

4" SUBMERSIBLE PUMPS



Structural Characteristics

- ♦ Internally mounted mechanical seal
- ♦ Stainless steel body, thrust ring, Shaft, Strainer and Coupling
- ♦ Noryl impeller
- ♦ Works with control panel
- ♦ Carbon Bush Bearing
- ♦ Low power Consumption

Performance

Single Phase 3000 RPM (Syn.) 50 Hz, 220 - 240 V, 0.5 HP to 3.0 HP

Three Phase 3000 RPM (Syn.) 50 Hz, 415 V, 0.5 HP to 4.0 HP

R1-Series (Radial Flow)

S.No.	Product Name	Stages	Pipe Size (inches) BSP	Power		Total Head in Metres	Discharge in LPM						
				kW	HP		60	50	40	30	20	10	0
1	4R1 050	10	1-1/4"	0.37	0.5		7	21	31	44	53	61	65
2	4R1 075	15	1-1/4"	0.55	0.75		10	32	47	65	79	92	98
3	4R1 100	20	1-1/4"	0.75	1		13	42	62	87	105	122	130
4	4R1 150	30	1-1/4"	1.1	1.5		19	60	89	125	151	176	187
5	4R1 200	40	1-1/4"	1.5	2		24	79	117	164	197	229	244

R2-Series (Radial Flow)

S.No.	Product Name	Stages	Pipe Size (inches) BSP	Power		Total Head in Metres	Discharge in LPM						
				kW	HP		95	70	50	30	20	10	0
1	4R2 050	6	1-1/4"	0.37	0.5		4	20	28	34	36	39	40
2	4R2 075	9	1-1/4"	0.55	0.75		5	29	42	51	54	58	60
3	4R2 100	12	1-1/4"	0.75	1		7	39	56	68	72	77	80
4	4R2 150	18	1-1/4"	1.1	1.5		10	57	82	100	106	113	118
5	4R2 200	24	1-1/4"	1.5	2		14	76	109	132	140	149	155
6	4R2 300	36	1-1/4"	2.2	3		20	109	156	190	201	215	223

R3-Series (Radial Flow)

S.No.	Product Name	Stages	Pipe Size (inches) BSP	Power		Total Head in Metres	Discharge in LPM						
				kW	HP		100	70	50	30	20	10	0
1	4R3 050	4	1-1/4"	0.37	0.5		3	16	21	26	28	29	30
2	4R3 075	7	1-1/4"	0.55	0.75		5	27	37	45	48	51	52
3	4R3 100	8	1-1/4"	0.75	1		5	31	42	52	55	58	60
4	4R3 100	9	1-1/4"	0.75	1		6	35	47	58	62	65	67
5	4R3 150	13	1-1/4"	1.1	1.5		9	51	68	84	90	94	97
6	4R3 200	18	1-1/4"	1.5	2		12	69	93	115	123	129	133
7	4R3 300	27	1-1/4"	2.2	3		17	102	137	169	180	189	195
8	4R3 400	36	1-1/4"	3	4		22	130	175	216	231	242	250

M1-Series (Mixed Flow)

S.No.	Product Name	Stages	Pipe Size (inches) BSP	Power		Total Head in Metres	Discharge in LPM						
				kW	HP		380	300	250	200	150	100	50
1	4M1 100	3	2"	0.75	1		4	8	10	11	13	14	16
2	4M1 150	4	2"	1.1	1.5		6	11	13	15	17	19	21
3	4M1 200	5	2"	1.5	2		7	14	16	19	21	24	26
4	4M1 300	7	2"	2.2	3		10	20	22	27	29	34	36
5	4M1 300	9	2"	2.2	3		12	25	29	34	37	43	46
6	4M1 400	10	2"	3	4		14	28	32	38	42	48	52