



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

Sr. No.	Pump Model	Power Rating	Outlet Size	STG	Full L Curi		GPM LPM	7.9 30	11.9 45	15.9 60	19.8 75	23.8	27.7 105	31.7
140.	Model	(kW/HP)	(mm)		l ø	3 Ø	LPS	0.5	0.8	1.0	1.3	1.5	1.8	2.0
		(1200 / 1 11 /	(11111)		1.0	3.5	M³/Hr	1.8	2.7	3.6	4.5	5.4	6.3	7.2
1	KS4E-2008	1.5 / 2	38	8	14	4.5		59	57	54	49	42	36	28
2	KS4E-3012	2.2 / 3	38	12	19	6.5	ZØ	89	85	80	73	64	54	42
3	KS4E-4016	3 / 4	38	16	23	8.5	HEAD IN METRES	118	114	107	98	85	72	56
4	KS4E-5020	3.7 / 5	38	20	30	10.0	EE	148	142	134	122	106	90	70
5	KS4E-6025	4.5 / 6	38	25	NA	12.0	ĪΣ	185	178	168	153	133	113	88
6	KS4E-8030	5.5 / 7.5	38	30	NA	14.5		222	213	201	183	159	135	105
Sr.	Dumn	Power Rating	Outlet Size	STG	Full Load Current		GPM	7.9	15.9	19.8	23.8	27.7	31.7	39.6
No.	Pump Model						LPM	30	60	75	90	105	120	150
140.	Model	(kW/HP)	(mm)				LPS	0.5	1.0	1.3	1.5	1.8	2.0	2.5
		(1200 / 1 11 /	(11111)		l ø	3 Ø	M³/Hr	1.8	3.6	4.5	5.4	6.3	7.2	9.0
1	KS4F-2007	1.5 / 2	50	7	14	4.5		44	41	38	35	31	27	18
2	KS4F-3010	2.2 / 3	50	10	19	6.5	ES	63	59	55	50	44	39	25
3	KS4F-4014	3/4	50	14	23	8.5		88	83	76	69	62	55	35
4	KS4F-5018	3.7 / 5	50	18	30	10.0	HEAD METRE	113	106	98	89	79	70	45
5	KS4F-6021	4.5 / 6	50	21	NA	12.0	ΙΣ	132	124	114	104	92	82	53
6	KS4F-8025	5.5 / 7.5	50	25	NA	14.5		158	148	136	124	110	98	63
C.	Divisors	Dayway	Outlet	СТС	E. III	l a a al	GPM	15.9	23.8	31.7	35.7	39.6	47.6	63.4
Sr. No.	Pump Model	Power Rating	Outlet Size	STG	-	Load rent	LPM	60	90	120	135	150	180	240
NO.	Model	(kW / HP)	(mm)				LPS	1.0	1.5	2.0	2.3	2.5	3.0	
					1 ~							2.5	3.0	4.0
		(, ,,	( ,		l ø	3 Ø			5.4					4.0
1	KS4G-2008	1.5 / 2	50	8	14	3 Ø	M³/Hr	3.6 52	5.4 48	7.2 42	8.1	9.0 36	10.8	14.4
1 2	KS4G-2008 KS4G-3011		, , , ,	8 11			M³/Hr	3.6		7.2	8.1	9.0	10.8	14.4
		1.5 / 2	50		14	4.5	M³/Hr	3.6 52	48	7.2 42	8.1 39	9.0 36	10.8 29	14.4
2	KS4G-3011	1.5 / 2 2.2 / 3	50 50	11	14 19	4.5 6.5	M³/Hr	3.6 52 71	48 65	7.2 42 58	8.1 39 53	9.0 36 50	10.8 29 40	14.4 14 19
3	KS4G-3011 KS4G-4015	1.5 / 2 2.2 / 3 3 / 4	50 50 50	11 15	14 19 23	4.5 6.5 8.5	M³/Hr	3.6 52 71 97	48 65 89	7.2 42 58 80	8.1 39 53 73	9.0 36 50 68	10.8 29 40 55	14.4 14 19 26
3 4	KS4G-3011 KS4G-4015 KS4G-5017	1.5 / 2 2.2 / 3 3 / 4 3.7 / 5	50 50 50 50	11 15 17	14 19 23 30	4.5 6.5 8.5 10.0	M³/Hr	3.6 52 71 97 110	48 65 89	7.2 42 58 80 90	8.1 39 53 73 82	9.0 36 50 68	10.8 29 40 55	14.4 14 19 26 29
