





KIRLOSKAR BROTHERS LIMITED – DISTRIBUTION SECTOR Performance chart for KS4 - 100MM (4") water filled submersibles pumps at 220 Volts – Single Phase & 415 Volts – Three Phase at 50Hz.

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Sr.	Pump	Power	Outlet	STG	Full L	_oad	GPM	1.6	3.2	4.8	6.3	7.9	9.5	11.1
No.	Model	Rating	Size		Curi		LPM	6	12	18	24	30	36	42
		(kW / HP)	(mm)		1 Ø	3 Ø	LPS	0.1	0.3	0.4	0.5	0.6	0.7	0.8
		0.07/0.5		-	4.5		M³/Hr	0.36	0.72	1.08	1.44	1.8	2.16	2.52
1	KS4AN-0507	0.37/0.5	32	7	4.5	2.8	-	46	44	42	39	35	30	25
2	KS4AN-0810	0.55/0.75	32	10	6.0	2.8	HEAD IN METRES	65	63	60	55	50	43	36
3	KS4AN-1014	0.75/1	32	14	8.0	3.0		91	88	84	77	70	60	50
4	KS4AN-1016	0.75/1	32	16	8.0	3.0		104	101	96	88	80	69	58
5	KS4AN-1520	1.1/1.5	32	20	11	3.5		130	126	120	110	100	86	72
6	KS4AN-2025	1.5/2	32	25	14	4.5		163	158	150	138	125	108	90
7	KS4AN-3034	2.2/3	32	34	19	6.5	-	221	214	204	187	170	146	122
8	KS4AN-3040	2.2/3	32	40	19	6.5		260	252	240	220	200	172	144
	1	1										1		
Sr.	Pump	Power	Outlet	STG	Full Load		GPM	4.0	6.3	7.9	9.5	11.9	15.9	17.4
No.	Model	Rating	Size			rent	LPM	15	24	30	36	45	60	66
		(kW / HP)	(mm)		lø	3ø	LPS	0.25	0.4	0.50	0.60	0.75	1.00	1.10
					10	30	M³/Hr	0.9	1.44	1.8	2.16	2.7	3.6	3.96
1	KS4BN-0506	0.37 / 0.5	32	6	4.5	2.8	_	41	38	34	30	23	11	5
2	KS4BN-0809	0.55 / 0.75	32	9	6.0	2.8		62	57	51	45	34	16	7
3	KS4BN-1010	0.75 / 1	32	10	8.0	3.0		69	63	57	50	38	18	8
4	KS4BN-1012	0.75 / 1	32	12	8.0	3.0		83	76	68	60	46	22	10
5	KS4BN-1515	1.1 / 1.5	32	15	11	3.5		104	95	86	75	57	27	12
6	KS4BN-1516	1.1 / 1.5	32	16	11	3.5	HEAD IN METRES	110	101	91	80	61	29	13
7	KS4BN-1517	1.1 / 1.5	32	17	11	3.5	A E	117	107	97	85	65	31	14
8	KS4BN-2020	1.5 / 2	32	20	14	4.5	低低	138	126	114	100	76	36	16
9	KS4BN-2022	1.5 / 2	32	22	14	4.5	12	152	139	125	110	84	40	18
10	KS4BN-3030	2.2/3	32	30	19	6.5	-	207	189	171	150	114	54	24
11	KS4BN-3035	2.2/3	32	35	19	6.5	-	242	221	200	175	133	63	28
12	KS4BN-4045	3/4	32	45	23	8.5		311	284	257	225	171	81	36
13	KS4BN-5050	3.7 / 5	32	50	30	10.0	-	345	315	285	250	190	90	40
		1		1		1								
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Sr.	Pump	Power	Outlet	STG		Load	LPM	15	30	45	53	60	75	90
No.	Model	Rating (kW / HP)	Size			rent	LPS	0.3	0.5	0.8	0.9	1.0	1.3	1.5
			(mm)		lø	3Ø	M ³ /Hr	0.9	1.8	2.7	3.2	3.6	4.5	5.4
1	KS4C-0806	0.55 / 0.75	38	6	6.0	2.8		47	45	40	36	33		16
2	KS4C-1009				0.0	2.0							25	
		0.75/1		9	8.0	3.0	-		68	59			25 37	
1.3		0.75/1	38	9 10	8.0 11	3.0	-	70	68 75	59 66	54	50	37	23
3	KS4C-1510	1.1 / 1.5	38 38	10	11	3.5	-	70 78	75	66	54 60	50 55	37 41	23 26
4	KS4C-1510 KS4C-1512	1.1 / 1.5 1.1 / 1.5	38 38 38	10 12	11 11	3.5 3.5	-	70 78 94	75 90	66 79	54 60 72	50 55 66	37 41 49	23 26 31
4 5	KS4C-1510 KS4C-1512 KS4C-2014	1.1 / 1.5 1.1 / 1.5 1.5 / 2	38 38 38 38 38	10 12 14	11 11 14	3.5 3.5 4.5		70 78 94 109	75 90 105	66 79 92	54 60 72 84	50 55 66 77	37 41 49 57	23 26 31 36
