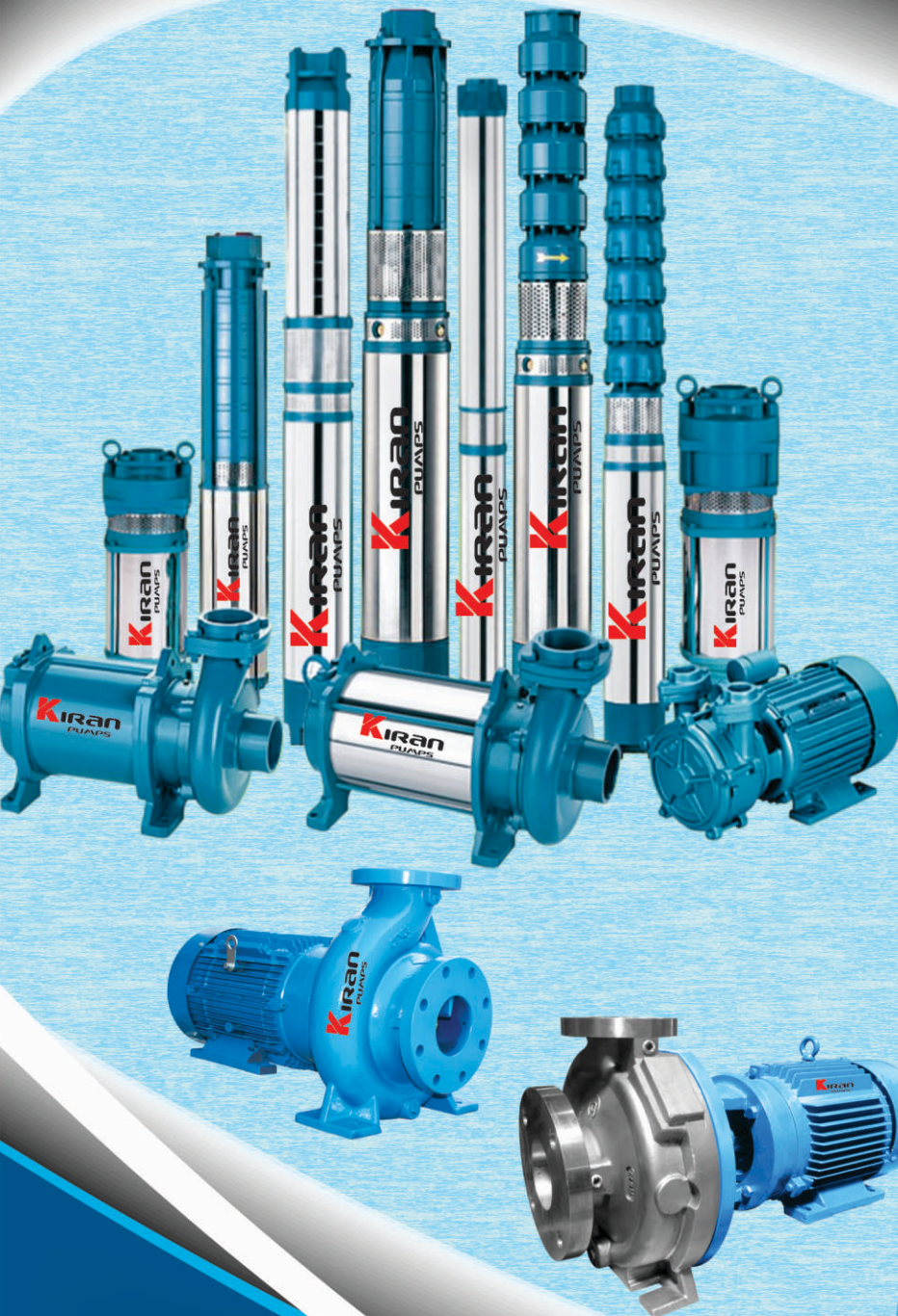


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Centrifugal Monobloc Pumps - Single Phase 220 V, 50Hz, 2800 rpm

Feature :

Light Weight, Back Pull out Design, Capacitor Start & Run Design, Class 'B' Insulation, Noiseless Function, Fitted with Thermal overload Protector.

Application :

Industrial & Residential Use, Small Irrigation, Gardening, High Rise Building, Distribution System.