2 3 4 Sr.	KS4G-3011 KS4G-4015 KS4G-5017	1.5 / 2 2.2 / 3 3 / 4 3.7 / 5	50 50 50 50	11 15	14 19 23 30	4.5 6.5 8.5 10.0	HEAD IN METRES	3.6 52 71 97	48 65 89 101	7.2 42 58 80	8.1 39 53 73	9.0 36 50 68 77	10.8 29 40 55 62	14.4 14 19 26
3 4	KS4G-3011 KS4G-4015 KS4G-5017	1.5 / 2 2.2 / 3 3 / 4 3.7 / 5 Power Rating	50 50 50 50 50 Outlet Size	11 15 17	14 19 23 30 Full Cur	4.5 6.5 8.5 10.0 Load	HEAD IN METRES	3.6 52 71 97 110	48 65 89 101 31.7	7.2 42 58 80 90 47.6	8.1 39 53 73 82 63.4	9.0 36 50 68 77 79.3	10.8 29 40 55 62 95.1	14.4 14 19 26 29
2 3 4 Sr.	KS4G-3011 KS4G-4015 KS4G-5017	1.5 / 2 2.2 / 3 3 / 4 3.7 / 5	50 50 50 50	11 15 17	14 19 23 30	4.5 6.5 8.5 10.0	M³/Hr HEAD IN GPM LPM	3.6 52 71 97 110 15.9 60	48 65 89 101 31.7 120	7.2 42 58 80 90 47.6 180	8.1 39 53 73 82 63.4 240	9.0 36 50 68 77 79.3 300	10.8 29 40 55 62 95.1 360	14.4 14 19 26 29 111.0 420 7.0
2 3 4 Sr.	KS4G-3011 KS4G-4015 KS4G-5017	1.5 / 2 2.2 / 3 3 / 4 3.7 / 5 Power Rating	50 50 50 50 50 Outlet Size	11 15 17	14 19 23 30 Full Cur	4.5 6.5 8.5 10.0 Load	M³/Hr HEAD IN GPM LPM LPS	3.6 52 71 97 110 15.9 60 1.0	48 65 89 101 31.7 120 2.0	7.2 42 58 80 90 47.6 180 3.0	8.1 39 53 73 82 63.4 240 4.0	9.0 36 50 68 77 79.3 300 5.0	10.8 29 40 55 62 95.1 360 6.0	14.4 14 19 26 29 111.0 420
2 3 4 Sr. No.	KS4G-3011 KS4G-4015 KS4G-5017 Pump Model	1.5 / 2 2.2 / 3 3 / 4 3.7 / 5 Power Rating (kW / HP)	50 50 50 50 50 Outlet Size (mm)	11 15 17 STG	14 19 23 30 Full I Cur	4.5 6.5 8.5 10.0 Load rent 3 Ø	M³/Hr HEAD IN GPM LPM LPS	3.6 52 71 97 110 15.9 60 1.0 3.6	48 65 89 101 31.7 120 2.0 7.2	7.2 42 58 80 90 47.6 180 3.0	8.1 39 53 73 82 63.4 240 4.0	9.0 36 50 68 77 79.3 300 5.0 18.0	10.8 29 40 55 62 95.1 360 6.0 21.6	14.4 14 19 26 29 111.0 420 7.0 25.2
2 3 4 Sr. No.	KS4G-3011 KS4G-4015 KS4G-5017 Pump Model KS4H-2006	1.5 / 2 2.2 / 3 3 / 4 3.7 / 5 Power Rating (kW / HP) 1.5 / 2	50 50 50 50 50 Outlet Size (mm)	11 15 17 STG	14 19 23 30 Full I Cur 1 Ø	4.5 6.5 8.5 10.0 Load rent 3 Ø 4.5	M³/Hr SHAPPING N3/Hr GPM LPS M³/Hr	3.6 52 71 97 110 15.9 60 1.0 3.6 30	48 65 89 101 31.7 120 2.0 7.2 27	7.2 42 58 80 90 47.6 180 3.0 10.8	8.1 39 53 73 82 63.4 240 4.0 14.4 21	9.0 36 50 68 77 79.3 300 5.0 18.0	10.8 29 40 55 62 95.1 360 6.0 21.6	14.4 19 26 29 111.0 420 7.0 25.2 6
