



Enriching Lives

Nomenclature	Pump Model	Del. Size (mm)	Power Rating (kW/HP)	Full Load Current	Rated Voltage (V)	Shut Off Head (Mtrs)	GPM	11	32	42	53	63	74	85	106
							LPM	40	120	160	200	240	280	320	400
							LPS	0.7	2.0	2.7	3.3	4.0	4.7	5.3	6.7
							M³/Hr	2	7	10	12	14	17	19	24
3.0HP13STG	100HHF-0303	50	2.2/3.0	6.3	415	47	HEAD IN METERS	47	44	43	41	39	35	30	14
4.0HP14STG	100HHF-0404	50	3.0/4.0	7.9	415	63		62	59	57	55	51	47	40	18
5.0HP15STG	100HHF-0505	50	3.7/5.0	9.3	415	79		78	74	71	69	64	58	50	23
6.0HP16STG	100HHF-0606	50	4.5/6.0	11.8	415	95		93	89	86	82	77	70	60	27
7.5HP18STG	100HHF-0808	50	5.5/7.5	14.5	415	126		124	118	114	110	103	93	81	36
10HP110STG	100HHF-1010	50	7.5/10.0	18.0	415	158		155	148	143	137	128	116	101	45
12.5HP112STG	100HHF-1312	50	9.3/12.5	22.5	415	189		186	177	171	164	154	140	121	54
15HP115STG	100HHF-1515	50	11.0/15.0	26.0	415	237		233	221	214	206	193	175	151	68
20HP120STG	100HHF-2020	50	15.0/20.0	32.5	415	315		310	295	285	274	257	233	201	90
25HP125STG	100HHF-2525	50	18.5/25	36.5	415	394		388	369	357	343	321	291	252	113

Nomenclature	Pump Model	Del. Size (mm)	Power Rating (kW/HP)	Full Load Current	Rated Voltage (V)	Shut Off Head (Mtrs)	GPM	21	42	63	85	95	106	116	137
							LPM	80	160	240	320	360	400	440	520
							LPS	1	3	4	5	6	7	7	9
							M³/Hr	5	10	14	19	22	24	26	31
4.0HP13STG	125HHF-0403	65	3.0/4.0	7.9	415	47	HEAD IN METERS	46	45	43	39	36	33	29	19
5.0HP14STG	125HHF-0504	65	3.7/5.0	9.3	415	62		61	60	57	52	48	44	39	25
6.0HP15STG	125HHF-0605	65	4.5/6.0	11.8	415	78		77	75	71	65	60	55	49	31
7.5HP16STG	125HHF-0806	65	5.5/7.5	14.5	415	94		92	90	85	78	72	66	58	37
10HP18STG	125HHF-1008	65	7.5/10.0	18.0	415	125		123	120	114	103	97	88	78	49
12.5HP110STG	125HHF-1310	65	9.3/12.5	22.5	415	156		154	150	142	129	121	110	97	62
15HP112STG	125HHF-1512	65	11.0/15.0	26.0	415	187		184	180	171	155	145	132	116	74
18HP114STG	125HHF-1814	65	13.0/17.5	32.5	415	218		215	210	199	181	169	154	136	86
20HP116STG	125HHF-2016	65	15.0/20.0	36.5	415	250		246	240	228	207	193	176	155	99

