼" x 1¼"		132	122	118	108	79	85	64	44
6	DVMS 4/4.0-16	3.00	4.0	16	1¼" x 1¼"		148	140	136	124	111	97	74	51
7	DVMS 4/5.0-19	3.70	5.0	19	1¼" x 1¼"		178	166	163	147	132	117	88	62
8	DVMS 4/5.0-22	3.70	5.0	22	1¼" x 1¼"		205	194	186	170	154	132	102	73

S.No.	Model	kW	HP	Stage	Pipe Size (inches)	Total Head in Meters	Discharge (m ³ /h)							
							5	6	7	8	9	10	11	12
1	DVMS 8/1.5-3	1.1	1.5	3	1½" x 1½"	Total Head in Meters			26	25	21	19	17	13
2	DVMS 8/2.0-4	1.5	2.0	4	1½" x 1½"		40	39	38	35	34	31	29	26
3	DVMS 8/3.0-6	2.2	3.0	6	1½" x 1½"		60	58	56	52	51	47	43	39
4	DVMS 8/4.0-8	3.0	4.0	8	1½" x 1½"		81	78	76	70	68	63	58	52
5	DVMS 8/5.0-10	3.7	5.0	10	1½" x 1½"		101	97	94	87	85	77	72	65
6	DVMS 8/7.5-14	5.5	7.5	14	1½" x 1½"		142	136	132	122	119	109	101	91
7	DVMS 8/7.5-16	5.5	7.5	16	1½" x 1½"		162	156	151	140	136	126	116	104
8	DVMS 8/10.0-20	7.5	10.0	20	1½" x 1½"		203	195	189	175	170	157	145	130

S.No.	Model	kW	HP	Stage	Pipe Size (inches)	Total Head in Meters	Discharge (m ³ /h)							
							8	10	12	14	16	18	20	22
1	DVMS 16/3.0-2	2.2	3.0	2	2" x 2"	Total Head in Meters	28	27	26	25	22	21	19	17
2	DVMS 16/4.0-3	3.0	4.0	3	2" x 2"		42	41	39	37	34	32	29	26
3	DVMS 16/5.0-4	3.7	5.0	4	2" x 2"		56	54	52	50	46	44	38	34
4	DVMS 16/7.5-6	5.5	7.5	6	2" x 2"		83	81	78	75	69	64	58	52
5	DVMS 16/10.0-8	7.5	10.0	8	2" x 2"		111	108	105	100	92	86	77	70
6	DVMS 16/15.0-10	11.0	15.0	10	2" x 2"		139	136	131	125	115	108	97	87
7	DVMS 16/15.0-12	11.0	15.0	12	2" x 2"		167	163	157	150	138	129	116	105
8	DVMS 16/20.0-14	15.0	20.0	14	2" x 2"		194	190	184	175	161	151	136	122
9	DVMS 16/20.0-16	15.0	20.0	16	2" x 2"		222	217	210	200	184	173	156	140

S.No.	Model	kW	HP	Stage	Pipe Size (inches)	Total Head in Meters	Discharge (m ³ /h)							
							14	18	20	22	24	26	28	30
1	DVMS 24/3.0-2	2.2	3.0	2	2" x 2"	Total Head in Meters	26	24	22	21	20	18	15	13
2	DVMS 24/5.0-3	3.7	5.0	3	2" x 2"		39	37	34	32	30	27	24	21
3	DVMS 24/7.5-5	5.5	7.5	5	2" x 2"		64	60	56	54	51	45	40	35
4	DVMS 24/10.0-7	7.5	10.0	7	2" x 2"		91	86	80	75	70	65	58	53
5	DVMS 24/15.0-10	11.0	15.0	10	2" x 2"		131	124	115	111	102	95	85	78
6	DVMS 24/20.0-14	15.0	20.0	14	2" x 2"		185	174	161	152	144	133	119	104
7	DVMS 24/25.0-17	18.5	25.0	17	2" x 2"		225	212	196	185	175	162	145	125