4 5 6	KS4C-1510 KS4C-1512 KS4C-2014 KS4C-2016	1.1 / 1.5 1.1 / 1.5 1.5 / 2 1.5 / 2	38 38 38 38 38 38	10 12 14 16	11 11 14 14	3.5 3.5 4.5 4.5	D IN RES	70 78 94 109 125	75 90 105 120	66 79 92 106	54 60 72 84 96	50 55 66 77 88	37 41 49 57 66	23 26 31 36 42
4 5 6 7	KS4C-1510 KS4C-1512 KS4C-2014 KS4C-2016 KS4C-3020	1.1 / 1.5 1.1 / 1.5 1.5 / 2 1.5 / 2 2.2 / 3	38 38 38 38 38 38 38 38	10 12 14 16 20	11 11 14 14 19	3.5 3.5 4.5 4.5 6.5	EAD IN ETRES	70 78 94 109 125 156	75 90 105 120 150	66 79 92 106 132	54 60 72 84 96 120	50 55 66 77 88 110	37 41 49 57 66 82	23 26 31 36 42 52
4 5 6 7 8	KS4C-1510 KS4C-1512 KS4C-2014 KS4C-2016 KS4C-3020 KS4C-3022	1.1 / 1.5 1.1 / 1.5 1.5 / 2 1.5 / 2 2.2 / 3 2.2 / 3	38 38 38 38 38 38 38 38 38	10 12 14 16 20 22	11 11 14 14 19 19	3.5 3.5 4.5 4.5 6.5 6.5	HEAD IN METRES	70 78 94 109 125 156 172	75 90 105 120 150 165	66 79 92 106 132 145	54 60 72 84 96 120 132	50 55 66 77 88 110 121	37 41 49 57 66 82 90	23 26 31 36 42 52 57
4 5 6 7 8 9	KS4C-1510 KS4C-1512 KS4C-2014 KS4C-2016 KS4C-3020 KS4C-3022 KS4C-4030	1.1/1.5 1.1/1.5 1.5/2 1.5/2 2.2/3 2.2/3 3/4	38 38 38 38 38 38 38 38 38 38	10 12 14 16 20 22 30	11 11 14 14 19 19 23	3.5 3.5 4.5 4.5 6.5 6.5 8.5	HEAD IN METRES	70 78 94 109 125 156 172 234	75 90 105 120 150 165 225	66 79 92 106 132 145 198	54 60 72 84 96 120 132 180	50 55 66 77 88 110 121 165	37 41 49 57 66 82 90 123	23 26 31 36 42 52 57 78
4 5 6 7 8 9 10	KS4C-1510 KS4C-1512 KS4C-2014 KS4C-2016 KS4C-3020 KS4C-3022 KS4C-4030 KS4C-5035	1.1/1.5 1.1/1.5 1.5/2 1.5/2 2.2/3 2.2/3 2.2/3 3/4 3.7/5	38 38 38 38 38 38 38 38 38 38 38 38	10 12 14 16 20 22 30 35	11 11 14 14 19 19 23 30	3.5 3.5 4.5 6.5 6.5 8.5 10.0	HEAD IN METRES	70 78 94 109 125 156 172 234 273	75 90 105 120 150 165 225 263	66 79 92 106 132 145 198 231	54 60 72 84 96 120 132 180 210	50 55 66 77 88 110 121 165 193	37 41 49 57 66 82 90 123 144	23 26 31 36 42 52 57 78 91
4 5 6 7 8 9 10 11	KS4C-1510 KS4C-1512 KS4C-2014 KS4C-2016 KS4C-3020 KS4C-3022 KS4C-4030 KS4C-5035 KS4C-5038	1.1/1.5 1.1/1.5 1.5/2 1.5/2 2.2/3 2.2/3 2.2/3 3/4 3.7/5 3.7/5	38 38 38 38 38 38 38 38 38 38 38 38 38	10 12 14 16 20 22 30 35 38	11 11 14 14 19 19 23 30 30 30	3.5 3.5 4.5 6.5 6.5 8.5 10.0 10.0	HEAD IN METRES	70 78 94 109 125 156 172 234 273 296	75 90 105 120 150 165 225 263 285	66 79 92 106 132 145 198 231 251	54 60 72 84 96 120 132 180 210 228	50 55 66 77 88 110 121 165 193 209	37 41 49 57 66 82 90 123 144 156	23 26 31 36 42 52 57 78 91 99
4 5 6 7 8 9 10	KS4C-1510 KS4C-1512 KS4C-2014 KS4C-2016 KS4C-3020 KS4C-3022 KS4C-4030 KS4C-5035	1.1/1.5 1.1/1.5 1.5/2 1.5/2 2.2/3 2.2/3 2.2/3 3/4 3.7/5	38 38 38 38 38 38 38 38 38 38 38 38	10 12 14 16 20 22 30 35	11 11 14 14 19 19 23 30	3.5 3.5 4.5 6.5 6.5 8.5 10.0	HEAD IN METRES	70 78 94 109 125 156 172 234 273	75 90 105 120 150 165 225 263	66 79 92 106 132 145 198 231	54 60 72 84 96 120 132 180 210	50 55 66 77 88 110 121 165 193	37 41 49 57 66 82 90 123 144	23 26 31 36 42 52 57 78 91
