



C.R.I. PUMPS

Pumping trust. Worldwide.



AGRICULTURAL PUMPS





150mm Borewell Submersible Pumpsets DELMA Series

CRI 150 mm Borewell Submersible Pumpsets are powered by water filled, rewindable submersible motor suitable for continuous duty. The stator is wound with special water proof synthetic film insulated copper winding wires and made up of low watt loss silicon steel laminations assembled under pressure and rigidly locked in stainless steel stator shell. T-Bolt design in all motor ensures rigid construction. Optimal design of impellers and diffusers offers best possible hydraulic efficiency. Built-in check valve prevents back flow and reduces the risk of water hammering.

SALIENT FEATURES

- Optimized hydraulic design for efficient performance
- Specially designed thrust bearing to withstand high axial load
- T-Bolt design motor ensures rigid construction
- Smooth surface finish results friction free flow of fluid
- Designed for wide voltage applications
- SS 304 grade stainless steel stage casings and impellers in radial flow series
- Horizontal application model available

APPLICATION

- Agriculture • Domestic • Irrigation • Gardens • Civil & Industrial water supply • Rural Water Supply • Ponds • Firefighting
- Pressure boosting



SPECIFICATIONS

Power Range	1.5 kW - 22 kW (2 HP - 30 HP)
Speed	2900 rpm
Version	Single Phase 380 - 415V; Three Phase 200 - 240V; 50Hz, AC Supply
Maximum total head	516 metre
Maximum flow rate	22 lps (79.2 m³/h)
Maximum outer diameter	147 mm
Normal outlet size	50, 65, 80 & 100 mm
Degree of protection	IP 58
Direction of rotation	1Ph - Counter clockwise from driving end; 3Ph - Electrically Reversible
Thrust load	1.1 kW - 4.5 kW - 3500 lbs, 5.5 kW - 22 kW - 6000 lbs
Type of duty	S1 (Continuous)
Method of starting	3Ph - Direct Online (D.O.L) / Star Delta (SD)
Maximum starts per hour	20 times

More
Sprinklers
& More Coverage
Area

T-Bolt
Design

High
Durable

PERFORMANCE CHART

150mm BOREWELL SUBMERSIBLE PUMPSETS - DELMA Series

2900 RPM, At Rated Voltage – Single Phase 240 Volts, 50Hz, A.C. Supply, Three Phase 415 Volts, 50Hz, A.C. Supply.

RADIAL FLOW

Model	kW	HP	Stage	Outlet Size in mm	m ³ /hr lps	0	2	4	6	8	10	12	13.5
						0	0.55	1.11	1.66	2.22	2.77	3.33	3.75
S6R-09/05, CRI6R-09/02/05S-4	1.5	2	5	50	Head in Metres	48	44	40	35	30	23	16	9
S6R-09/07, CRI6R-09/02/07S-4	1.5	2	7	50		68	62	55	48	40	33	24	14
S6R – 09 / 08	2.2	3	8	50		69	63	56	48	39	30	18	5
S6R – 09 / 10	2.2	3	10	50		82	74	62	51	41	30	15	

Model	kW	HP	Stage	Outlet Size in mm	m ³ /hr lps	0	5	10	15	20	21.5
						0	1.38	2.77	4.16	5.55	5.97
S6R-15/04, CRI6R-15/02/04S-4	1.5	2	4	50	Head in Metres	35	34	30	23	13	10
S6R – 15 / 05	2.2	3	5	50		41	37	33	25	13	8
S6R – 15 / 06	2.2	3	6	50		47	43	37	26	13	8

NOTE : S6R - 09 & 15 are PP Impeller Models and CRI6R - 09 & 15 are Noryl Impeller Models.

Model	kW	HP	Stage	Outlet Size in mm	m ³ /hr lps	0	10.8	12.6	14.4	16.2	18	19.8	21.6	23.4	25.2	27	28.8
						0	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5	8
SR61/5/5*	3.7	5	5	50	Head in Metres	57	50	48	47	44	43	40	36	27	28	23	
SR61/6/6*	4.5	6	6	50		68	60	59	58	57	53	51	47	41	34	32	
SR61/7.5/8* - H	5.5	7.5	8	50		90	82	80	79	77	73	64	62	53	52	37	
SR61/10/10* - H	7.5	10	10	50		113	100	99	97	94	86	85	72	66	56	44	30
SR61/12.5/12* - H	9.3	12.5	12	50		135	121	118	115	112	107	102	92	86	60	58	48
SR61/15/15* - H	11	15	15	50		169	149	148	143	139	131	117	115	100	85	60	
SR61/15/16*	11	15	16	50		186	168	165	160	148	143	132	120	105	87	71	55
SR61/17.5/17*	13	17.5	17	50		194	180	176	172	165	162	149	137	123	107	88	63
SR61/20/20*	15	20	20	50		229	215	211	202	194	180	163	149	126	115	100	70

* Marked pumpsets are having ISI licence. H - Stands for Horizontal Model.