Motor Size	Pipe Size		Total Head In Meters															
KW/HP	SUC X DEL		6	8	9	10	12	14	15	16	18	20	22	23	24	26	27	28
0.37/0.5	25 x 25	Discharge in lph	-	7800	7650	7400	7150	6400	5900	5150	4150	-	-	-	-	-	-	-
0.37/0.5	40 x 40		-	18000	17000	16000	11000	8000	-	-	-	-	-	-	-	-	-	-
0.75/1.0	32 x 25		-	-	-	-	12500	11300	10500	10000	8400	6700	3500	1700	-	-	-	-
0.75/1.0	40 x 40		-	-	-	-	-	-	15000	13500	12000	9500	4500	-	-	-	-	-
0.75/1.0	50 x 40		-	-	22000	20500	19500	17000	14000	12000	-	-	-	-	-	-	-	-
0.75/1.0	50 x 50		25200	24800	23000	20000	18000	-	-	-	-	-	-	-	-	-	-	-
1.1/1.5	40 x 32		-	-	-	-	-	-	-	-	14000	13500	12600	12100	11500	10000	8000	5000
1.1/1.5	40 x 40		-	-	-	-	18800	18500	17000	16000	14000	8600	5000	-	-	-	-	-
1.1/1.5	50 x 40		-	-	-	-	-	22400	22000	21500	19000	16000	9000	-	-	-	-	-
1.1/1.5	50 x 50		-	36100	33000	31000	26800	25000	23500	21000	-	-	-	-	-	-	-	-
1.1/1.5	65 x 50		-	-	-	29700	26800	22100	16000	-	-	-	-	-	-	-	-	-
1.5/2.0	50 x 40		-	-	-	-	-	-	-	15000	14500	13950	13800	13500	11700	7000	-	-
1.5/2.0	50 x 50		-	-	-	-	28000	27700	26600	25200	21700	18700	16900	12000	7000	-	-	-
1.5/2.0	65 x 50		-	-	-	-	34300	31500	30000	28700	24000	16000	-	-	-	-	-	-
1.5/2.0	75 x 65		53000	48000	40000	34000	28000	23000	-	-	-	-	-	-	-	-	-	-



Self Priming Monobloc / Mini Monobloc Pumps - Single Phase 220 V, 50Hz, 2800 rpm

Feature :

Light Weight, Aluminium extrusion body, Capacitor Start & Run design, Stainless Steel Shaft, Brass forged Impeller, Thermal overload Protector.

Application :

Domestic Water Pumping to over head tanks, Curing at Construction Sites, Fountains, Gardening, Home Pressure Boosting System.

Motor Size	Pipe Size		Total Head In Meters											
KW	HP	SUC X DEL	Discharge in lph	6	9	12	15	18	21	24	27	30	45	54
0.18	0.25	18 x 18	Discharge in lph	1850	1750	1400	1000	500	-	-	-	-	-	-
0.37	0.5	25 x 25		2400	2100	1800	1600	1450	1300	1150	1150	880	-	-
0.37	0.5	25 x 25		3400	3100	2800	2499	2100	1800	1500	1500	900	-	-
0.75	1.0	25 x 25		4800	4200	3900	3450	3150	2950	2700	2700	2100	1700	1400



Self Priming Pumps (DMS) (1440 RPM) - Single Phase 220 V, 50Hz

Feature :

The Volute is designed and machined for Maximum output, mechanical Seal, Stainless steel with stand wide voltage fluctuation (130 V - 240V)

Application :

Domestic Water Pumping to over head tanks, Curing at Construction Sites, Fountains, Gardening, Home Pressure Boosting System.

Model	Motor Size	Pipe Size		Total Head In Meters (Approx)									
	KW	HP	SUC X DEL	Discharge in lph	6	9	12	15	18	24	27	30	36
DMS 2	0.37	0.5	25 x 25	Discharge in lph	3200	2900	2400	2050	1620	1200	-	-	-
DMS 3	0.75	1.0	25 x 25		3960	3480	3240	3000	2640	1980	1860	1680	1560



Jet Pumps (Open Type) Single Phase 220 V, 50Hz, 2800 rpm

Feature :

Flange type pressure Control Valve, Gun metal Jet Assembly, Capacitor start & Design.

Application :

Suitable for both Bore well & Open wells, Domestic Water Supply, Gardening, Small Irrigation purpose.