4 5 6 7 8 9 10 11 12	KS4C-1510 KS4C-1512 KS4C-2014 KS4C-2016 KS4C-3020 KS4C-3022 KS4C-4030 KS4C-5035 KS4C-5038	1.1/1.5 1.1/1.5 1.5/2 1.5/2 2.2/3 2.2/3 2.2/3 3/4 3.7/5 3.7/5	38 38 38 38 38 38 38 38 38 38 38 38 38	10 12 14 16 20 22 30 35 38	11 11 14 14 19 19 23 30 30 30	3.5 3.5 4.5 6.5 6.5 8.5 10.0 10.0	HEAD	70 78 94 109 125 156 172 234 273 296 351	75 90 105 120 150 165 225 263 285 338	66 79 92 106 132 145 198 231 251 297	54 60 72 84 96 120 132 180 210 228 270	50 55 66 77 88 110 121 165 193 209 248	37 41 49 57 66 82 90 123 123 144 156 185	23 26 31 36 42 52 57 78 91 99 117
4 5 6 7 8 9 10 11 12 Sr.	KS4C-1510 KS4C-2014 KS4C-2016 KS4C-3020 KS4C-3022 KS4C-4030 KS4C-5035 KS4C-5038 KS4C-6045	1.1/1.5 1.1/1.5 1.5/2 1.5/2 2.2/3 2.2/3 3/4 3.7/5 3.7/5 4.5/6 Power	38 38 38 38 38 38 38 38 38 38 38 38 38 3	10 12 14 16 20 22 30 35 38	11 11 14 19 19 23 30 30 30 NA	3.5 3.5 4.5 6.5 6.5 8.5 10.0 10.0 12.0	HEAD	70 78 94 109 125 156 172 234 273 296 351 7.9	75 90 105 120 150 165 225 263 285 338 338	66 79 92 106 132 145 198 231 251 297 297	54 60 72 84 96 120 132 180 210 228 270 228 270	50 55 66 77 88 110 121 165 193 209 248 209 248	37 41 49 57 66 82 90 123 144 156 185 23.8	23 26 31 36 42 52 57 78 91 99 117 27.7
4 5 6 7 8 9 10 11 12	KS4C-1510 KS4C-2014 KS4C-2016 KS4C-3020 KS4C-3022 KS4C-4030 KS4C-5035 KS4C-5038 KS4C-6045	1.1/1.5 1.1/1.5 1.5/2 1.5/2 2.2/3 2.2/3 3/4 3.7/5 3.7/5 4.5/6 Power Rating	38 38 38 38 38 38 38 38 38 38 38 38 38 3	10 12 14 16 20 22 30 35 38 45	11 11 14 19 19 23 30 30 30 NA	3.5 3.5 4.5 6.5 6.5 8.5 10.0 10.0 12.0	GPM LPM	70 78 94 109 125 156 172 234 273 296 351 7.9 30	75 90 105 120 150 165 225 263 285 338 11.9 45	66 79 92 106 132 145 198 231 251 297 251 297 15.9 60	54 60 72 84 96 120 132 180 210 228 270 228 270 17.8 68	50 55 66 77 88 110 121 165 193 209 248 209 248 19.8 75	37 41 49 57 66 82 90 123 144 156 185 23.8 90	23 26 31 36 42 52 57 78 91 99 117 27.7 105
4 5 6 7 8 9 10 11 12 Sr.	KS4C-1510 KS4C-2014 KS4C-2016 KS4C-3020 KS4C-3022 KS4C-4030 KS4C-5035 KS4C-5038 KS4C-6045	1.1/1.5 1.1/1.5 1.5/2 1.5/2 2.2/3 2.2/3 3/4 3.7/5 3.7/5 4.5/6 Power	38 38 38 38 38 38 38 38 38 38 38 38 38 3	10 12 14 16 20 22 30 35 38 45	11 11 14 14 19 19 23 30 30 NA Full Cur	3.5 3.5 4.5 6.5 6.5 8.5 10.0 10.0 12.0	GPM LPM LPS	70 78 94 109 125 156 172 234 273 296 351 7.9 30 0.5	75 90 105 120 150 165 225 263 285 338 285 338 11.9 45 0.8	66 79 92 106 132 145 198 231 251 297 297 15.9 60 1.0	54 60 72 84 96 120 132 180 210 228 270 228 270 17.8 68 1.1	50 55 66 77 88 110 121 165 193 209 248 209 248 19.8 75 1.3	37 41 49 57 66 82 90 123 144 156 185 23.8 90 1.5	23 26 31 36 42 52 57 78 91 99 117 27.7 105 1.8