Nomenclature	Pump Model	Del. Size (mm)	Power Rating (kW/HP)	Full Load Current	Rated Voltage (V)	Shut Off Head (Mtrs)	GPM	21	42	63	85	106	127	148	159
							LPM	80	160	240	320	400	480	560	600
							LPS	1	3	4	5	7	8	9	10
							M³/Hr	5	10	14	19	24	29	34	36
5.0HP13STG	150HHF-0503	65	3.7/5.0	9.3	415	50	HEAD IN METERS	48	47	45	42	37	30	19	12
6.0HP14STG	150HHF-0604	65	4.5/6.0	11.8	415	66		64	63	60	57	49	39	25	16
7.5HP15STG	150HHF-0805	65	5.5/7.5	14.5	415	83		81	78	75	71	62	49	31	20
10HP17STG	150HHF-1007	65	7.5/10.0	18.0	415	116		113	110	105	99	86	69	43	28
12.5HP18STG	150HHF-1308	65	9.3/12.5	22.5	415	132		129	125	120	113	99	79	50	32
15HP110STG	150HHF-1510	65	11.0/15.0	26.0	415	165		161	157	150	142	124	99	62	40
17.5HP112STG	150HHF-1812	65	13.0/17.5	32.5	415	198		193	188	180	170	148	118	74	48
20HP113STG	150HHF-2013	65	15.0/20.0	36.5	415	215		209	203	195	184	161	128	81	52
20HP114STG	150HHF-2014	65	15.0/20.0	36.5	415	231		225	219	210	198	173	138	87	56

Nomenclature	Pump Model	Del. Size (mm)	Power Rating (kW/HP)	Full Load Current	Rated Voltage (V)	Shut Off Head (Mtrs)	GPM	21	63	74	85	95	106	137	166
							LPM	80	240	280	320	360	400	520	630
							LPS	1	4	5	5	6	7	9	11
							M³/Hr	5	14	17	19	22	24	31	38
4.0HP12STG	200HHF-0402	65	3.0/4.0	7.9	415	32	HEAD IN METERS	32	30	30	29	28	26	18	6
6.0HP13STG	200HHF-0603	65	4.5/6.0	11.8	415	48		47	46	45	44	42	39	27	8
7.5.0HP14STG	200HHF-0804	65	5.5/7.5	14.5	415	64		63	61	60	58	56	52	36	11
10HP15STG	200HHF-1005	65	7.5/10.0	18.0	415	80		79	76	75	73	70	65	45	14
12.5HP16STG	200HHF-1306	65	9.3/12.5	22.5	415	96		95	91	90	88	84	78	53	17
15HP18STG	200HHF-1508	65	11.0/15.0	26.0	415	128		126	121	119	117	112	105	71	22
17.5HP19STG	200HHF-1809	65	13.0/17.5	32.5	415	144		142	137	134	131	126	118	80	25
20HP110STG	200HHF-2010	65	15.0/20.0	36.5	415	160		158	152	149	146	140	131	89	28

Note:

- Method of starting - upto 7.5 HP will be DOL and above 7.5 HP will be star delta
- Also available in 220 Volts rated – 1 PH pumpsets upto 5.0 HP

KS6 150 MM (6") Submersible Pump

With a capacity of pumping up to 1,200 litres per minute, Kirloskar KS6 submersible pumps suitably fulfill the need for high volumes of water in agricultural applications. The pumps combine the best in design and built quality so as to provide high operational efficiency, performance and durability. Available from Kirloskar Brothers, one of the leading brands in pump manufacturing and design, you are assured of high performance and durability for years.

PRODUCT SNAPSHOT

Range and Technical Specification

Head	: 6 to 427 Meters
Discharge	: 60 to 1440 LPM
Motor Rating	: 3 to 25 HP
Borewell Size	: 150mm
Voltage Range	: 250 to 440 V

MATERIAL OF CONSTRUCTION

Parts	Material	Grade
Motor body, Pump bowl, Suction & Delivery	Cast Iron	FG-200 / FG -260
Motor & Pump Bushes	Lead Tin Bronze	LTB-2/LTB-4
Motor & Pump Shaft	Stainless Steel	SS-410 / SS-431
Impeller	Noryl / Stainless Steel	20% Glass Filled / Cast Steel (SS 410)
Finish Rotor	Copper + Steel	EC grade + M47
Thrust Bearing	Carbon + SS	Graphite Carbon + SS 420
Pump Bushes	Engg. Rubber	NRB-Nitrile Butadiene Rubber
Sleeves	Stainless Steel	SS 410 with Hard Chrome Plating

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Pump

High Efficiency: Innovations in pump design offer advantages of low power consumption and optimum efficiency, which translates into significant savings for customers.