PERFORMANCE CHART

150mm BOREWELL SUBMERSIBLE PUMPSETS - DELMA Series

2900 RPM, At Rated Voltage – Single Phase 240 Volts, 50Hz, A.C. Supply, Three Phase 415 Volts, 50Hz, A.C. Supply.

													RADIAL FLOW	
Model	kW	HP	Stage	Outlet Size in mm	m³/hr	0	9	10.8	12.6	14.4	16.2	18	19.8	21.6
					DISCHARGE	0	2.5	3	3.5	4	4.5	5	5.5	6
SR62/3/4*	2.2	3	4	50	Head in Metres	44	39	37	34	32	28	25	20	15
SR62/5/6*	3.7	5	6	50		60	57	56	54	51	46	40	32	26
SR62/6/8*	4.5	6	8	50		95	78	73	68	63	57	51	43	33
SR62/7.5/10* - H	5.5	7.5	10	50		119	100	95	93	88	82	74	64	50
SR62/10/12* - H	7.5	10	12	50		136	125	121	117	111	103	95	75	54
SR62/12.5/15*	9.3	12.5	15	50		158	150	144	136	125	111	100	90	60
SR62/15/20*	11	15	20	50		235	197	189	180	170	157	139	117	90
SR62/20/25*	15	20	25	50		280	256	246	237	227	205	184	145	110

Model	kW	HP	Stage	Outlet Size in mm	m ³ /hr lps	0	7.2	9	10.8	12.6	14.4	16.2	18	Star Rating
						0	2	2.5	3	3.5	4	4.5	5	
SR63/3/5*	2.2	3	5	50	Head in Metres	59	53	50	47	42	34	23	11	2 Star
SR63/5/8*	3.7	5	8	50		90	86	82	76	68	57	46	35	
SR63/6/10*	4.5	6	10	50		106	105	101	93	82	69	55	38	2 Star
SR63/7.5/12*	5.5	7.5	12	50		127	120	115	109	96	84	70	47	
SR63/10/14	7.5	10	14	50		165	152	144	133	120	103	80	56	2 Star
SR63/10/16	7.5	10	16	50		172	160	151	142	129	108	94	65	
SR63/12.5/20	9.3	12.5	20	50		240	211	197	185	166	140	106	80	2 Star
SR63/20/30*	15	20	30	50		360	320	302	280	250	208	157	110	

PERFORMANCE CHART

150mm BOREWELL SUBMERSIBLE PUMPSETS - DELMA Series

2900 RPM, At Rated Voltage – Single Phase 240 Volts, 50Hz, A.C. Supply, Three Phase 415 Volts, 50Hz, A.C. Supply.

RADIAL FLOW													Star Rating	
Model	kW	HP	Stage	Outlet Size in mm	m ³ /hr	0	5.4	7.2	9	10.8	12.6	14.4		16.2
					lps	0	1.5	2	2.5	3	3.5	4		4.5
SR65/3/6*	2.2	3	6	50	Head in Metres	59	53	48	40	30	18	5		
SR65/5/10* - H	3.7	5	10	50		103	97	95	88	75	57	36	16	
SR65/6/12* - H	4.5	6	12	50		123	115	109	98	83	63	40	16	2 Star
SR65/7.5/14*	5.5	7.5	14	50		158	148	141	129	112	89	63	34	2 Star
SR65/7.5/16*	5.5	7.5	16	50		178	164	155	140	119	93	61	29	
SR65/10/20	7.5	10	20	50		205	198	193	179	156	124	84	39	2 Star
SR65/12.5/25*	9.3	12.5	25	50		258	232	230	228	199	159	110	56	2 Star
SR65/15/30*	11	15	30	50		333	276	274	268	230	182	122	54	2 Star
SR65/17.5/33*	13	17.5	33	50		332	325	318	304	270	225	165	80	
SR65/17.5/37*	13	17.5	37	50		372	345	335	299	250	190	128	88	
SR65/20/40*	15	20	40	50			414	362	338	303	257	198	132	63

Model	kW	HP	Stage	Outlet Size in mm	m ³ /hr lps	0	3.6	4.7	5.4	7.2	9	10.8	12.6	Star Rating
						0	1	1.3	1.5	2	2.5	3	3.5	
SR66/3/8* - H	2.2	3	8	50	Head in Metres	81	77	74	72	63	52	39	25	2 Star
SR66/5/12* - H	3.7	5	12	50		121	112	111	110	102	86	63	36	
SR66/6/15*	4.5	6	15	50		150	146	142	138	123	103	77	47	
SR66/7.5/18*	5.5	7.5	18	50		190	181	171	155	132	104	69	28	2 Star
SR66/7.5/20*	5.5	7.5	20	50		210	198	192	187	169	143	109	70	2 Star
SR66/10/25*	7.5	10	25	50		260	253	249	246	229	198	156	103	2 Star
SR66/12.5/30*	9.3	12.5	30	50		297	287	277	268	236	191	136	73	
SR66/12.5/33*	9.3	12.5	33	50		339	314	298	286	253	216	166	98	
SR66/15/38*	11	15	38	50		387	356	353	350	313	260	200	142	