Motor Size		Pipe Size			Min Clear Bore Dia in mm	Operating Pressure in kg/cm²	Total Head in Meters (Approx)							
KW	HP	Suc	Pre	Del			10	12	18	24	30	36	42	48
0.37	0.5	32	25	25	100	1.6/2.5	1860	1540	740	350	-	-	-	
0.75	1.0	32	25	25	100	0.8/3.6	-	-	2300	1770	900	550	-	
0.75	1.0	40	32	25	115	0.8/3.6	-	-	3130	2420	1390	920	-	
1.1	1.5	32	25	25	100	1.1/2.4	-	-	2080	1980	1700	1170	650	
1.1	1.5	40	32	25	115	1.1/3.0	-	-	2300	2250	2000	1480	1190	



Open Well Submersible Pumps Single Phase 220 V, 50Hz, 2800 rpm

Feature :

Water cooled winding, Easy rewindable, Low Power consumption, High Grade Cast - Iron Construction, works in very low voltage.

Application :

Open well/Sump, House & Apartments, Garden, Hostels, Fountains, Drip Irrigation, Dairies & Nurseries.

Motor Size	Pipe Size		Total Head In Meters											
KW/HPDEL	12		15	18	21	24	27	30	33	36	39	42	45	
2.2/3.0	50	Discharge in lph	700	450	350	230	-	-	-	-	-	-	-	-
3.7/5.0	50		-	850	720	650	450	400	-	-	-	-	-	-
3.7/5.0	50		-	-	-	700	650	600	525	450	-	-	-	-
3.7/5.0	65		1220	1100	1000	850	-	-	-	-	-	-	-	-
3.7/5.0	75		1500	1300	1020	-	-	-	-	-	-	-	-	-
5.5/7.5	50		-	-	-	-	800	760	730	700	600	-	-	-
5.5/7.5	65		-	-	-	1200	1120	950	815	800	-	-	-	-
5.5/7.5	75		-	1600	1380	1200	960	-	-	-	-	-	-	-
7.5/10	50		-	-	-	-	-	800	780	750	710	670	650	630
7.5/10	65		-	-	-	-	-	1250	1180	1150	1100	1030	-	-



Monobloc

Performance chart for Aqua Shine three phase (380 V) high speed monobloc (2800 RPM)

Model	H.P.	Pump-size	Discharge in lph	Total Head in Metres (Approx)																	
				6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40
ASH 02	2	50 x 40		-	-	-	-	-	350	340	315	275	240	185	-	-	-	-	-	-	-
ASH 03	2	50 x 50		-	-	510	505	490	460	400	320	-	-	-	-	-	-	-	-	-	-
ASH 10	3	50 x 40		-	-	-	-	-	365	360	350	335	315	270	210	120	-	-	-	-	-
ASH 11	3	50 x 40		-	-	-	-	475	470	465	460	450	380	-	-	-	-	-	-	-	-
ASH 12	3	65 x 50		-	-	-	715	670	625	570	500	420	320	-	-	-	-	-	-	-	-
ASH 14	3	75 x 65		-	900	890	840	750	580	-	-	-	-	-	-	-	-	-	-	-	-
ASH 20	5	50 x 40		-	-	-	-	-	-	-	-	-	-	-	-	430	420	418	410	400	385
ASH 21	5	65 x 50		-	-	-	-	640	635	630	625	620	600	-	-	-	-	-	-	-	-
ASH 22	5	65 x 50		-	-	-	-	-	710	705	700	695	690	655	535	-	-	-	-	-	-
ASH 22H	5	65 x 50		-	-	-	-	-	-	-	-	-	-	700	698	695	690	685	680	560	450
ASH 23	5	75 x 65		-	-	900	895	890	870	820	680	-	-	-	-	-	-	-	-	-	-
ASH 24	5	75 x 65		-	-	-	-	1010	1005	985	920	785	570	-	-	-	-	-	-	-	-
ASH 25	5	100 x 75		-	-	1220	1200	1140	1100	950	650	-	-	-	-	-	-	-	-	-	-
ASH 31	7.5	65 x 50		-	-	-	-	-	-	-	-	-	-	750	745	740	740	740	700	630	-
ASH 32	7.5	75 x 65		-	-	-	-	-	-	940	935	935	930	920	910	820	-	-	-	-	-
ASH 33	7.5	100 x 75		-	-	-	-	-	1770	1700	1600	1500	1320	1110	-	-	-	-	-	-	-
ASH 41	10	65 x 50		-	-	-	-	-	-	-	-	-	-	-	665	660	658	655	650	625	585
ASH 42	10	65 x 50		-	-	-	-	-	-	-	-	-	-	-	-	-	700	690	680	650	645
ASH 43	10	75 x 65		-	-	-	-	-	-	-	-	-	1095	1090	1085	1080	1070	1065	1030	-	-
ASH 44	10	100 x 75		-	-	-	-	-	-	-	-	-	1440	1300	1200	1000	-	-	-	-	-

