

THE FACTOR

- integrated TECHNOLOGY
- improved PERFORMANCE
- infinite BENEFITS







5 Star Rated Pump



45% (Approx.) Higher Specific Discharge (SD)



50% Higher Power to Weight Ratio (PWR)



Daily need of 1000 Liter water in 1 Rs 60 Paise



Annual Power Saving Apx. 350 – 1400 Units which results in saving from INR. 2450 – 10000 (apx)





KIRLOSKAR BROTHERS LIMITED

A Kirloskar Group Company Established 1888

KIRLOSKAR PUMPS



KOSi Features

- · High efficiency and energy saving design
- · Lightweight and Compact design
- · Wide Voltage Range
- Dynamically balanced rotating parts
- Replaceable Wearing Parts
- Easy maintainable designs
- CED Cathode Electro Deposition Coating
- Advanced Water Cooled Motors Designs

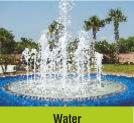
KOSi Applications







community water supply

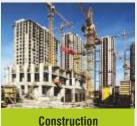


fountains



TECHNICAL SPECIFICATION								
Head Range	Up to 42 Meters							
Discharge Range	Up to 9.7 I/s							
Power Ratings	0.37 to 1.5 kW (0.5 to 2 HP)							
Voltage Range	160 to 240 Volts (Single Phase)							
Insulation	B-Class							
Protection	IP68							

MATERIAL OF CONSTRUCTION								
Impeller	Cast Iron/ Noryl							
Delivery Casing	Cast Iron							
Motor Body	Cast iron/ Stainless Steel							
Shaft	Stainless Steel							





Water supply to overhead tanks

PE	PERFORMANCE OF 'KOSI' SERIES, 2 POLE, OPENWELL SUBMERSIBLE PUMPS, AT RATED SPEED, 50Hz, SINGLE PHASE A.C. POWER SUPPY															PY									
S.	PUMP	POWER		PIPE SIZE		RATED	RATED	TOTAL HEAD IN METERS																	
NO	MODEL RATING (mm) VOL			VOLTAGE	SPEED	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42		
		kW	HP	SUC.	DEL.	(VOLTS)	(RPM)	PM) DISCHARGE IN LITRES PER SECOND																	
1	KOSi-0520	0.37	0.5	25	25	210	2740	-	-	1.7	1.5	1.0	0.5	-	-	-	-	-	-	-	-	-	-	-	-
2	K0Si-123	0.75	1.0	50	40	210	2800	-	4.3	3.7	3.3	3.0	2.3	1.6	-	-	-	-	-	-	-	-	-	-	-
3	KOSi-135	0.75	1.0	25	25	210	2800	-	-	-	-	-	2.2	2.0	1.7	1.6	1.4	1.0	0.8	0.3	-	-	-	-	-
4	KOSi-1.522	1.1	1.5	50	40	210	2800	6.3	5.8	5.5	5.0	4.5	3.7	3.0	12.5	-	-	-	-	-	-	-	-	-	-
5	K0Si-1.540	1.1	1.5	32	25	210	2800	-	-	-	-	-	-	-	-	2.8	2.6	2.3	2.0	1.6	1.2	0.7	-	-	-
6	KOSi-216	1.5	2.0	65	50	210	2840	-	9.7	8.2	7.0	5.2	-	-	-	-	-	-	-	-	-	-	-	-	-
7	K0Si-225	1.5	2.0	50	40	210	2840	-	-	-	5.7	5.0	4.4	4.0	3.2	2.3	-	-	-	-	-	-	-	-	-
8	KOSN-245/ KOSi-245	1.5	2.0	32	25	210	2800	-	-	-	4.2	4.1	4.0	3.8	3.6	3.4	3.2	3.0	2.8	2.5	2.2	1.9	1.6	1.2	0.4

NOTE: ALL PUMPS ARE FIVE STAR RATED.

PERFORMANCE APPLICABLE TO LIQUID OF SPECIFIC GRAVITY 1 AND VISCOSITY AS OF WATER.

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KIRLOSKAR BROTHERS LIMITED

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