PERFORMANCE CHART

150mm BOREWELL SUBMERSIBLE PUMPSETS - DELMA Series

2900 RPM, At Rated Voltage – Single Phase 240 Volts, 50Hz, A.C. Supply, Three Phase 415 Volts, 50Hz, A.C. Supply.

DISCHARGE													RADIAL FLOW
Model	kW	HP	Stage	Outlet Size in mm	m³/hr	0	2.7	3.6	4.7	5.4	7.2	9	Star Rating
					lps	0	0.75	1	1.3	1.5	2	2.5	
SR67/3/10*	2.2	3	10	50	Head in Metres	98	88	83	77	72	60	39	2 Star
SR67/5/15*	3.7	5	15	50		145	131	128	120	117	95	58	
SR67/5/17*	3.7	5	17	50		168	151	148	141	133	102	67	
SR67/6/18*	4.5	6	18	50		176	171	160	153	143	107	70	
SR67/6/20*	4.5	6	20	50		197	177	167	162	154	120	88	
SR67/7.5/25*	5.5	7.5	25	50		250	229	225	215	206	164	106	
SR67/10/30*	7.5	10	30	50		282	262	258	250	235	188	127	

Model	kW	HP	Stage	Outlet Size in mm	m ³ /hr lps	0	2.7	3.6	4.7	5.4	7.2	9	10.8	12.6
						0	0.75	1	1.3	1.5	2	2.5	3	3.5
S6G-08/3/10*	2.2	3	10	50	Head in Metres	98	88	83	77	72	60	39		
S6G-08/7.5/30	5.5	7.5	30	50		278	257	255	245	228	180	120		
S6G-08/12.5/40	9.3	12.5	40	50		391	361	352	339	323	275	198		
S6G-09/3/8*	2.2	3	8	50		81		77	74	72	63	52	39	25
S6G-09/5/12*	3.7	5	12	50		121		112	111	110	102	86	63	36

Model	kW	HP	Stage	Outlet Size in mm	m ³ /hr lps	0	5.4	7.2	9	10.8	12.6	14.4	16.2
						0	1.5	2	2.5	3	3.5	4	4.5
S6G-11/3/6*	2.2	3	6	50	Head in Metres	59	53	48	40	30	18	5	
S6G-11/5/10*	3.7	5	10	50		103	97	95	88	75	57	36	16
S6G-11/6/12*	4.5	6	12	50		123	115	109	98	83	63	40	16
S6G-11/7.5/14*	5.5	7.5	14	50		158	148	141	129	112	89	63	34

PERFORMANCE CHART

150mm BOREWELL SUBMERSIBLE PUMPSETS - DELMA Series

2900 RPM, At Rated Voltage – Single Phase 240 Volts, 50Hz, A.C. Supply, Three Phase 415 Volts, 50Hz, A.C. Supply.

RADIAL FLOW

Model	kW	HP	Stage	Outlet Size in mm	m ³ /hr lps	0	7.2	9	10.8	12.6	14.4	16.2	18
						0	2	2.5	3	3.5	4	4.5	5
S6G-14/3/5*	2.2	3	5	50	Head in Metres	59	53	50	47	42	34	23	11
S6G-14/5/8* - H	3.7	5	8	50		90	86	82	76	68	57	46	35
S6G-14/6/10* - H	4.5	6	10	50		106	105	101	93	82	69	55	38
S6G-14/7.5/12*- H	5.5	7.5	12	50		127	120	115	109	96	84	70	47
S6G-14/15/25*	11	15	25	50		261	250	237	220	194	165	122	88

Model	kW	HP	Stage	Outlet Size in mm	m ³ /hr lps	0	9	10.8	12.6	14.4	16.2	18	19.8	21.6
						0	2.5	3	3.5	4	4.5	5	5.5	6
S6G-18/3/4*	2.2	3	4	50	Head in Metres	44	39	37	34	32	28	25	20	15
S6G-18/5/6*	3.7	5	6	50		60	57	56	54	51	46	40	32	26
S6G-18/6/8*	4.5	6	8	50		95	78	73	68	63	57	51	43	33
S6G-18/7.5/10*	5.5	7.5	10	50		119	100	95	93	88	82	74	64	50
S6G-18/17.5/22*	13	17.5	22	50		266	242	231	220	212	192	172	140	121
S6G-18/25/34*	18.5	25	34	50		340	324	313	300	270	262	238	208	145