4 5 6 7 8 9 10 11 12 Sr. No.	KS4C-1510 KS4C-2014 KS4C-2016 KS4C-3020 KS4C-3022 KS4C-4030 KS4C-5035 KS4C-5038 KS4C-6045 Pump Model	1.1 / 1.5 1.1 / 1.5 1.5 / 2 1.5 / 2 2.2 / 3 2.2 / 3 3.7 / 5 3.7 / 5 4.5 / 6 Power Rating (KW / HP)	38 38 38 38 38 38 38 38 38 38 38 38 38 3	10 12 14 16 20 22 30 35 38 45 STG	11 11 14 14 19 19 23 30 30 NA Full Cur 1 Ø	3.5 3.5 4.5 6.5 6.5 8.5 10.0 10.0 12.0 Load rent 3 ø	GPM LPM	70 78 94 109 125 156 172 234 273 296 351 7.9 30 0.5 1.8	75 90 105 120 150 225 263 285 338 11.9 45 0.8 2.7	66 79 92 106 132 145 198 231 251 297 15.9 60 1.0 3.6	54 60 72 84 96 120 132 180 210 228 270 228 270 17.8 68 1.1 4.1	50 55 66 77 88 110 121 165 193 209 248 209 248 19.8 75 1.3 4.5	37 41 49 57 66 82 90 123 144 156 185 23.8 90 1.5 5.4	23 26 31 36 42 52 57 78 91 99 117 27.7 105 1.8 6.3
4 5 6 7 8 9 10 11 12 Sr. No.	KS4C-1510 KS4C-2014 KS4C-2016 KS4C-3020 KS4C-3022 KS4C-4030 KS4C-5035 KS4C-5038 KS4C-6045 Pump Model KS4D-1509	1.1 / 1.5 1.1 / 1.5 1.5 / 2 1.5 / 2 2.2 / 3 2.2 / 3 2.2 / 3 3 / 4 3.7 / 5 3.7 / 5 4.5 / 6 Power Rating (KW / HP) 1.1 / 1.5	38 38 38 38 38 38 38 38 38 38 38 38 38 3	10 12 14 16 20 22 30 35 38 45 STG 9	11 11 14 14 19 19 23 30 30 NA Full Cur 1 Ø 11	3.5 3.5 4.5 6.5 6.5 8.5 10.0 10.0 12.0 Load rent 3.0 3.5	GPM LPM LPS	70 78 94 109 125 156 172 234 273 296 351 7.9 30 0.5 1.8 66	75 90 105 120 150 225 263 285 338 11.9 45 0.8 2.7 58	66 79 92 106 132 145 198 231 251 297 15.9 60 1.0 3.6 47	54 60 72 84 96 120 132 180 210 228 270 228 270 17.8 68 1.1 4.1 4.1	50 55 66 77 88 110 121 165 193 209 248 209 248 19.8 75 1.3 4.5 34	37 41 49 57 66 82 90 123 144 156 185 23.8 90 1.5 5.4 22	23 26 31 36 42 52 57 78 91 99 117 27.7 105 1.8 6.3 9
4 5 6 7 8 9 10 11 12 Sr. No.	KS4C-1510 KS4C-2014 KS4C-2016 KS4C-3020 KS4C-3022 KS4C-4030 KS4C-5035 KS4C-5038 KS4C-6045 Pump Model KS4D-1509 KS4D-2010	1.1/1.5 1.1/1.5 1.5/2 1.5/2 2.2/3 2.2/3 3/4 3.7/5 3.7/5 4.5/6 Power Rating (kW/HP) 1.1/1.5 1.5/2	38 38 38 38 38 38 38 38 38 38 38 38 38 3	10 12 14 16 20 22 30 35 38 45 STG 9 10	11 11 14 14 19 19 23 30 30 NA Full Cur 1 Ø 11 14	3.5 3.5 4.5 6.5 6.5 8.5 10.0 10.0 12.0 Load rent 3 Ø 3.5 4.5	GPM LPM LPS	70 78 94 109 125 156 172 234 273 296 351 7.9 30 0.5 1.8 66 73	75 90 105 120 150 225 263 285 338 285 338 11.9 45 0.8 2.7 58 64	66 79 92 106 132 145 198 231 251 297 15.9 60 1.0 3.6 47 52	54 60 72 84 96 120 132 180 210 228 270 228 270 17.8 68 1.1 4.1 4.1 4.1	50 55 66 77 88 110 121 165 193 209 248 209 248 19.8 75 1.3 4.5 34 38	37 41 49 57 66 82 90 123 144 156 185 23.8 90 1.5 5.4 22 24	23 26 31 36 42 52 57 78 91 99 117 27.7 105 1.8 6.3 9 10
4 5 6 7 8 9 10 11 12 Sr. No. 1 2 3	KS4C-1510 KS4C-1512 KS4C-2014 KS4C-2016 KS4C-3020 KS4C-3022 KS4C-4030 KS4C-5035 KS4C-5038 KS4C-6045 Pump Model KS4D-1509 KS4D-2010 KS4D-3015	1.1/1.5 1.1/1.5 1.5/2 1.5/2 2.2/3 2.2/3 3/4 3.7/5 3.7/5 4.5/6 Power Rating (kW/HP) 1.1/1.5 1.5/2 2.2/3	38 38 38 38 38 38 38 38 38 38 38 38 38 3	10 12 14 16 20 22 30 35 38 45 STG 9 10 15	11 11 14 14 19 19 23 30 30 NA Full Cur 1 Ø 11 14 19	3.5 3.5 4.5 6.5 6.5 8.5 10.0 10.0 10.0 12.0 Load rent 3 Ø 3.5 4.5 6.5	GPM LPM LPS M³/Hr	70 78 94 109 125 156 172 234 273 296 351 7.9 30 0.5 1.8 66 73 110	75 90 105 120 150 225 263 285 338 285 338 11.9 45 0.8 2.7 58 64 96	66 79 92 106 132 145 198 231 251 297 15.9 60 1.0 3.6 47 52 78	54 60 72 84 96 120 132 180 210 228 270 228 270 17.8 68 1.1 4.1 4.1 4.1 45 68	50 55 66 77 88 110 121 165 193 209 248 209 248 19.8 75 1.3 4.5 34 38 57	37 41 49 57 66 82 90 123 144 156 185 23.8 90 1.5 5.4 22 24 36	23 26 31 36 42 52 57 78 91 99 117 27.7 105 1.8 6.3 9 10 15