Wide voltage range:

The pump performs optimally during voltage fluctuations, due to its ability to adapt to a wide input voltage range.



High quality sleeves and bearings: Super-finished, water lubricated bush bearings, Nitrile rubber bushes, SS chrome-plated shaft sleeves reduce friction and enhance efficiency and durability.



Non-return valve (NRV): An in-built sand flushing system combined with a specially designed NRV increases pump life, and prevents reverse water thrust into the motor.



Dynamically balanced rotating parts: All rotating parts are dynamically balanced resulting in minimum vibration and trouble-free operations.



CED coated components: All cast-iron components are CED-coated – providing 5 times more protection from corrosion compared to painted pumps.



Motor

Less speed drop: The motor has been specially designed to run optimally during low voltages with minimum speed drops.



Teflon bearing: Carbon thrust Teflon bearings enhance the life of the motor, and provides superior surface finish for minimum friction loss.



Sand guard: An innovative sand guard system offers double-layer protection from sand ingress in the motor – leading to longer motor life.



Glycol-mixed water: Glycol-mixed water in the motor improves anti-friction properties and prevents corrosion.

APPLICATIONS

Water use in

- Continuous water supply for farming and irrigation
- Fire fighting



KS6 150 MM (6") SUBMERSIBLE PUMP



Service Toll-Free No.

1800 103 4443

www.kirloskarpumps.com

KIRLOSKAR BROTHERS LIMITED

A Kirloskar Group Company

KS6

150 MM (6")

Submersible Pump

Nomenclature	Pump Model	Del. Size (mm)	Power Rating (kW/HP)	Full Load Current	Rated Voltage (V)	Shut Off Head (Mtrs)	GPM	16	32	42	48	63	71
							LPM	60	120	160	180	240	270
							LPS	1	2	3	3	4	5
							M³/Hr	4	7	10	11	14	16
3HP15STG	KS6B-0305	50	2.2/3.0	6.3	415	48	HEAD IN METERS	46	44	41	38	26	20
3HP6STG	KS6B-0306	50	2.2/3.0	6.3	415	58		55	53	49	45	31	24
5HP8STG	KS6B-0508	50	3.7/5.0	9.3	415	77		74	70	66	60	42	32
5HP9STG	KS6B-0509	50	3.7/5.0	9.3	415	86		83	79	74	68	47	36
5HP10STG	KS6B-0510	50	3.7/5.0	9.3	415	96		92	88	82	75	52	40
5HP11STG	KS6B-0511	50	3.7/5.0	9.3	415	106		101	97	90	83	57	44
6HP12STG	KS6B-0612	50	4.5/6.0	11.8	415	115		110	106	98	90	62	48
7.5HP13STG	KS6B-0813	50	5.5/7.5	14.5	415	125		120	114	107	98	68	52
7.5HP14STG	KS6B-0814	50	5.5/7.5	14.5	415	134		129	123	115	105	73	56
7.5HP15STG	KS6B-0815	50	5.5/7.5	14.5	415	144		138	132	123	113	78	60
10HP16STG	KS6B-1016	50	7.5/10.0	18.0	415	154		147	141	131	120	83	64
10HP20STG	KS6B-1020	50	7.5/10.0	18.0	415	192		184	176	164	150	104	80
12.5HP24STG	KS6B-1324	50	9.3/12.5	22.5	415	230		221	211	197	180	125	96
15HP30STG	KS6B-1530	50	11.0/15.0	26.0	415	288		276	264	246	225	156	120