Model	kW	HP	Stage	Outlet Size in mm	m ³ /hr lps	0	9	10.8	12.6	14.4	16.2	18	19.8	21.6	23.4	25.2	27	28.8
						0	2.5	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5	8
S6G-22/5/5*	3.7	5	5	50	Head in Metres	57		50	48	47	44	43	40	36	27	28	23	
S6G-22/7.5/8*	5.5	7.5	8	50		90		82	80	79	77	73	64	62	53	52	37	

PERFORMANCE CHART

150mm BOREWELL SUBMERSIBLE PUMPSETS - DELMA Series

2900 RPM, At Rated Voltage – Single Phase 240 Volts, 50Hz, A.C. Supply, Three Phase 415 Volts, 50Hz, A.C. Supply.

RADIAL FLOW																							
Model	kW	HP	Stage	Outlet Size in mm	m ³ /hr	0	2.7	3.6	4.7	5.4	7.2	9	10.8	12.6	14.4	16.2	18	19.8	21.6	23.4	25.2	27	28.8
					lps	0	0.75	1	1.3	1.5	2	2.5	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5	8
WC6BA-08/05/20 SPL	3.7	5	20	50	Head in Metres	197	177	167	162	154	120	88											
WC6BA-08/7.5/30 SPL	5.5	7.5	30	50		278	257	255	245	228	180	120											
WC6BA-08/7.5/33 SPL	5.5	7.5	33	50		302	282	266	242	227	171	101											
WC6BA-08/10/33	7.5	10	33	50		322	290	287	270	254	204	145											
WC6BA-11/25/50	18.5	25	50	50		516				460	450	405	323	256	222	95							
WC6BA-14/17.5/30	13	17.5	30	50		327					288	271	242	219	174	105	54						
WC6BA-22/25/25	18.5	25	25	50		263							249	242	234	228	220	210	197	165	145	117	90

MIXED FLOW																								
Model	kW	HP	Stage	Outlet Size in mm	m ³ /hr	0	12.6	14.4	16.2	18	19.8	21.6	23.4	25.2	27	28.8	30.6	32.4	34.2	36	37.8	39.6	41.4	43.2
					lps	0	3.5	4	4.5	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10	10.5	11	11.5	12
SM60/3/3*	2.2	3	3	65	Head in Metres	30	26.5	26	25.5	25	24	23.5	23	22	21	20	19	18	17	16	15	13	12	10
SM60/5/5*	3.7	5	5	65		42	38.5	38	37	36.5	36	35	34	33	32	31	29	28	26	24	22	20	18	15
SM60/6/6*	4.5	6	6	65		52	47	46	45	44.5	44	43	42	40	39	37	36	34	32	30	28	25	23	20
SM60/7.5/8*	5.5	7.5	8	65		77	68	67	66	65	64	62	61	59	57	55	53	50	47	44	40	36	32	27
SM60/10/10*	7.5	10	10	65		93	84	82	81	79	77	75	73	71	69	67	64	61	58	54	51	46	42	36
SM60/12.5/12*	9.3	12.5	12	65		111	103	101	100	99	97	95	93	90	87	84	81	77	73	68	63	58	53	47
SM60/15/15*	11	15	15	65		139	124	123	121	119	117	114	112	109	106	103	98	94	90	85	79	73	56	49
SM61/5/4*	3.7	5	4	65		38	35.5	35	34.5	34	32.5	33	31.5	31	31	30	29	28	26	25	24	22	21	19
SM61/6/5*	4.5	6	5	65		51	47	46.5	46	45.5	45	44	42.5	43	42	40	39	38	37	36	34	33	30	29
SM61/7.5/6*	5.5	7.5	6	65		62	57	56	55.5	55	54	53.5	53	51	50	49	48	46	44	43	41	39	36	33
SM61/10/8*	7.5	10	8	65		79	73	73	72	71	70	68	67	66	64	62	60	58	54	52	49	46	43	39
SM61/12.5/10*	9.3	12.5	10	65		101	94	93	92	91	89	88	87	85	83	81	79	77	74	71	68	65	60	56
SM61/15/12*	11	15	12	65		121	111	110	108	107	104	102	101	98	95	93	90	87	84	80	76	72	63	58
SM61/17.5/14*	13	17.5	14	65		139	128	127	125	123	121	119	116	113	110	108	104	101	96	92	86	82	65	60
SM61/20/16*	15	20	16	65		153	141	140	139	138	137	134	131	127	121	116	109	103	95	85	76	66	67	62