S.No.	Model	kW	HP	Stage	Pipe Size (inches)	Total Head in Meters	Discharge (m ³ /h)							
							16	20	24	28	32	36	40	
1	DVMS 32/5.0-2	3.7	5.0	2	2½" x 2½"	Total Head in Meters	36	34	32	29	27	23	18	
2	DVMS 32/7.5-3	5.5	7.5	3	2½" x 2½"		54	51	48	44	39	35	27	
3	DVMS 32/10.0-4	7.5	10.0	4	2½" x 2½"		72	68	65	59	53	47	37	
4	DVMS 32/15.0-6	11.0	15.0	6	2½" x 2½"		108	102	97	90	81	72	57	
5	DVMS 32/20.0-8	15.0	20.0	8	2½" x 2½"		144	137	129	120	109	97	76	
6	DVMS 32/25.0-10	18.5	25.0	10	2½" x 2½"		180	171	162	151	137	121	96	
7	DVMS 32/30.0-11	22.5	30.0	11	2½" x 2½"		196	188	178	166	151	134	105	
8	DVMS 32/40.0-12	30.0	40.0	12	2½" x 2½"		216	205	194	182	165	146	115	
9	DVMS 32/40.0-14	30.0	40.0	14	2½" x 2½"		252	239	227	212	193	171	135	
10	DVMS 32/40.0-15	30.0	40.0	15	2½" x 2½"		270	256	243	227	206	183	144	

S.No.	Model	kW	HP	Stage	Pipe Size (inches)	Total Head in Meters	Discharge (m ³ /h)							
							25	30	35	40	45	50	55	
1	DVMS 45/10.0-2	7.5	10.0	2	3" x 3"	Total Head in Meters	48	46	44	42	39	35	31	
2	DVMS 45/15.0-3	11.0	15.0	3	3" x 3"		71	69	66	63	58	53	47	
3	DVMS 45/20.0-4	15.0	20.0	4	3" x 3"		95	92	88	84	77	71	62	
4	DVMS 45/25.0-5	18.5	25.0	5	3" x 3"		118	115	110	105	97	89	78	
5	DVMS 45/30.0-6	22.5	30.0	6	3" x 3"		142	138	132	125	116	107	93	
6	DVMS 45/40.0-8	30.0	40.0	8	3" x 3"		189	184	176	167	154	143	124	
7	DVMS 45/50.0-10	37.5	50.0	10	3" x 3"		236	230	220	209	193	179	155	
8	DVMS 45/60.0-12	45.0	60.0	12	3" x 3"		283	276	264	251	233	215	186	

S.No.	Model	kW	HP	Stage	Pipe Size (inches)	Total Head in Meters	Discharge (m ³ /h)					
							30	40	50	60	70	80
1	DVMS 64/15.0-2	11.0	15.0	2	4" x 4"	Total Head in Meters	55	53	49	46	42	36
2	DVMS 64/25.0-3	18.5	25.0	3	4" x 4"		84	81	76	71	63	56
3	DVMS 64/30.0-4	22.5	30.0	4	4" x 4"		112	107	102	94	85	75
4	DVMS 64/40.0-5	30.0	40.0	5	4" x 4"		141	136	129	120	108	96
5	DVMS 64/50.0-6	37.5	50.0	6	4" x 4"		170	164	155	145	131	115
6	DVMS 64/60.0-7	45.0	60.0	7	4" x 4"		202	195	185	172	155	136
7	DVMS 64/60.0-8	45.0	60.0	8	4" x 4"		223	215	203	189	170	147

S.No.	Model	kW	HP	Stage	Pipe Size (inches)	Total Head in Meters	Discharge (m ³ /h)							
							45	50	60	70	80	90	100	110
1	DVMS 90/20.0-2	15.0	20.0	2	4" x 4"	Total Head in Meters	58	56	55	51	47	43	38	32
2	DVMS 90/30.0-3	22.5	30.0	3	4" x 4"		87	85	81	76	71	65	58	51
3	DVMS 90/40.0-4	30.0	40.0	4	4" x 4"		116	113	108	101	95	88	80	70
4	DVMS 90/50.0-5	37.5	50.0	5	4" x 4"		148	144	137	129	121	112	100	88
5	DVMS 90/60.0-6	45.0	60.0	6	4" x 4"		179	175	166	157	147	136	123	107