4 5 6 7 8 9 10 11 12 Sr. No. 1 2 3 4	KS4C-1510 KS4C-2014 KS4C-2016 KS4C-3020 KS4C-3022 KS4C-4030 KS4C-5035 KS4C-5038 KS4C-6045 Pump Model KS4D-1509 KS4D-1509 KS4D-2010 KS4D-3015 KS4D-3017	1.1/1.5 1.1/1.5 1.5/2 1.5/2 2.2/3 2.2/3 3/4 3.7/5 3.7/5 4.5/6 Power Rating (kW / HP) 1.1/1.5 1.5/2 2.2/3 2.2/3 2.2/3	38 38 38 38 38 38 38 38 38 38 38 38 38 3	10 12 14 16 20 22 30 35 38 45 STG 9 10 15 17	11 11 14 14 19 19 23 30 30 NA Full Cur 1 Ø 11 14 19 19 19 19 19 19 19 19 19 19	3.5 3.5 4.5 6.5 6.5 8.5 10.0 10.0 12.0 Load rent 3 Ø 3.5 4.5 6.5 6.5	GPM LPM LPS M³/Hr	70 78 94 109 125 156 172 234 273 296 351 7.9 30 0.5 1.8 66 73 110 124	75 90 105 120 150 225 263 285 338 285 338 11.9 45 0.8 2.7 58 64 96 109	66 79 92 106 132 145 198 231 251 297 15.9 60 1.0 3.6 47 52 78 88	54 60 72 84 96 120 132 180 210 228 270 228 270 17.8 68 1.1 4.1 4.1 4.1 4.1 68 77	50 55 66 77 88 110 121 165 193 209 248 209 248 19.8 75 1.3 4.5 34 38 57 65	37 41 49 57 66 82 90 123 144 156 185 23.8 90 1.5 5.4 22 24 36 41	23 26 31 36 42 52 57 78 91 99 117 27.7 105 1.8 6.3 9 10 15 17
4 5 6 7 8 9 10 11 12 Sr. No. 1 2 3 4 5	KS4C-1510 KS4C-2014 KS4C-2014 KS4C-2016 KS4C-3020 KS4C-3022 KS4C-4030 KS4C-5035 KS4C-5038 KS4C-6045 Pump Model KS4D-1509 KS4D-2010 KS4D-2010 KS4D-3017 KS4D-4021	1.1/1.5 1.1/1.5 1.5/2 1.5/2 2.2/3 2.2/3 3/4 3.7/5 3.7/5 4.5/6 Power Rating (kW / HP) 1.1/1.5 1.5/2 2.2/3 2.2/3 3/4	38 38 38 38 38 38 38 38 38 38 38 38 38 Outlet Size (mm) 38 38 38 38 38 38 38 38	10 12 14 16 20 22 30 35 38 45 STG 9 10 15 17 21	11 11 14 14 19 19 23 30 30 NA Full Cur 1 Ø 11 14 19 19 23 30 30 NA	3.5 3.5 4.5 6.5 6.5 8.5 10.0 10.0 12.0 Load rent 3.0 4.5 6.5 6.5 6.5 8.5	GPM LPM LPS M³/Hr	70 78 94 109 125 156 172 234 273 296 351 7.9 30 0.5 1.8 66 73 110 124 153	75 90 105 120 150 225 263 285 338 11.9 45 0.8 2.7 58 64 96 109 134	66 79 92 106 132 145 198 231 251 297 15.9 60 1.0 3.6 47 52 78 88 109	54 60 72 84 96 120 132 180 210 228 270 17.8 68 1.1 4.1 45 68 77 95	50 55 66 77 88 110 121 165 193 209 248 209 248 19.8 75 1.3 4.5 34 38 57 65 80	37 41 49 57 66 82 90 123 144 156 185 23.8 90 1.5 5.4 22 24 36 41 50	23 26 31 36 42 52 57 78 91 99 117 27.7 105 1.8 6.3 9 10 15 17 21
4 5 6 7 8 9 10 11 12 Sr. No. 1 2 3 4 5 6	KS4C-1510 KS4C-2014 KS4C-2014 KS4C-2016 KS4C-3020 KS4C-3022 KS4C-4030 KS4C-5035 KS4C-5038 KS4C-6045 Pump Model KS4D-1509 KS4D-2010 KS4D-2010 KS4D-3015 KS4D-3017 KS4D-4021 KS4D-5025	1.1 / 1.5 1.1 / 1.5 1.5 / 2 2.2 / 3 2.2 / 3 3 / 4 3.7 / 5 3.7 / 5 3.7 / 5 4.5 / 6 Power Rating (KW / HP) 1.1 / 1.5 1.5 / 2 2.2 / 3 2.2 / 3 3 / 4 3.7 / 5	38 38 38 38 38 38 38 38 38 38 38 38 38 3	10 12 14 16 20 22 30 35 38 45 STG 9 10 15 17 21 25	11 11 14 14 19 19 23 30 30 NA Full Cur 1 Ø 11 14 19 19 23 30	3.5 3.5 4.5 6.5 6.5 8.5 10.0 