PERFORMANCE CHART

150mm BOREWELL SUBMERSIBLE PUMPSETS - DELMA Series

2900 RPM, At Rated Voltage – Single Phase 240 Volts, 50Hz, A.C. Supply, Three Phase 415 Volts, 50Hz, A.C. Supply.

MIXED FLOW

Model	kW	HP	Stage	Outlet Size in mm	m ³ /hr	0	18	19.8	21.6	23.4	25.2	27	28.8	30.6	32.4	34.2	36	37.8	39.6	41.4	43.2	45	46.8
					lps	0	5	5.5	6.00	6.50	7.00	7.50	8.00	8.5	9	9.5	10	10.5	11	11.5	12	12.5	13
SM61-N/7.5/6	5.5	7.5	6	80	Head in Metres	66	60	59	58	57	55.5	53.5	52	50	48	45	42	39	36	32	28.5	25	21
SM61-N/20/16	15	20	16	80	Head in Metres	171	162	160	158	155.5	153	150.5	146.5	140	133.5	125	117.5	109.5	102	92.5	82.5	71	60

Model	kW	HP	Stage	Outlet Size in mm	m ³ /hr	0.0	16.6	25.6	31.0	32.4	33.1	37.1	40.7	43.9	47.2	50.4	53.6	58.3
					lps	0.0	4.6	7.1	8.6	9.0	9.2	10.3	11.3	12.2	13.1	14.0	14.9	16.2
SM61-N /25/20	18.5	25	20	80	Head in Metres	224	210	190	170	163	160	140	120	100	80	60	40	20

Model	kW	HP	Stage	Outlet Size in mm	m ³ /hr	0.0	9.7	19.4	25.6	29.5	32.0	34.9	38.5	40.0	41.0	43.2	45.4	47.2	49.3	52.9
					lps	0.0	2.7	5.4	7.1	8.2	8.9	9.7	10.7	11.1	11.4	12.0	12.6	13.1	13.7	14.7
SM61-N /30/25	22	30	25	80	Head in Metres	281	274	260	241	220	200	180	160	150	140	121	100	80	60	30

Model	kW	HP	Stage	Outlet Size in mm	m ³ /hr	0	21.6	25.2	28.8	32.4	34.2	36	37.8	39.6	43.2	46.8
					lps	0	6	7	8	9	9.5	10	10.5	11	12	13
SM62/5/3*	3.7	5	3	80	Head in Metres	35	31	30	28	26	25	24	23	21	18	15
SM62/6/4*	4.5	6	4	80		42	37	36	34	31	30	28	27	25	21	16
SM62/7.5/5*	5.5	7.5	5	80		56	49	46	44	41	39	37	35	32	27	20
SM62/10/6*	7.5	10	6	80		67	62	60	58	54	52	49	47	44	38	25
SM62/10/7*	7.5	10	7	80		75	69	66	62	58	55	52	49	46	38	27

PERFORMANCE CHART

150mm BOREWELL SUBMERSIBLE PUMPSETS - DELMA Series

2900 RPM, At Rated Voltage – Single Phase 240 Volts, 50Hz, A.C. Supply, Three Phase 415 Volts, 50Hz, A.C. Supply.

MIXED FLOW																								
Model	kW	HP	Stage	Outlet Size in mm	m³/hr lps	0	12.6	14.4	16.2	18	19.8	21.6	23.4	25.2	27	28.8	30.6	32.4	34.2	36	37.8	39.6	41.4	43.2
						0	3.5	4	4.5	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10	10.5	11	11.5	12
WA6BM-27/3/03	2.2	3	3	65	Head in Metres	30	26.5	26	25.5	25	24	23.5	23	22	21	20	19	18	17	16	15	13	12	10
S6M-27/5/5*	3.7	5	5	65		42	38	38	37	36	36	35	34	33	32	31	29	28	26	24	22	20	18	15
S6M-27/6/6*	4.5	6	6	65		52	47	46	45	44	44	43	42	40	39	37	36	34	32	30	28	25	23	20

Model	kW	HP	Stage	Outlet Size in mm	m ³ /hr lps	0	12.6	14.4	16.2	18	19.8	21.6	23.4	25.2	27	28.8	30.6	32.4	34.2	36	37.8	39.6	41.4	43.2
						0	3.5	4	4.5	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10	10.5	11	11.5	12
WC6BM-32/3/04 & WA6BM-32/3/04 SPL	2.2	3	4	65	Head in Metres	37	35	34	33	32	31	30	29	28	27	26	25	24	23	22	21	20	19	18
S6M-32/5/4*																								
WC6BM-32/5/4, WA6BM-32/5/4	3.7	5	4	65/85		38	35.5	35	34.5	34	33	32.5	32	31	31	30	29	28	26	25	24	22	21	19
S6M-32/6/5*	4.5	6	5	65		51	47	46.5	46	46	45	44	43	42.5	42	40	39	38	37	36	34	33	30	29
S6M-32/7.5/6*	5.5	7.5	6	65		62	56.5	56	55.5	55	54	53.5	53	51	50	49	48	46	44	43	41	39	36	33
WC6BM-32/25/20	18.5	25	20	65		202	183	178	173	169	165	162	159	157	154	150	146	138	128	114	97	72	68	63