Pressure Boosting Systems

TECHNICAL FEATURES

Types of Systems	: Internal Multi VFD / External Multi VFD / Single VFD / Microprocessor Controlled
Types of Pumps	: Horizontal Multistage / Vertical Multistage / Submersible / Centrifugal
Power Rating	: 0.50 HP (0.37 kW) – 60 HP (45 kW) per pump
No. of Pumps	: Single – up to 6 Pumps in a System
Flow Range	: 1 – 120 m ³ /hr per pump
Pressure Range	: 1.5 – 15 Bar
Pressure Tank	: 24 / 60 / 100 / 200 / 300 / 500 Ltrs e-coat MS with replaceable bladder (EPDM bladder)
Manifolds	: Upto 4" in SS 304 5" – 8" in GI
Connectors & Valves	: Forged brass / SS 304 / Cast Iron
VFD Operation Mode	: Multi VFD / Cycle-based / Time-based / Switch over
Protection	: Phase failure, High / low Voltage, Dry run, Overload
Pressure Setting	: Constant / Cut-in - Cut-off
Types of Suction	: Flooded / Positive Suction for Vertical Multistage Pumps Negative (Upto 3 m max.) for Horizontal Multistage Pumps Negative (Upto 3 m max.) for Centrifugal Pumps Vertical / 45° max. inclined installation for Submersible Pumps



2+1 Vertical Pump
Multi VFD System



1+1 Vertical Pump
Multi VFD System

Also available in 3+1 Horizontal/Vertical Pump Multi VFD Systems

Range of Systems

BARRCO Series

DSPS Series Submersible Stainless Steel Sewage & Dewatering Pumps

Performance

Single Phase, 3000 RPM (Syn.), 50 Hz, Rated Voltage: 220 V (+6%, -15%),

Capacitor start and run motor, 0.5 HP to 2.0 HP

Three Phase, 3000 RPM (Syn.), 50 Hz, Rated Voltage: 415 V (+6% - 15%), 2.0 HP to 3.0 HP

S.No.	Model	Pipe Size (inches)	Power		Total Head in Meters											Max. soft soluble solid passage size (mm)	
			kW	HP	2	3	4	5	6	7	8	10	12	14			
					Discharge (m ³ /h)												
1	DSPS 40 - 0.5	1½"	0.37	0.5	18	15	12	9	6	3							40
2	DSPS 40 - 1.0	1½"	0.75	1.0	20	18	15	12	10	9	8	7					40
3	DSPS 40 - 1.5	1½"	1.10	1.5			25	23	21	19	16	10	3				40
4	DSPS 50 - 2.0	2"	1.50	2.0	38	35	32	29	26	23	20	14	4				50
5	DSPS 50 - 3.0	3"	2.20	3.0	62	58	54	50	46	42	37	28	19	6			50



DSPSG Series Stainless Steel Grinder Pumps

Performance

Single Phase, 3000 RPM (Syn.), 50 Hz, Rated Voltage: 220 V (+6%, -15%);

Capacitor start and run motor, 0.5 to 2.0 HP;

Three Phase, 3000 RPM (Syn.), 50 Hz, Rated Voltage: 415 V (+6% - 15%), 3.0 HP

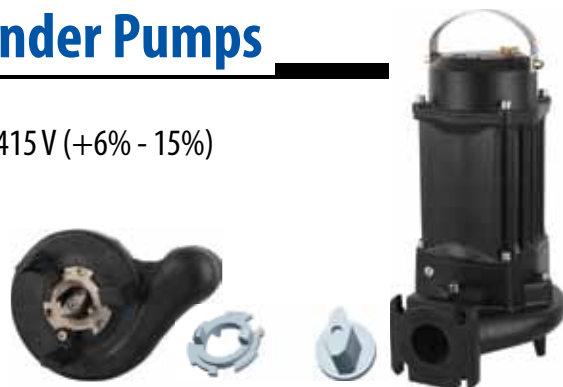
S.No.	Model	Pipe Size (inches) BSP	Power		Total Head in Meters											
			kW	HP	3	6	9	12	15	18	21	24	27			
					Discharge (m ³ /h)											
1	DSPSG 1.0	1½"	0.75	1.0	7	6	5	3	2							
2	DSPSG 1.5	1½"	1.10	1.5	9	8	6	5	4	2						
3	DSPSG 2.0	2"	1.5	2.0	11	10	9	7	6	5	4					
4	DSPSG 3.0	3"	2.2	3.0	12	11	10	9	8	7	6	5	4			



DSPG Series – Submersible Cast Iron Grinder Pumps

Performance: Three Phase, 3000 RPM (Syn.), 50 Hz, Rated Voltage: 415 V (+6% - 15%)