10.0 12.0 Load rent 3 Ø 3.5 4.5 6.5 6.5 8.5 10.0	GPM LPM LPS M³/Hr	70 78 94 109 125 156 172 234 273 296 351 7.9 30 0.5 1.8 66 73 110 124 153 183	75 90 105 120 150 225 263 285 338 11.9 45 0.8 2.7 58 64 96 109 134 160	66 79 92 106 132 145 198 231 251 297 15.9 60 1.0 3.6 47 52 78 88 109 130	54 60 72 84 96 120 132 180 210 228 270 17.8 68 1.1 4.1 45 68 77 95 113	50 55 66 77 88 110 121 165 193 209 248 209 248 19.8 75 1.3 4.5 34 38 57 65 80 95	37 41 49 57 66 82 90 123 144 156 185 23.8 90 1.5 5.4 22 24 36 41 50 60	23 26 31 36 42 52 57 78 91 99 117 27.7 105 1.8 6.3 9 10 15 17 21 25
4 5 6 7 8 9 10 11 12 Sr. No. 1 2 3 4 5 6 7	KS4C-1510 KS4C-2014 KS4C-2016 KS4C-3020 KS4C-3022 KS4C-4030 KS4C-5035 KS4C-5038 KS4C-6045 Pump Model KS4D-1509 KS4D-1509 KS4D-2010 KS4D-3015 KS4D-3017 KS4D-4021 KS4D-5025 KS4D-5027	1.1 / 1.5 1.1 / 1.5 1.5 / 2 1.5 / 2 2.2 / 3 2.2 / 3 3.7 / 5 3.7 / 5 4.5 / 6 Power Rating (kW / HP) 1.1 / 1.5 1.5 / 2 2.2 / 3 2.2 / 3 2.2 / 3 3.7 / 5 3.7 / 5 3.7 / 5 3.7 / 5	38 38 38 38 38 38 38 38 38 38 38 38 38 3	10 12 14 16 20 22 30 35 38 45 STG 9 10 15 17 21 25 27	11 11 14 14 19 19 23 30 30 NA Full Cur 1 Ø 11 14 19 19 23 30 30 NA	3.5 3.5 4.5 6.5 6.5 8.5 10.0 10.0 12.0 Load rent 3.0 3.5 4.5 6.5 8.5 6.5 8.5 10.0 10.0	GPM LPM LPS	70 78 94 109 125 156 172 234 273 296 351 7.9 30 0.5 1.8 66 73 110 124 153 183 197	75 90 105 120 150 225 263 285 338 11.9 45 0.8 2.7 58 64 96 109 134 160 173	66 79 92 106 132 145 198 231 251 297 15.9 60 1.0 3.6 47 52 78 88 109 130 140	54 60 72 84 96 120 132 180 210 228 270 17.8 68 1.1 4.1 45 68 77 95 113 122	50 55 66 77 88 110 121 165 193 209 248 209 248 19.8 75 1.3 4.5 34 38 57 65 80 95 103	37 41 49 57 66 82 90 123 144 156 185 23.8 90 1.5 5.4 22 24 36 41 50 60 65	23 26 31 36 42 52 57 78 91 99 117 27.7 105 1.8 6.3 9 10 15 17 21 25 27
4 5 6 7 8 9 10 11 12 Sr. No. 1 2 3 4 5 6	KS4C-1510 KS4C-2014 KS4C-2014 KS4C-2016 KS4C-3020 KS4C-3022 KS4C-4030 KS4C-5035 KS4C-5038 KS4C-6045 Pump Model KS4D-1509 KS4D-2010 KS4D-2010 KS4D-3015 KS4D-3017 KS4D-4021 KS4D-5025	1.1 / 1.5 1.1 / 1.5 1.5 / 2 2.2 / 3 2.2 / 3 3 / 4 3.7 / 5 3.7 / 5 4.5 / 6 Power Rating (KW / HP) 1.1 / 1.5 1.5 / 2 2.2 / 3 2.2 / 3 2.2 / 3 3 / 4 3.7 / 5	38 38 38 38 38 38 38 38 38 38 38 38 38 3	10 12 14 16 20 22 30 35 38 45 STG 9 10 15 17 21 25	11 11 14 14 19 19 23 30 30 NA Full Cur 1 Ø 11 14 19 19 23 30	3.5 3.5 4.5 6.5 6.5 8.5 10.0 10.0 12.0 Load rent 3 Ø 3.5 4.5 6.5 6.5 8.5 10.0	GPM LPM LPS M³/Hr	70 78 94 109 125 156 172 234 273 296 351 7.9 30 0.5 1.8 66 73 110 124 153 183	75 90 105 120 150 225 263 285 338 11.9 45 0.8 2.7 58 64 96 109 134 160	66 79 92 106 132 145 198 231 251 297 15.9 60 1.0 3.6 47 52 78 88 109 130	54 60 72 84 96 120 132 180 210 228 270 17.8 68 1.1 4.1 45 68 77 95 113	50 55 66 77 88 110 121 165 193 209 248 209 248 19.8 75 1.3 4.5 34 38 57 65 80 95	37 41 49 57 66 82 90 123 144 156 185 23.8 90 1.5 5.4 22 24 36 41 50 60	23 26 31 36 42 52 57 78 91 99 117 27.7 105 1.8 6.3 9 10 15 17 21 25

