



Enriching Lives



KOS
SUBMERSIBLE PUMP



KIRLOSKAR BROTHERS LIMITED

A Kirloskar Group Company
Established 1888

KOS

SUBMERSIBLE PUMP

PRODUCT SNAPSHOT

Range and Technical Specification

Head	:10 - 72 metres
Capacity	:33 - 2.1 LPS
Power Rating	:2.2 - 11.19 kW (3 to 15 HP)
Voltage Range	:200 - 440 Volts

Construction Material

Impeller	:Cast Iron
Motor Body	:Cast Iron
Delivery Casing	:Cast Iron
Shaft	:Stainless Steel

FEATURES

- Designed for underwater applications. No need of priming and foot valve.
- Easy installation - Foundation and installation platform or pump house not required.
- Can withstand wide voltage fluctuations from 200 - 440 Volts.
- Water shower arrangement for out of water applications.
- Designed to prevent overloading and motor burnout.
- Dynamically balanced rotating parts to ensure minimum vibrations during running.
- Replaceable wearing parts and hence longer life.
- Easy maintenance and spares availability.
- CED coated cast iron components for rust free & longer life.

APPLICATIONS

Small and heavy duty dewatering applications in:

- Submerged pump in wells, sumps and water tanks
- Gardening and sprinklers / conventional irrigation

KOS																										
Sr. No	Pump Model	Suc. Size (mm)	Del. Size (mm)	Power Rating (kW)	Power Rating (HP)	Current at full load	Rated Voltage (V)	TOTAL HEAD IN METERS																		RPM
								6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36			
								DISCHARGE IN LITRES PER SECOND																		
1	KOS-314+	80	80	2.2	3.0	6.5	380	-	-	15.40	13.80	11.00	-	-	-	-	-	-	-	-	-	-	-	-	2890	
2	*KOS-318+	80	65	2.2	3.0	6.5	380	-	-	-	-	11.00	9.90	8.50	7.00	-	-	-	-	-	-	-	-	-	2890	
3	KOS-325+	65	50	2.2	3.0	6.5	380	-	-	-	-	-	-	7.60	6.90	6.30	5.50	4.40	2.20	-	-	-	-	-	2890	
4	KOS-335+	50	40	2.2	3.0	6.5	380	-	-	-	-	-	-	-	4.45	4.40	4.25	3.80	3.60	3.30	2.65	2.10	-	-	2890	
5	KOS-520+	80	80	3.7	5.0	10	380	-	-	-	-	21.00	19.25	17.25	15.00	11.50	-	-	-	-	-	-	-	-	2900	
6	KOS-527+	80	65	3.7	5.0	10	380	-	-	-	-	-	14.10	13.40	12.60	11.60	10.60	8.40	5.00	-	-	-	-	-	2900	
7	KOS-822+	100	100	5.5	7.5	14.5	380	-	-	-	-	25.25	23.50	21.25	19.00	16.00	-	-	-	-	-	-	-	-	2920	
8	KOS-830+	80	65	5.5	7.5	14.5	380	-	-	-	-	-	-	18.00	17.10	16.00	14.80	13.60	12.00	9.50	-	-	-	-	2920	
9	KOS-1030+	100	100	7.5	10	19.5	380	-	-	-	-	-	29.80	28.50	27.00	25.00	22.90	20.10	17.00	9.00	-	-	-	-	2940	
10	KOS-1040+	80	65	7.5	10	19.5	380	-	-	-	-	-	20.40	20.00	19.50	19.00	18.40	17.60	17.00	16.00	15.10	14.00	12.50	2940		
11	KOS-1537+	100	100	11.19	15	29	380	-	-	-	-	-	33.00	32.40	31.40	30.00	28.80	27.00	25.40	23.00	20.60	-	-	-	2900	

Note: Performance applicable to liquid of specific gravity 1 and velocity as of water

*KOS-318+ also available in 65X50 size.

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Sr. No	Pump Model	Suc. Size (mm)	Del. Size (mm)	Power Rating (kW)	Power Rating (HP)	Current at full load	Rated Voltage (V)	TOTAL HEAD IN METERS																				
								24	26	28	30	32	34	36	38	40	42	44	46	48	50	52	56	60	64	68	72	RPM
								DISCHARGE IN LITRES PER SECOND																				
12	KOS-538+	65	50	3.7	5	10	380	-	-	8.20	7.60	6.80	6.00	5.00	3.8	2.00	-	-	-	-	-	-	-	-	-	-	-	2900
13	KOS-550+	50	40	3.7	5	10	380	-	-	-	-	-	-	-	4.10	3.87	3.35	2.87	2.20	-	-	-	-	-	-	-	-	2900
14	KOS-844+	65	65	5.5	7.5	14.5	380	-	-	10.05	9.56	9.10	8.65	7.95	7.09	6.02	4.12	-	-	-	-	-	-	-	-	-	-	2920
15	KOS-852+	65	50	5.5	7.5	14.5	380	-	-	-	-	-	-	7.95	7.55	7.12	6.75	6.12	5.50	4.75	-	-	-	-	-	-	-	2920
16	KOS-1050+	65	65	7.5	10	19.5	380	-	-	12.49	12.06	11.81	11.50	11.12	10.75	10.3	9.75	9	8.25	-	-	-	-	-	-	-	-	2940
17	KOS-1065+	65	50	7.5	10	19.5	380	-	-	-	-	-	-	-	-	-	-	7.02	6.85	6.60	6.20	6.06	5.50	4.6	3.12	0	-	2940
18	KOS-1555+	80	65	11.19	15	29	380	22.40	22.00	21.80	21.50	21.10	20.50	19.80	18.80	17.50	16.70	15.50	14.40	13.00	11.20	-	-	-	-	-	-	2900
19	KOS-1575+	65	50	11.19	15	29	380	-	-	-	-	-	-	-	-	-	-	-	7.60	7.50	7.40	7.20	6.60	6.2	5.6	4.9	4	2900

Note: Performance applicable to liquid of specific gravity one and viscosity as of water

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