

SERIES - 7

SR. NO.	PUMP MODEL	POWER RATING		NO. OF STAGE	DEL. PIPE SIZE (mm)	FULL LOAD CURRENT (Amps)	RATED VOLTAGE (V)	VOLTAGE RANGE IN (V)	SHUT OFF HEAD (mtrs.)	LPM		HEAD IN METERS
		HP	KW							LPS	M ³ /Hr	
1	KSBB-1802	17.5	13.0	2	125	34.0	415	350 - 440	39	10	35	2280
2	KSBB-2003	20.0	15.0	3	125	39.0	415	350 - 440	58	15	35	2100
3	KSBB-3504	35.0	26.0	4	125	66.0	415	350 - 440	77	20	35	2100
4	KSBB-4505	45	33.0	5	125	82.0	415	350 - 440	97	25	35	2100

SERIES - 8

SR. NO.	PUMP MODEL	POWER RATING		NO. OF STAGE	DEL. PIPE SIZE (mm)	FULL LOAD CURRENT (Amps)	RATED VOLTAGE (V)	VOLTAGE RANGE IN (V)	SHUT OFF HEAD (mtrs.)	LPM		HEAD IN METERS
		HP	KW							LPS	M ³ /Hr	
1	KSBB-2002	20.0	15.0	2	125	39.0	415	350 - 440	43	15	35	2100
2	KSBB-2503	25.0	18.5	3	125	48.0	415	350 - 440	65	20	35	2100
3	KSBB-4004	40.0	30.0	4	125	76.0	415	350 - 440	87	25	35	2100
4	KSBB-5005	50	37.0	5	125	85.0	415	350 - 440	108	30	35	2100
5	KSBB-6006	60.0	45.0	6	125	100.0	415	350 - 440	130	35	35	2100

SERIES - 9

SR. NO.	PUMP MODEL	POWER RATING		NO. OF STAGE	DEL. PIPE SIZE (mm)	FULL LOAD CURRENT (Amps)	RATED VOLTAGE (V)	VOLTAGE RANGE IN (V)	SHUT OFF HEAD (mtrs.)	LPM		HEAD IN METERS
		HP	KW							LPS	M ³ /Hr	
1	KSBB-2502	25.0	18.5	2	125	48.0	415	350 - 440	51	15	35	2100
2	KSBB-3503	35.0	26.0	3	125	66.0	415	350 - 440	76	20	35	2100
3	KSBB-4504	45.0	33.0	4	125	82.0	415	350 - 440	101	25	35	2100
4	KSBB-6005	60.0	45.0	5	125	100.0	415	350 - 440	127	30	35	2100



Enriching Lives

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Enriching Lives



KS8
BOREWELL WATERFILLED
SUBMERSIBLE



KIRLOSKAR BROTHERS LIMITED
A Kirloskar Group Company

KS8

BOREWELL WATERFILLED SUBMERSIBLE

With a capacity of pumping up to 2800 litres per minute, Kirloskar KS8 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	: 8 to 271 Meters
Discharge	: 240 to 2800 LPM
Motor Rating	: 75 HP to 60 HP
Borewell Size	: 150 mm
Voltage Range	: 350 to 440 V

MATERIAL OF CONSTRUCTION

Parts	Material	Grade
Pump bowl, Suction & Delivery	Cast Iron	C. I. FG - 200
Motor & Pump Bushes	Lead Tin Bronze	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 420	Carbon + SS	Graphite Carbon + SS
Pump Bushes Rubber	Engg. Rubber/GM	NRB-Nitrile Butadiene Rubber / LTB-4
Sleeves Plating Chrome	Stainless Steel	SS 410 with Hard
Motor Body	Stainless Steel	AISI 304



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



SERIES - 1

SR. NO.	PUMP MODEL	POWER RATING		DEL. PIPE SIZE (mm)	FULL LOAD CURRENT (Amps)	RATED VOLTAGE (V)	VOLTAGE RANGE IN (V)	SHUT OFF HEAD (mtrs.)	HEAD IN METERS						
		HP	KW						LPM	LPS	MP/Hr				
1	KS8D-1004	10.0	7.5	4.0	19.5	415	350 - 440	84	240	360	480	600	720	840	960
2	KS8D-1305	12.5	9.3	5.0	25.0	415	350 - 440	104	4	6	8	10	12	14	16
3	KS8D-1506	15.0	11.0	6.0	30.0	415	350 - 440	125	14	22	29	36	43	50	58
4	KS8D-1807	17.5	13.0	7.0	34.0	415	350 - 440	146	76	72	66	58	46	30	15
5	KS8D-2008	20.0	15.0	8.0	39.0	415	350 - 440	167	95	90	83	72	57	38	19
6	KS8D-2510	25.0	18.5	10.0	48.0	415	350 - 440	209	114	108	99	86	68	45	23
7	KS8D-3012	30.0	22.0	12.0	57.0	415	350 - 440	251	133	126	116	101	80	53	26
8	KS8D-3514	35.0	26.0	14.0	66.0	415	350 - 440	292	152	144	132	115	91	60	30