Performance chart for KS4 - 100MM (4") water filled submersibles pumps at 220 Volts – Single Phase & 415 Volts – Three Phase at 50Hz.

Sr. No.	Pump	Power	Outlet Size	STG				GPM LPM				15.9 60	19.8 75	23.8 90	27.7 105	31.7 120	31.7	31.7 150
NO.	Model	Rating (kW / HP)				Currer		LPS		-	-	1	1.3	1.5	1.8	2	2	2
			(mm)		1	<i>•</i>	3ø	M ³ /H				3.6	4.5	5.4	6.3	7.2	7.2	7.2
1	KS4E-1004	0.75 / 1	38	4		8	3		3			29	27	24	21	18	14	10
2	KS4E-1506	1.1 / 1.5	38	6	1	1 ;	3.5	7 V.				43	40	36	32	26	21	15
3	KS4E-2008	1.5/2	38	8	1		4.5	HEAD IN	6			57	53	48	42	35	28	20
4	KS4E-3012	2.2/3	38	12	1		6.5	ΜĒ	9	2 8	9	86	80	71	63	53	41	30
5	KS4E-4016	3-Apr	38	16	2	3 8	3.5	ΞΞ	12	3 11	9	114	106	95	84	70	55	40
6	KS4E-5020	3.7 / 5	38	20	3	80	10		15	64 14	.9	143	133	119	105	88	69	50
7	KS4E-5021	3.7 / 5	38	21	3	80	10		16	62 15	6	150	140	125	110	92	72	53
8	KS4E-6025	4.5 / 6	38	25	3	6	12		19	3 18	6	179	166	149	131	110	86	63
9	KS4E-8030	5.5 / 7.5	38	30	N	IA 1	4.5		23	81 22	.4	215	200	179	158	132	104	75
Sr.	Dump	Bower		tlet ST ze	то	E 11	li Luau 📃		GPM	7.9	1	15.9	19.8	23.	8 2	7.7	31.7	39.6
No.	Pump Model	Power Rating			IG				PM	30		60	75	90	1	05	120	150
110.	Model	(kW / HF							LPS	0.5	-	1.0	1.3	1.5	5 1	.8	2.0	2.5
						1 Ø	3	Ø 🛛 🔊	∕l³/Hr	1.8	;	3.6	4.5	5.4	1 6	6.3	7.2	9.0
1	KS4F-2007	1.5 / 2	5	0	7	14	4.	5		44		41	38	35		31	27	18
2	KS4F-3010	2.2 / 3	5	0	10	19	6.	5	E S	63		59	55	50	4	14	39	25
3	KS4F-4014	3 / 4	5	0	14	23	8.	5 4		88		83	76	69	(62	55	35
4	KS4F-5018	3.7 / 5	5	0	18	30	10	0	METRI	113	1	106	98	89		79	70	45
5	KS4F-6021	4.5 / 6	5	0	21	NA	12	0 -	L 2	132	1	124	114	104	4 9	92	82	53
6	KS4F-8025	5.5 / 7.5	5	0	25	NA	14.	5		158	1	148	136	124	4 1	10	98	63
Sr.	Pump	Power	Ou	tlet S	TG	Full	Load	(GPM	15.9	2	23.8	31.7	35.	7 3	9.6	47.6	63.4
No.	Model	Rating	Si		. ~		rrent		PM	60		90	120	13	5 1	50	180	240
		(kW / HF				1ø	3	~	LPS	1.0		1.5	2.0	2.3	3 2	2.5	3.0	4.0
						10	3	۶ N	1³/Hr	3.6		5.4	7.2	8.1	9	9.0	10.8	14.4
1	KS4G-2008	1.5 / 2	5		8	14	4.	5	EN EN	52	_	48	42	39		36	29	14
2	KS4G-3011	2.2 / 3	5		11	19	6.	5 (IETRI	71	-	65	58	53		50	40	19
3	KS4G-4015	3/4	5		15	23	8.			97	-	89	80	73		68	55	26
4	KS4G-5017	3.7 / 5	5	0	17	30	10	0 -	īΣ	110		101	90	82		77	62	29
Sr.	Pump	Power	Ou	tlet S	TG	Full	Load		GPM	15.9	3	31.7	47.6	63.	4 7	9.3	95.1	111.0
No.	Model	Rating	Si				rrent	l	_PM	60	_	120	180	240		00	360	420
		(kW / HF				lø	3		LPS	1.0		2.0	3.0	4.0) 5	5.0	6.0	7.0
						- 10		N	∕l³/Hr	3.6		7.2	10.8	14.	4 1	8.0	21.6	25.2
1	KS4H-2006	1.5 / 2	6		6	14	4.			30	-	27	24	21		17	12	6
2	KS4H-3007	2.2 / 3	6		7	19	6.			35	-	32	28	24		20	14	7
3	KS4H-3008	2.2 / 3	6		8	19	6.	5	2 00	40		36	32	28	_	22	16	8
4	KS4H-3009	2.2/3	6		9	19	6.	5	NIN SES	45		41	36	31	_	25	18	9
5	KS4H-4010	3/4	6		10	23	8.	5	METR	50		46	40	35		28	20	10
6	KS4H-4011	3/4	6		11	23	8.	5	ΪΞ	55		50	44	38	_	31	22	11
7	KS4H-5012	3.7 / 5	6		12	30	10.			60	-	55	48	41	_	34	24	12
8	KS4H-5014	3.7/5	6		14	30	10.			70		64	56	48		39	28	14
9	KS4H-6015	4.5/6	6		15	NA	12			75		68	60	52		12	30	15
10	KS4H-8020	5.5 / 7.5	6	o .	20	NA	14	C		100		91	80	69		56	40	20