Selection Table of 6" (150mm) Submersible Pumpsets

415 Volts, 50Hz, A.C. 2800 RPM

S.No	Pump Type	Stage	HP	Head in Metres	0	85	110	125	135	170	190	210	230	Out Let Pipe 50mm	
1.	AS 40	4	2		40	39	37	36	35	33	31	28	25		
2.	AS 25	6	3		60	58	55	54	53	50	47	42	37		
3.	AS 40	10	5		100	97	92	90	87	82	77	70	62		
4.	AS 50	12	6		120	117	111	108	99	96	85	84	75		
5.	AS 50	15	7.5	150	146	139	135	131	124	116	105	94			
S.No	Pump Type	Stage	HP	Head in Metres	0	110	140	165	175	220	255	275	310	Out Let Pipe 50mm	
6.	AS 60	5	3		50	48	46	45	43	41	38	35	32		
7.	AS 60	5	5		80	78	74	72	69	66	62	56	50		
8.	AS 60	10	6		100	96	93	90	87	83	77	70	63		
9.	AS 60	12	7.5		120	116	112	108	104	99	92	84	76		
10.	AS 60	16	10	160	155	149	144	139	133	128	112	101			
S.No	Pump Type	Stage	HP	Head in Metres	0	180	200	220	240	260	270	310	Out Let Pipe 50mm		
11.	AS 80	6	5		50	48	46	45	43	41	38	35			
12.	AS 80	10	7.5		80	78	74	72	69	66	62	56			
13.	AS 80	12	10		100	96	93	90	87	83	77	70			
14.	AS 80	15	12.5		120	116	112	108	104	99	92	84			
S.No	Pump Type	Stage	HP	Head in Metres	0	225	250	270	290	310	320	340	400	Out Let Pipe 50mm	
15.	AS 100	5	5		55	50	48	47	45	43	42	38	33		
16.	AS 100	6	6		62	60	58	51	48	42	39	36	32		
17.	AS 100	8	7.5		77	70	68	66	63	60	58	53	46		
18.	AS 100	10	10		110	100	97	93	90	86	83	76	66		
19.	AS 100	12	12.5		132	120	116	112	108	103	100	91	79		
20.	AS 100	15	15		165	150	146	140	135	129	125	114	99		
S.No	Pump Type	Stage	HP	Head in Metres	0	275	350	400	450	500	550	600	Out Let Pipe 50mm		
21.	AS 12	4	5		40	36	34	32	30	27	25	22			
22.	AS 12	5	6		50	45	42	40	37	34	31	27			
23.	AS 12	6	7.5		60	54	51	48	45	40	37	33			
24.	AS 12	8	10		80	72	68	64	60	54	50	44			
25.	AS 12	10	12.5		100	90	85	80	75	67	62	55			
26.	AS 12	12	15		120	108	102	96	90	81	75	66			
S.No	Pump Type	Stage	HP	Head in Metres	0	325	375	425	475	525	575	650	700	Out Let Pipe 50mm	
27.	AS 45	2	3		21	20	19	18	17	16	15	13	11		
28.	AS 45	4	6		42	40	38	36	34	32	30	26	22		
29.	AS 45	5	7.5		52	50	47	45	42	40	37	42	27		
30.	AS 45	7	10		73	70	66	63	59	56	52	45	38		
31.	AS 45	8	12.5		84	80	76	72	68	64	60	52	44		
S.No	Pump Type	Stage	HP	Head in Metres	0	600	730	840	880	900	925	1050	Out Let Pipe 50mm		
32.	AS 25	2	3		26	20	18	16	15	14	13	10			
33.	AS 25	4	7.5		52	40	36	32	30	28	26	20			
34.	AS 25	5	12.5		65	50	45	40	37	35	32	25			
35.	AS 25	6	15		78	60	54	48	45	42	39	30			