SERIES - 2

SR. NO.	PUMP MODEL	POWER RATING		DEL. PIPE SIZE (mm)	FULL LOAD CURRENT (Amps)	RATED VOLTAGE (V)	VOLTAGE RANGE IN (V)	SHUT OFF HEAD (mtrs.)	HEAD IN METERS						
		HP	KW						LPM	LPS	MP/Hr				
1	KS8E-1003	10	7.5	3	19.5	415	350 - 440	61	240	360	480	600	720	840	960
2	KS8E-1504	15	11.0	4	29.0	415	350 - 440	82	4	6	8	10	12	14	16
3	KS8E-1805	17.5	13.0	5	34.0	415	350 - 440	102	14	22	29	36	43	50	58
4	KS8E-2006	20	15.0	6	39.0	415	350 - 440	123	58	55	51	45	35	25	10
5	KS8E-2507	25	18.5	7	48.0	415	350 - 440	143	77	73	67	60	47	33	13
6	KS8E-3009	30	22.0	9	57.0	415	350 - 440	184	97	92	84	75	58	41	17
7	KS8E-3510	35	26.0	10	66.0	415	350 - 440	204	116	110	101	90	70	49	20
8	KS8E-4012	40	30.0	12	76.0	415	350 - 440	245	135	128	118	105	82	57	23
9	KS8E-4513	45	33.0	13	82.0	415	350 - 440	265	174	165	152	135	105	74	30
10	KS8E-5014	50	37.0	14	85.0	415	350 - 440	286	193	183	168	150	117	82	33

SERIES - 3

SR. NO.	PUMP MODEL	POWER RATING		DEL. PIPE SIZE (mm)	FULL LOAD CURRENT (Amps)	RATED VOLTAGE (V)	VOLTAGE RANGE IN (V)	SHUT OFF HEAD (mtrs.)	HEAD IN METERS						
		HP	KW						LPM	LPS	MP/Hr				
1	KS8G-0802	7.5	5.5	2	14.5	415	350 - 440	38	300	600	900	1080	1200	1500	1600
2	KS8G-1303	12.5	9.3	3	25.0	415	350 - 440	57	5	10	15	18	20	25	27
3	KS8G-1804	17.5	13.0	4	34.0	415	350 - 440	76	18	36	54	65	72	90	96
4	KS8G-2005	20	15.0	5	39.0	415	350 - 440	95	34	31	26	23	21	14	9
5	KS8G-2506	25	18.5	6	48.0	415	350 - 440	114	51	46	39	35	32	20	14
6	KS8G-3007	30	22.0	7	57.0	415	350 - 440	133	68	61	52	46	42	27	18
7	KS8G-3508	35	26.0	8	66.0	415	350 - 440	152	85	76	65	58	53	34	23
8	KS8G-4009	40	30.0	9	76.0	415	350 - 440	171	102	92	78	69	63	41	27
9	KS8G-4510	45	33.0	10	82.0	415	350 - 440	190	119	107	91	81	74	47	32
10	KS8G-5012	50	37.0	12	85.0	415	350 - 440	228	136	122	104	92	84	54	36

SERIES - 4

SR. NO.	PUMP MODEL	POWER RATING		DEL. PIPE SIZE (mm)	FULL LOAD CURRENT (Amps)	RATED VOLTAGE (V)	VOLTAGE RANGE IN (V)	SHUT OFF HEAD (mtrs.)	HEAD IN METERS						
		HP	KW						LPM	LPS	MP/Hr				
1	KS8P-2004	20.0	15.0	4	39.0	415	350 - 440	76	300	600	900	1080	1200	1500	1800
2	KS8P-2505	25.0	18.5	5	48.0	415	350 - 440	95	5	10	15	18	20	25	30
3	KS8P-3006	30.0	22.0	6	57.0	415	350 - 440	104	18	36	54	65	72	90	108
4	KS8P-3507	35.0	26.0	7	66.0	415	350 - 440	122	72	66	60	55	50	35	15
5	KS8P-4008	40.0	30.0	8	76.0	415	350 - 440	139	90	83	75	69	63	44	19
6	KS8P-4509	45.0	33.0	9	82.0	415	350 - 440	157	99	93	84	78	73	57	34
7	KS8P-5010	50.0	37.0	10	85.0	415	350 - 440	174	116	109	98	91	85	67	40
8	KS8P-6012	60.0	45.0	12	100.0	415	350 - 440	209	132	124	112	104	97	76	46

SERIES - 5

SR. NO.	PUMP MODEL	POWER RATING		DEL. PIPE SIZE (mm)	FULL LOAD CURRENT (Amps)	RATED VOLTAGE (V)	VOLTAGE RANGE IN (V)	SHUT OFF HEAD (mtrs.)	HEAD IN METERS						
		HP	KW						LPM	LPS	MP/Hr				
1	KS8P-1302	12.5	9.3	2	25.0	415	350 - 440	48	600	900	1080	1350	1500	1800	1980
2	KS8P-2504	25.0	18.5	4	48.0	415	350 - 440	95	10	15	20	22.5	25	30	33
3	KS8P-3005	30.0	22.0	5	57.0	415	350 - 440	119	36	54	65	81	90	108	119
4	KS8P-4006	40.0	30.0	6	76.0	415	350 - 440	143	41	38	35	32	30	23	18
5	KS8P-5008	50.0	37.0	8	85.0	415	350 - 440	190	82	75	69	64	59	45	35

SERIES - 6

SR. NO.	PUMP MODEL	POWER RATING		DEL. PIPE SIZE (mm)	FULL LOAD CURRENT (Amps)	RATED VOLTAGE (V)	VOLTAGE RANGE IN (V)	SHUT OFF HEAD (mtrs.)	HEAD IN METERS						
		HP	KW						LPM	LPS	MP/Hr				
1	KS8B-1502	15.0	11.0	2	29.0	415	350 - 440	35	900	1200	1500	1800	2100	2400	2700
2	KS8B-2503	25.0	18.5	3	48.0	415	350 - 440	53	15	20	25	30	35	40	45
3	KS8B-3004	30.0	22.0	4	57.0	415	350 - 440	70	54	72	90	108	126	144	162
4	KS8B-4005	40	30.0	5	76.0	415	350 - 440	88	33	31	28	24	20	15	8
5	KS8B-5006	50	37.0	6	85.0	415	350 - 440	105	65	62	55	48	40	30	16