2 3 4 Sr. No.	KS4G-3011 KS4G-4015 KS4G-5017 Pump Model KS4H-2006 KS4H-3007	1.5 / 2 2.2 / 3 3 / 4 3.7 / 5 Power Rating (kW / HP) 1.5 / 2 2.2 / 3	50 50 50 50 50 Outlet Size (mm) 65 65	11 15 17 STG	14 19 23 30 Full I Cur 1 Ø 14 19	4.5 6.5 8.5 10.0 Load rent 3 Ø 4.5 6.5	M³/Hr SI HEAD IN GbW LbW TbS W³/Hr	3.6 52 71 97 110 15.9 60 1.0 3.6 30 35	48 65 89 101 31.7 120 2.0 7.2 27 32	7.2 42 58 80 90 47.6 180 3.0 10.8 24 28	8.1 39 53 73 82 63.4 240 4.0 14.4 21 24	9.0 36 50 68 77 79.3 300 5.0 18.0 17 20	95.1 360 6.0 21.6 12	14.4 19 26 29 111.0 420 7.0 25.2 6
2 3 4 Sr. No.	KS4G-3011 KS4G-4015 KS4G-5017 Pump Model KS4H-2006 KS4H-3007 KS4H-3008	1.5 / 2 2.2 / 3 3 / 4 3.7 / 5 Power Rating (kW / HP) 1.5 / 2 2.2 / 3 2.2 / 3	50 50 50 50 50 Outlet Size (mm) 65 65	11 15 17 STG	14 19 23 30 Full I Cur 1 Ø 14 19	4.5 6.5 8.5 10.0 Load rent 3 Ø 4.5 6.5	M³/Hr SI HEAD IN GbW LbW TbS W³/Hr	3.6 52 71 97 110 15.9 60 1.0 3.6 30 35 40	48 65 89 101 31.7 120 2.0 7.2 27 32 36	7.2 42 58 80 90 47.6 180 3.0 10.8 24 28 32	8.1 39 53 73 82 63.4 240 4.0 14.4 21 24 28	9.0 36 50 68 77 79.3 300 5.0 18.0 17 20 22	10.8 29 40 55 62 95.1 360 6.0 21.6 12 14	14.4 19 26 29 111.0 420 7.0 25.2 6 7
2 3 4 Sr. No.	KS4G-3011 KS4G-4015 KS4G-5017 Pump Model KS4H-2006 KS4H-3007 KS4H-3008 KS4H-3009	1.5 / 2 2.2 / 3 3 / 4 3.7 / 5 Power Rating (kW / HP) 1.5 / 2 2.2 / 3 2.2 / 3 2.2 / 3	50 50 50 50 <b>Outlet</b> <b>Size</b> (mm) 65 65 65	11 15 17 <b>STG</b> 6 7 8 9	14 19 23 30 Full I Cur 1 Ø 14 19 19	4.5 6.5 8.5 10.0 Load rent 3 Ø 4.5 6.5 6.5	M³/Hr SI HEAD IN GbW LbW TbS W³/Hr	3.6 52 71 97 110 15.9 60 1.0 3.6 30 35 40	48 65 89 101 31.7 120 2.0 7.2 27 32 36 41	7.2 42 58 80 90 47.6 180 3.0 10.8 24 28 32	8.1 39 53 73 82 63.4 240 4.0 14.4 21 24 28 31	9.0 36 50 68 77 79.3 300 5.0 18.0 17 20 22 25	95.1 360 6.0 21.6 12 14 16	14.4 14 19 26 29 111.0 420 7.0 25.2 6 7 8
2 3 4 Sr. No.	KS4G-3011 KS4G-4015 KS4G-5017 Pump Model KS4H-2006 KS4H-3007 KS4H-3008 KS4H-3009 KS4H-4010	1.5 / 2 2.2 / 3 3 / 4 3.7 / 5 Power Rating (kW / HP) 1.5 / 2 2.2 / 3 2.2 / 3 2.2 / 3 3 / 4	50 50 50 50 50 Outlet Size (mm) 65 65 65 65	11 15 17 <b>STG</b> 6 7 8 9 10	14 19 23 30 Full   Cur 1 Ø 14 19 19 19 23	4.5 6.5 8.5 10.0 Load rent 3 Ø 4.5 6.5 6.5 6.5 8.5	M³/Hr SHAPPING N3/Hr GPM LPS M³/Hr	3.6 52 71 97 110 15.9 60 1.0 3.6 30 35 40 45 50	48 65 89 101 31.7 120 2.0 7.2 27 32 36 41 46	7.2 42 58 80 90 47.6 180 3.0 10.8 24 28 32 36 40	8.1 39 53 73 82 63.4 240 4.0 14.4 21 24 28 31 35	9.0 36 50 68 77 79.3 300 5.0 18.0 17 20 22 25 28	10.8 29 40 55 62 95.1 360 6.0 21.6 12 14 16 18 20	14.4 14 19 26 29 111.0 420 7.0 25.2 6 7 8 9 10