PERFORMANCE CHART

150mm BOREWELL SUBMERSIBLE PUMPSETS - DELMA Series

2900 RPM, At Rated Voltage – Single Phase 240 Volts, 50Hz, A.C. Supply, Three Phase 415 Volts, 50Hz, A.C. Supply.

MIXED FLOW																
Model	kW	HP	Stage	Outlet Size in mm	m³/hr lps	0	21.6	25.2	28.8	32.4	34.2	36	37.8	39.6	43.2	46.8
						0	6	7	8	9	9.5	10	10.5	11	12	13
WA6BM-38/5/03	3.7	5	3	80	Head in Metres	35	31	30	28	26	25	24	23	21	18	15
WA6BM-38/6/04 LV	4.5	6	4	80		42	37	36	34	31	30	28	27	25	21	16
WA6BM-38/7.5/05	5.5	7.5	5	80		56	49	46	44	41	39	37	35	32	27	20
WA6BM-38/12.5/08	9.3	12.5	8	80		100	87	81	75	67	63	57	52	46	33	28
WC6BM-38/15/10	11	15	10	80		123	102	94	87	78	73	67	60	52	30	28
WC6BM-38/17.5/12	13	17.5	12	80		140	115	109	102	93	87	80	73	65	49	27
WC6BM-38/25/17	18.5	25	17	80		210	178	168	154	138	129	121	109	97	72	36

Model	kW	HP	Stage	Outlet Size in mm	m ³ /hr lps	0	21.6	25.2	28.8	32.4	34.2	36	37.8	39.6	43.2	46.8	50.4	54	57.6	61.2	64.8	68.4
						0	6	7	8	9	9.5	10	10.5	11	12	13	14	15	16	17	18	19
WA6BM-60/7.5/4	5.5	7.5	4	80/100	Head in Metres	48	40	38	37	35	34	33	32	31	30		25	22	19	15	12	
WA6BM-60/10/4	7.5	10	4	80		50				39	38.5	38	37	36	34	32	30	27	24	21	17	13
WA6BM-60/12.5/5	9.3	12.5	5	80		62				50	49	48	47	46	44	41	39	35	32	27	23	18
WA6BM-60/15/6	11	15	6	80		77				60	59	58	57	55	53	50	47	43	39	35	29	23
WC6BM-60/17.5/07	13	17.5	7	80		89				71	70	68	67	66	62	59	54	50	45	39	32	28
WC6BM-60/20/08	15	20	8	80		105				81	79	78	76	75	71	67	62	57	51	45	38	30
WC6BM-60/20/09	15	20	9	80		110				87	86	84	82	80	76	70	65	59	52	46	39	31
WC6BM-60/20/10	15	20	10	80		114			91	88	86	85	82	80	76	70	64	56	49	39	35	

LV design also available (180-415V)

PERFORMANCE CHART

150mm BOREWELL SUBMERSIBLE PUMPSETS - DELMA (Special) Series

2900 RPM, At Rated Voltage – Single Phase 240 Volts, 50Hz, A.C. Supply, Three Phase 415 Volts, 50Hz, A.C. Supply.

DISCHARGE																							MIXED FLOW		
Model	kW	HP	Stage	Outlet Size in mm	m ³ /hr	0	12.6	14.4	16.2	18	19.8	21.6	23.4	25.2	27	28.8	30.6	32.4	34.2	36	37.8	39.6	41.4	43.2	
					lps	0	3.5	4	4.5	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10	10.5	11	11.5	12	
S6M-32/7.5/8 (SPL)	5.5	7.5	8	65/80	Head in Metres	79	73	72.5	72	71	70	68	67	66	64	62	60	58	54	52	49	46	43	39	
S6M-32/10/10 (SPL)	7.5	10	10	65		101	94	93	92	91	89	88	87	85	83	81	79	77	74	71	68	65	60	56	
S6M-32/12.5/12 (SPL)	9.3	12.5	12	65		121	111	110	108	107	104	102	101	98	95	93	90	87	84	80	76	72	63	58	
WA6BM-32/3/04 (SPL)	2.2	3	4	65		38	35.5	35	34.5	34	33	32.5	32	31	31	30	29	28	26	25	24	22	21	19	
WA6BM-32/5/05 (SPL)	3.7	5	5	65		50		45	44	43	42	41	39	38	37	35	34	31	29	28	27				
WA6BM-32/6/06 (SPL)	4.5	6	6	65		62	56.5	56	55.5	55	54	53.5	53	51	50	49	48	46	44	43	41	39	36	33	