Nomenclature	Pump Model	Del. Size (mm)	Power Rating (kW/HP)	Full Load Current	Rated Voltage (V)	Shut Off Head (Mtrs)	GPM	16	32	48	63	79	95	111
							LPM	60	120	180	240	300	360	420
							LPS	1	2	3	4	5	6	7
							M³/Hr	4	7	11	14	18	22	25
3HP3STG	KS6C-0303	50	2.2/3.0	6.3	415	36	HEAD IN METERS	35	34	32	28	24	19	12
4HP5STG	KS6C-0405	50	3.0/4.0	7.9	415	59		58	57	53	46	40	31	19
5HP6STG	KS6C-0506	50	3.7/5.0	9.3	415	71		70	68	63	56	48	37	23
6HP7STG	KS6C-0607	50	4.5/6.0	11.8	415	83		82	79	74	65	55	43	27
7.5HP8STG	KS6C-0808	50	5.5/7.5	14.5	415	95		93	91	84	74	63	49	31
7.5HP9STG	KS6C-0809	50	5.5/7.5	14.5	415	107		105	102	95	84	71	56	35
10HP11STG	KS6C-1011	50	7.5/10.0	18.0	415	130		128	125	116	102	87	68	42
10HP12STG	KS6C-1012	50	7.5/10.0	18.0	415	142		140	136	126	112	95	74	46
12.5HP13STG	KS6C-1313	50	9.3/12.5	22.5	415	154		152	147	137	121	103	80	50
12.5HP15STG	KS6C-1315	50	9.3/12.5	22.5	415	178		175	170	158	139	119	93	58
15HP16STG	KS6C-1516	50	11.0/15.0	26.0	415	189		187	181	168	149	127	99	61
15HP18STG	KS6C-1518	50	11.0/15.0	26.0	415	213		210	204	189	167	143	111	69

Nomenclature	Pump Model	Del. Size (mm)	Power Rating (kW/HP)	Full Load Current	Rated Voltage (V)	Shut Off Head (Mtrs)	GPM	32	63	95	111	127	159	182
							LPM	120	240	360	420	480	600	690
							LPS	2	4	6	7	8	10	12
							M³/Hr	7	14	22	25	29	36	41
5HP4STG	KS6D-0504	65	3.7/5.0	9.3	415	50	HEAD IN METERS	46	43	39	36	32	21	10
5HP5STG	KS6D-0505	65	3.7/5.0	9.3	415	63		58	54	49	45	40	26	12
7.5HP6STG	KS6D-0806	65	5.5/7.5	14.5	415	75		70	65	58	53	48	31	14
10HP8STG	KS6D-1008	65	7.5/10.0	18.0	415	100		93	86	78	71	64	42	19
12.5HP10STG	KS6D-1310	65	9.3/12.5	22.5	415	125		116	108	97	89	80	52	24
15HP12STG	KS6D-1512	65	11.0/15.0	26.0	415	150		139	130	116	107	96	62	29
17.5HP14STG	KS6D-1814	65	13.0/17.5	32.5	415	175		162	151	136	125	112	73	34
20HP16STG	KS6D-2016	65	15.0/20.0	36.5	415	200		186	173	155	142	128	83	38

Nomenclature	Pump Model	Del. Size (mm)	Power Rating (kW/HP)	Full Load Current	Rated Voltage (V)	Shut Off Head (Mtrs)	GPM	63	95	127	159	190	222	254	285
							LPM	240	360	480	600	720	840	960	1080
							LPS	4	6	8	10	12	14	16	18
							M³/Hr	14	22	29	36	43	50	58	65
5HP3STG	KS6F-0503R	80	3.7/5.0	9.3	415	35	HEAD IN METERS	30	28	26	23	20	16	12	8
6HP4STG	KS6F-0604R	80	4.5/6.0	11.8	415	47		40	37	34	30	26	21	16	11
7.5HP5STG	KS6F-0805R	80	5.5/7.5	14.5	415	59		50	46	43	38	33	26	20	14
10HP6STG	KS6F-1006R	80	7.5/10.0	18.0	415	71		60	56	51	45	39	32	24	17
12.5HP6STG	KS6F-1308R	80	9.3/12.5	22.5	415	94		80	74	68	60	52	42	32	22
15HP9STG	KS6F-1509R	80	11.0/15.0	26.0	415	106		90	83	77	68	59	47	36	25
17.5HP11STG	KS6F-1811R	80	13.0/17.5	32.5	415	129		110	102	94	83	72	58	44	30
20HP13STG	KS6F-2013R	80	15.0/20.0	36.5	415	153		130	120	111	98	85	68	52	36