2 3 4 Sr. No.	KS4G-3011 KS4G-4015 KS4G-5017 Pump Model KS4H-2006 KS4H-3007 KS4H-3008 KS4H-3009 KS4H-4010 KS4H-4011	1.5 / 2 2.2 / 3 3 / 4 3.7 / 5 Power Rating (kW / HP) 1.5 / 2 2.2 / 3 2.2 / 3 2.2 / 3 3 / 4 3 / 4	50 50 50 50 50 Outlet Size (mm) 65 65 65 65 65	11 15 17 STG 6 7 8 9 10	14 19 23 30 Full Cur 1 Ø 14 19 19 19 23 23	4.5 6.5 8.5 10.0 Load rent 3 Ø 4.5 6.5 6.5 6.5 8.5	M³/Hr SI HEAD IN GbW LbW TbS W³/Hr	3.6 52 71 97 110 15.9 60 1.0 3.6 30 35 40 45 50	48 65 89 101 31.7 120 2.0 7.2 27 32 36 41 46 50	7.2 42 58 80 90 47.6 180 3.0 10.8 24 28 32 36 40	8.1 39 53 73 82 63.4 240 4.0 14.4 21 24 28 31 35 38	9.0 36 50 68 77 79.3 300 5.0 18.0 17 20 22 25 28 31	95.1 360 6.0 21.6 12 14 16 18 20 22	14.4 19 26 29 111.0 420 7.0 25.2 6 7 8 9 10
2 3 4 Sr. No.	KS4G-3011 KS4G-4015 KS4G-5017 Pump Model KS4H-2006 KS4H-3007 KS4H-3008 KS4H-3009 KS4H-4010 KS4H-4011 KS4H-5012	1.5 / 2 2.2 / 3 3 / 4 3.7 / 5 Power Rating (kW / HP) 1.5 / 2 2.2 / 3 2.2 / 3 2.2 / 3 3 / 4 3 / 4 3 . 7 / 5	50 50 50 50 50 Outlet Size (mm) 65 65 65 65 65 65	11 15 17 STG 6 7 8 9 10 11	14 19 23 30 Full Cur 1 Ø 14 19 19 23 23 30	4.5 6.5 8.5 10.0 Load rent 3 Ø 4.5 6.5 6.5 6.5 8.5 10.0	M³/Hr SI HEAD IN GbW LbW TbS W³/Hr	3.6 52 71 97 110 15.9 60 1.0 3.6 30 35 40 45 50 55 60	48 65 89 101 31.7 120 2.0 7.2 27 32 36 41 46 50 55	7.2 42 58 80 90 47.6 180 3.0 10.8 24 28 32 36 40 44	8.1 39 53 73 82 63.4 240 4.0 14.4 21 24 28 31 35 38 41	9.0 36 50 68 77 79.3 300 5.0 18.0 17 20 22 25 28 31 34	95.1 360 6.0 21.6 12 14 16 18 20 22 24	14.4 19 26 29 111.0 420 7.0 25.2 6 7 8 9 10 11

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

Head : 9 – 351 metres
Capacity : 6 – 420 litres
per minute

Power Rating : 0.37–5.5 Kw /

0.5 – 7.5 HP

Voltage Range : 160 to 240 Volts

(Single Phase) 280 to 440 Volts (Three Phase)

Motor : Water-filled

#### **Construction Material**

Pump Housing :Stainless Steel
NRV :Cast Iron
Suction Housing :Cast Iron
Impeller :Noryl
Diffuser :Noryl

Strainer :Stainless Steel