MIXED FLOW																					
Model	kW	HP	Stage	Outlet Size in mm	m³/hr DISCHARGE	0	21.6	25.2	28.8	32.4	34.2	36	37.8	39.6	43.2	46.8	50.4	54	57.6	61.2	64.8
						lps	0	6	7	8	9	9.5	10	10.5	11	12	13	14	15	16	17
S6M-38/7.5/6 (SPL)	5.5	7.5	6	65/80	Head in Metres	67	62	60	58	54	52	49	47	44	38	25					
WA6BM-38/5/04 (SPL)	3.7	5	4	80/100		45	36	33	31	29	27	26	24	22	21	19					
WA6BM-38/6/05 (SPL)	4.5	6	5	80		56	49	46	44	41	39	37	35	32	27	20					
WA6BM-60/7.5/04 (SPL) LV	5.5	7.5	4	80/100		48	40	38	37	35	34	33	32	31	30		25	22	19	15	12
WA6BM-60/10/5 (SPL)	7.5	10	5	80		62			47	45	44	43	42	41	38	35	32	29	26	23	20

LV design also available (180-415V)

PERFORMANCE CHART

150mm BOREWELL SUBMERSIBLE PUMPSETS - DELMA Sleek Series

2900 RPM, At Rated Voltage – Single Phase 240 Volts, 50Hz, A.C. Supply, Three Phase 415 Volts, 50Hz, A.C. Supply.

DISCHARGE																	RADIAL FLOW	
Model	kW	HP	Stage	Outlet Size in mm	m³/hr	0	3.6	4.5	5.4	6.3	7.2	8.1	9	9.9	10.8	11.7	12.6	13.5
						lps	0	1	1.25	1.5	1.75	2	2.25	2.5	2.75	3	3.25	3.5
WC6BL-8/3/08	2.2	3	8	50	Head in Metres	80	75	73	72	70	67	64	59	54	49	42	34	27
WC6BL-8/5/12	3.7	5	12	50		120	112.5	110	108	105	101.5	96	88.5	82	73.5	63.5	52	41.5
WC6BL-8/7.5/18	5.5	7.5	18	50		190	179	175	165	159	148	134	116	97.5	97.5	77	53.5	30

Model	kW	HP	Stage	Outlet Size in mm	m³/hr	0	21.6	25.2	28.8	32.4	34.2	36	37.8	39.6	43.2	46.8
						0	6	7	8	9	9.5	10	10.5	11	12	13
WC6BL-10/3/6	2.2	3	6	50	Head in Metres	74	72	70.5	68.5	66.5	62.5	55	44.5	34	21.5	5.5
WC5BL-10/7.5/15	5.5	7.5	15	50		170	164	161	157.5	155	147	135	113	93	66.5	37

DISCHARGE																RADIAL FLOW	
Model	kW	HP	Stage	Outlet Size in mm	m³/hr	0	10.8	12.6	14.4	16.2	18	19.8	21.6	23.4	25.2	27	28.8
					lps	0	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5	8
WC6BL-14/3/5	2.2	3	5	50	Head in Metres	57	56	55.5	54.5	54	51.5	49	46	41	35	27	17
WC6BL-14/5/08	3.7	5	8	50		85	83	82	81.5	80.5	78	76	70	63	56	45	30
WC6BL-14/6/10	4.5	6	10	50		106	104	103	102	101	98	95	88	79	70	58	43
WC6BL-14/7.5/12	5.5	7.5	12	50		134	131.5	130.5	128	126.5	122	116.5	108.5	94.5	78	59.5	39

Model	kW	HP	Stage	Outlet Size in mm	m³/hr	0	3.6	4.5	5.4	6.3	7.2	8.1	9	9.9	10.8	11.7	12.6	13.5
						0	1	1.25	1.5	1.75	2	2.25	2.5	2.75	3	3.25	3.5	3.75
WC6BL-16/3/4	2.2	3	4	65	Head in Metres	45	44.5	44	43.5	43	42.5	41.5	39.5	36	33	28.5	24	18.5
WC6BL-16/5/6	3.7	5	6	65		68	67	66.5	65.5	64	62	60	57	51.5	44	35.5	26	17
WC6BL-16/7.5/10	5.5	7.5	10	65		117	115	114	112.5	109	105	100	88	81	67	54	36.5	21

PERFORMANCE CHART

150mm BOREWELL SUBMERSIBLE PUMPSETS - DELMA Sleek Series

2900 RPM, At Rated Voltage – Single Phase 240 Volts, 50Hz, A.C. Supply, Three Phase 415 Volts, 50Hz, A.C. Supply.

DISCHARGE																	RADIAL FLOW	
Model	kW	HP	Stage	Outlet Size in mm	m³/hr lps	0	3.6	4.5	5.4	6.3	7.2	8.1	9	9.9	10.8	11.7	12.6	13.5
						0	1	1.25	1.5	1.75	2	2.25	2.5	2.75	3	3.25	3.5	3.75
WC6BL-23/3/3	2.2	3	3	65	Head in Metres	36	34.5	34	32.5	31.5	30	28.5	25.5	23	20.5	18.5	16.5	11
WC6BL-23/5/5	3.7	5	5	65		59	56	55	54	52.5	51	49	46	42	39	35	31	26
WC6BL-23/6/6	4.5	6	6	65		72	69	67.5	65	63	60	56	50	46.5	42	35	29.5	22.5
WC6BL-23/7.5/8	5.5	4.5	8	65		94	89	87.5	85.5	83	80	74	68	62	55	48	41.5	31.5