Selection Table of 4" (100mm) Submersible Pumpsets

220 Volts, 50Hz, A.C. 2800 RPM (Radil Flow)

ASV4C4 SERIES 20 FEET PER STAGE				DISCHARGE IN LPM					
Model	Motor		Pumps	DEL	30	45	60	75	90
	kW	HP	Stage	Inchs	HEAD IN METERS				
AS / 1	0.37	0.75	8	1 1/4"	34	29	23	17	09
AS / 2	0.75	1.0	12	1 1/4"	68	58	46	34	18
AS / 2	1.1	1.5	21	1 1/4"	102	87	69	51	27
AS / 2	1.5	2.0	25	1 1/4"	136	116	92	68	38

ASV4C2 SERIES 20 FEET PER STAGE					DISCHARGE IN LPM				
Model	Motor		Pumps	DEL	20	30	40	50	60
	kW	HP	Stage	Inchs	HEAD IN METERS				
AS C2 / 1	0.56	0.75	10	1"	50	43	30	16	8
AS C2 / 2	0.75	1.0	15	1"	94	80	57	30	14
AS C2 / 3	1.1	1.5	25	1"	138	117	84	44	21
AS C2 / 4	1.5	2.0	30	1"	175	150	106	56	26

ASV4 R1 & R2 SERIES 25 FEET PER STAGE					DISCHARGE IN LPM				
Model	Motor		Pumps	DEL	30	45	60	70	80
	kW	HP	Stage	Inchs	HEAD IN METERS				
AS R1 / 1	0.75	1.0	15	1"	275	230	220	170	150
AS R1 / 2	1.5	2.0	30	1"	330	280	275	192	160

ASV4 R3 & R4 SERIES 25 FEET PER STAGE					DISCHARGE IN LPM				
Model	Motor		Pumps	DEL	38	48	60	75	90
	kW	HP	Stage	Inchs	HEAD IN METERS				
AS R3 / 1	0.75	1.0	10	1 1/4"	70	55	43	31	16
AS R3 / 2	1.1	1.5	15	1 1/4"	107	82	68	55	27
AS R3 / 3	1.5	2.0	22	1 1/4"	146	120	86	72	32

Selection Table of 4" (100mm) Submersible Pumpsets Three Phase

415 Volts, 50Hz, A.C. 2800 RPM

ASV4C4 SERIES 20 FEET PER STAGE					DISCHARGE IN LPM				
Model	Motor		Pumps	DEL	30	45	60	75	90
	kW	HP	Stage	Inchs	HEAD IN METERS				
AS / 1	2.2	3.0	30	1 1/4"	156	144	128	102	56
AS / 2	3.0	4.0	35	1 1/4"	272	232	184	136	75
AS / 2	3.7	5.0	40	1 1/4"	220	190	180	150	96

ASV4C2 SERIES 20 FEET PER STAGE					DISCHARGE IN LPM				
Model	Motor		Pumps	DEL	20	30	40	50	60
	kW	HP	Stage	Inchs	HEAD IN METERS				
AS C2 / 1	3.7	3.0	35	1"	225	193	136	72	33
AS C2 / 2	4.5	5.0	45	1"	281	241	170	90	0

ASV4 R1 & R2 SERIES 25 FEET PER STAGE					DISCHARGE IN LPM				
Model	Motor		Pumps	DEL	30	45	60	70	80
	kW	HP	Stage	Inchs	HEAD IN METERS				
AS R1 / 1	2.25	3.0	35	1"	141	135	122	102	68
AS R1 / 2	3.7	5.0	40	1"	172	165	149	125	83
AS R1 / 3	4.5	6.0	45	1"	209	200	180	151	100
AS R1 / 4	5.6	7.0	50	1"	235	225	203	170	113

ASV4 R3 & R4 SERIES 25 FEET PER STAGE					DISCHARGE IN LPM				
Model	Motor		Pumps	DEL	38	48	60	75	90
	kW	HP	Stage	Inchs	HEAD IN METERS				
AS R3 / 1	3.7	5.0	30	1 1/4"	210	162	154	117	59
AS R3 / 2	2.2	6.0	35	1 1/4"	240	210	170	122	60
AS R3 / 3	5.6	7.5	40	1 1/4"	300	225	180	130	85