Note.- KS4H series models also available with 50 mm Delivery size

APPLICATIONS

- Water use in
- Domestic and industrial water supply
- Moderate-sized fire-fighting systems
- · Sprinkler and drip irrigation systems
- Water boosting for high-rise buildings

	PRODUCT SNAPSHOT:										
	Range and	Technical Specification	Construction Material								
	Head	: 9 – 351 metres	Pump Housing	: Stainless Steel							
	Capacity	: 6 – 420 litres per minute	NRV	: Cast Iron							
S	Power Rating	: 0.37– 5.5 Kw / 0.5 – 7.5 HP	Suction Housing	: Cast Iron							
s	Voltage Range	: 160 to 240 Volts (Single Phase)	Impeller	: Noryl							
		280 to 440 Volts (Three Phase)	Diffuser	: Noryl							
	Motor	: Water-filled	Strainer	: Stainless Steel							



100 mm (4") Submersible Pumps

The Kirloskar KS4 series offer customers the power to select from over a hundred variants of 100 mm submersibles, suitable for both domestic and agricultural applications. Made primarily of stainless steel and cast iron, the KS4 pumps provide high resistance to abrasives and corrosive agents in the pumped water, leading to longer life of the pump. Innovations employed in the Kirloskar KS4 submersibles offer unique advantages of low power consumption and optimum efficiency, which translates into low operational costs and significant savings for customers. Wide voltage range operations, dynamically balanced rotating parts, and world-class electrical components altogether provide high durability and troublefree operation at all times.



Wide voltage range - to offset fluctuations

The motor is also designed to perform optimally within a wide input voltage range of 160 to 240 volts (single phase) and 280 to 440 volts (three phase) to offset voltage fluctuations.



Efficient and durable motor design

Anti-corrosive stainless steel body, world-class electrical components, and thermal resistant insulation ensure smooth operation and longer life of the motor.



Wide range of sizes for various usage

The KS4 series comprise a wide range of submersibles to fit virtually any application, with Power rating HP/kW = 0.5/0.37 to 7.5/5.5 & Head – 9 to 351 Mtrs.



State-of-the-art technology and high efficiency

Innovations employed in the pumps offer unique advantages of low power consumption and optimum efficiency, which translates into low operational costs and significant savings for customers.



Anti-corrosive materials and robust construction Stainless steel and cast iron construction provides high resistance

Stainless steel and cast iron construction provides high resistance to abrasives and corrosive agents in the pumped water, leading to longer life of the pump.



Dynamically balanced rotating parts

All rotating parts are dynamically balanced to ensure minimum vibration and protect components from damage during the pump's operation.



Replaceable wearing parts for extended life

All wearing parts within the pump are easily accessible and replaceable, and the motor can be easily rewound – thereby extending the life of the pump.

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