Nomenclature	Pump Model	Del. Size (mm)	Power Rating (kW/HP)	Full Load Current	Rated Voltage (V)	Shut Off Head (Mtrs)	GPM	63	127	190	222	254	317
							LPM	240	480	720	840	960	1200
							LPS	4	8	12	14	16	20
							M³/Hr	14	29	43	50	58	72
6HP3STG	KS6G-0603R	100	4.5/6.0	11.8	415	37	HEAD IN METERS	33	28	23	20	18	11
7.5HP4STG	KS6G-0804R	100	5.5/7.5	14.5	415	49		44	41	33	29	24	13
10HP6STG	KS6G-1005R	100	7.5/10.0	18.0	415	62		56	51	41	36	30	16
12.5HP6STG	KS6G-1306R	100	9.3/12.5	22.5	415	74		67	61	49	44	36	20
15HP7STG	KS6G-1507R	100	11.0/15.0	26.0	415	86		78	71	57	51	42	23
17.5HP8STG	KS6G-1808R	100	13.0/17.5	32.5	415	99		89	81	65	58	48	26
20HP10STG	KS6G-2010R	100	15.0/20.0	36.5	415	123		111	101	81	73	60	33

Nomenclature	Pump Model	Del. Size (mm)	Power Rating (kW/HP)	Full Load Current	Rated Voltage (V)	Shut Off Head (Mtrs)	GPM	63	127	190	254	317	380
							LPM	240	480	720	960	1200	1440
							LPS	4	8	12	16	20	24
							M³/Hr	14	29	43	58	72	86
7.5HP3STG	KS6J-0803	100	5.5/7.5	415.0	200-440	38	HEAD IN METERS	34	31	28	23	18	11
10.0HP4STG	KS6J-1004	100	7.5/10.0	415.0	200-440	50		45	41	37	31	24	15
12.5HP5STG	KS6J-1305	100	9.3/12.5	415.0	200-440	63		56	52	47	38	30	18
15.0HP6STG	KS6J-1506	100	11.0/15.0	415.0	200-440	75		67	62	56	46	36	22
17.5HP7STG	KS6J-1807	100	13.5/17.5	415.0	200-440	88		78	72	65	54	42	26
20.0HP8STG	KS6J-2008	100	15.0/20.0	415.0	200-440	100		89	83	75	61	48	29
25.0HP10STG	KS6J-2510	100	18.3/25.0	415.0	200-440	125		112	103	93	77	60	37

Nomenclature	Pump Model	Del. Size (mm)	Power Rating (kW/HP)	Full Load Current	Rated Voltage (V)	Shut Off Head (Mtrs)	GPM	63	95	127	159	190	222	254	264
							LPM	240	360	480	600	720	840	960	1000
							LPS	4	6	8	10	12	14	16	17
							M³/Hr	14	22	29	36	43	50	58	60
7.5HP8STG	KS6EA-0808	80	5.5/7.5	14.5	415	80	HEAD IN METERS	70	60	52	44	32	23	11	9
10HP10STG	KS6EA-1010	80	7.5/10.0	18.0	415	100		88	75	65	55	40	29	14	11
12.5HP12STG	KS6EA-1312	80	9.3/12.5	22.5	415	120		105	90	78	66	48	35	17	14
15HP15STG	KS6EA-1515	80	11.0/15.0	26.0	415	150		131	113	98	83	60	43	21	17
17.5HP17STG	KS6EA-1817	80	13.0/17.5	32.5	415	170		149	128	111	94	68	49	23	19
20HP20STG	KS6EA-2020	80	15.0/20.0	36.5	415	195		172	150	130	110	80	58	28	24

Nomenclature	Pump Model
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