150mm BOREWELL SUBMERSIBLE PUMPSETS - DELMA Series Star Rating Models

2900 RPM, At Rated Voltage – Single Phase 240 Volts, 50Hz, A.C. Supply, Three Phase 415 Volts, 50Hz, A.C. Supply.



Model	kW	HP	Stage	Outlet Size in mm	m ³ /hr lps	0	5.4	7.2	9	10.8	12.6	14.4	16.2	Star Rating
						0	1.5	2	2.5	3	3.5	4	4.5	
CRI6R-11/3/6*	2.2	3	6	50	Head in Metres	59	53	48	40	30	18	5		3 Star
CRI6R-11/5/10*	3.7	5	10	50		103	97	95	88	75	57	36	16	3 Star
CRI6R-11/7.5/16*	5.5	7.5	16	50		178	164	155	140	119	93	61	29	3 Star
CRI6R-11/10/20*	7.5	10	20	50		205	198	193	179	156	124	84	39	3 Star
CRI6R-11/15/30*	11	15	30	50		333	276	274	268	230	182	122	54	3 Star
CRI6R-11/7.5/37*	13	17.5	37	50		372	345	335	299	250	190	128	88	3 Star
CRI6R-11/20/40*	15	20	40	50		414	362	338	303	257	198	132	63	3 Star

Model	kW	HP	Stage	Outlet Size in mm	m ³ /hr lps	0	7.2	9	10.8	12.6	14.4	16.2	18	Star Rating
						0	2	2.5	3	3.5	4	4.5	5	
CRI6R-14/10/14*	7.5	10	14	50	Head in Metres	165	152	144	133	120	103	80	56	3 Star
CRI6R-14/10/16*	7.5	10	16	50		172	160	151	142	129	108	94	65	3 Star
CRI6R-14/12.5/20*	9.3	12.5	20	50		240	211	197	185	166	140	106	80	3 Star

PERFORMANCE CHART

150mm BOREWELL SUBMERSIBLE PUMPSETS - DELMA Series Star Rating Models

2900 RPM, At Rated Voltage – Single Phase 240 Volts, 50Hz, A.C. Supply, Three Phase 415 Volts, 50Hz, A.C. Supply.



RADIAL FLOW															
Model	kW	HP	Stage	Outlet Size in mm	m³/hr	0	9	10.8	12.6	14.4	16.2	18	19.8	21.6	Star Rating
					lps	0	2.5	3	3.5	4	4.5	5	5.5	6	
CRI6R-18/5/6*	3.7	5	6	50	Head in Metres	60	57	56	54	51	46	40	32	26	3 Star
CRI6R-18/7.5/10*	5.5	7.5	10	50		119	100	95	93	88	82	74	64	50	3 Star
CRI6R-14/7.5/12*	7.5	10	12	50		136	125	121	117	111	103	95	75	54	3 Star

Model	kW	HP	Stage	Outlet Size in mm	m ³ /hr lps	0	10.8	12.6	14.4	16.2	18	19.8	21.6	23.4	25.2	27	28.8	Star Rating
						0	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5	8	
CRI6R-22/5/5*	3.7	5	5	50	Head in Metres	57	50	48	47	44	43	40	36	27	28	23		3 Star
CRI6R-22/7.5/8*	5.5	7.5	8	50		90	82	80	79	77	73	64	62	53	52	37		3 Star
CRI6R-22/10/10*	7.5	10	10	50		113	100	99	97	94	86	85	72	66	56	44	30	3 Star

MATERIAL OF CONSTRUCTION - PUMP

Part Name	Material
Check valve housing	Cast iron
Check valve seat	Nitrile butyl rubber
Diffuser chamber	SS 304, SS 410 & Cast iron
Impeller	SS 304 & SS 410
Suction inter connector	Cast iron
Inlet screen	SS 202
Pump shaft	SS 410 / 431
Cable guard	SS 202
Coupling	SS 410

MATERIAL OF CONSTRUCTION - MOTOR

Part Name	Material
Upper and lower housing	Cast iron
Stator shell	SS 304
Shaft	SS 410 & EN 9 with 304
Journal bushes	LTB - 4 & Carbon
Thrust assembly	SS 420 and Graphite carbon
Diaphragm	High nitrile butyl rubber



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