S.No.	Model	Pipe Size (inches) BSP	Power		Total Head in Meters						
			kW	HP	4	8	12	16	20	22	
					Discharge (m ³ /h)						
1	DSPG 1.00	2"	0.75	1.00	20	17	11				
2	DSPG 1.50	2"	1.10	1.50	22	20	17	12	4		
3	DSPG 2.00	2"	1.50	2.00	24	22	19	14	6	2	



BARRCO Series

DSS Series Submersible Pumps

Performance: Single Phase, 3000 RPM (Syn.), 50Hz, Rated Voltage: 220V (+6%, -15%); 0.5-2.0 hp;
 Three Phase, 3000 RPM (Syn.), 50Hz, Rated Voltage: 415V (+6%, -15%); 3.0 hp

S.No.	Model	Power		Pipe Size (inches)	Total Head in Meters						Impeller Passage (mm)	
		hp	kW		4	6	8	10	12	14		15
					Discharge in m ³ / hr							
1	DSS 20 - 0.5	0.5	0.37	1¼"	11	8						20
2	DSS 35 - 1.0	1.0	0.75	2"	19	14	6					35
3	DSS 35 - 1.5	1.5	1.1	2"	30	25	20	11				35
4	DSS 35 - 2.0	2.0	1.5	2"	36	33	27	21	10	3		35
5	DSS 35 - 3.0	3.0	2.2	2"	41	39	35	33	25	17	11	35

Grinder Series

S.No.	Model	Power		Pipe Size (inches)	Discharge in m ³ / hr								
		hp	kW		3	6	9	12	18	21	24	30	36
					Total Head in Meters								
1	DSSG - 1.0	1.0	0.75	2"	19	18	16	14	10	8	6		
2	DSSG - 2.0	2.0	1.5	2"	22	20	18	16	11	9	7		
3	DSSG - 3.0	3.0	2.2	2"	21	20	19	18	16	15	14	12	9



DSP & DSPC Series - Submersible Cast Iron Sewage & Sludge Pumps

Performance

Single Phase, 3000 - RPM (Syn.), 50Hz, Rated Voltage: 220V (+6%, -15%); 1.0 - 1.5 HP
 Three Phase, 3000 - RPM (Syn.), 50Hz, Rated Voltage: 415V (+6% - 15%); 1.0 - 10 HP

S.No.	Model	Pipe Size (inches)	Power		Total Head in Meters								Max. soft soluble solid passage size (mm)	
			kW	HP	6	9	12	15	18	21	24	27		30
					Discharge (m ³ /h)									
1	DSP 40 - 1.0	2"	0.75	1.0	20	12	2							40
2	DSP 40 - 1.5	2"	1.1	1.5	25	18	10							40
3	DSP 45 - 2.0	3"	1.5	2.0	42	36	27	16						45
4	DSP 45 - 3.0	3"	2.2	3.0	45	39	33	23	7					45
5	DSP 50 - 5.0	4"	3.7	5.0	60	57	48	36	23	6				50
6	DSP 50 - 7.5	4"	5.5	7.5	62	61	59	58	51	42	33	17		50
7	DSP 50 - 10.0	4"	7.5	10.0	65	64	63	62	61	57	50	41	23	50



Cutter Series

Performance : Three Phase, 3000 - RPM (Syn.), 50Hz, Rated Voltage: 415V (+6% - 15%); 1.0 - 10 HP

S.No.	Model	kW	hp	Pipe Size in mm	Discharge (m ³ /h)												Max. soft soluble solid passage size (mm)		
					4	7	11	14	18	21	25	29	32	36	50	65		79	130
					Total Head in Meters														
1	DSPC 40 - 1.0	0.75	1.0	50	11	10	9	7									40		
2	DSPC 40 - 1.5	1.1	1.5	50	14	13	12	11	8	7							40		
3	DSPC 40 - 2.0	1.5	2.0	65	16	15	14	13	12	10	8	7					40		
4	DSPC 40 - 3.0	2.2	3.0	65	18	17	16	15	15	14	13	11	10	9			40		
5	DSPC 50 - 5.0	3.7	5.0	80	22	22	21	20	19	18	18	17	16	15	12		50		
6	DSPC 50 - 7.5	5.5	7.5	100	26	25	25	24	24	23	22	22	21	20	18	14	50		
7	DSPC 35 - 10.0	7.5	10.0	65	44	44	43	43	42	40	38	37	36	34	26	15	35		
8	DSPC 50 - 10.0	7.5	10.0	100	32	31	31	30	30	29	28	28	28	27	24	21	18	14	



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