



Enriching Lives

# THE **i** 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)



## KOSi

OPENWELL  
SUBMERSIBLE  
PUMP

**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

## TECHNICAL SPECIFICATION

Head Range	Up to 42 Meters
Discharge Range	Up to 9.7 l/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



Gardening and small farm irrigation



Domestic and community water supply



Water fountains



Construction Site



Water supply to overhead tanks

## PERFORMANCE OF 'KOSi' SERIES, 2 POLE, OPENWELL SUBMERSIBLE PUMPS, AT RATED SPEED, 50Hz, SINGLE PHASE A.C. POWER SUPPLY

S. NO	PUMP MODEL	POWER RATING		PIPE SIZE (mm)		RATED VOLTAGE (VOLTS)	RATED SPEED (RPM)	TOTAL HEAD IN METERS																	
								8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42
		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	KOSi-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	KOSi-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	KOSi-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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