

Kirloskar 'KOS+' Series Three Phase Pumps

Single Stage, High Speed, Horizontal, Centrifugal, Openwell Submersible, Monobloc Pumps with Volute Type Delivery Casing.

Range

Head : 6-64 metres.
Capacity : 32-2.1 litres per second
Power Rating : 2.2kW to 11.0 kW
(3.0 HP to 15.0 HP)

Material of Construction

Standard Supply :
Impeller : Cast Iron
Delivery casing : Cast Iron
Motor body : Cast Iron
Shaft : Stainless Steel

Direction of Rotation

Anticlockwise, when viewed from suction side.

Optional Supply

Impeller : Bronze

Approximate performance of 'KOS+' Series, 2 Pole, Openwell Submersible Monobloc Pumps, at rated Voltage, 50 Hz, Three Phase A.C. Power Supply:

PUMP MODEL	POWER RATING		PIPE SIZE (mm)		TOTAL HEAD IN METRES														RATED VOLTAGE (VOLTS)			
	kW	HP	SUC.	DEL.	6	8	10	12	14	16	18	20	22	24	26	28	30	32		34	36	
					CAPACITY IN LITRES PER SECOND																	
KOS-314+	2.2	3.0	80	80	19.0	17.5	15.5	13.2	9.0												415	
KOS-318+	2.2	3.0	65	50		13.2	12.3	11.4	10.4	9.1	7.4										415	
KOS-325+	2.2	3.0	65	50				8.8	8.4	7.9	7.5	6.9	6.3	5.6	4.7	3.2					415	
KOS-335+	2.2	3.0	50	40						4.7	4.5	4.4	4.2	4.0	3.8	3.5	3.1	2.7	2.1		415	
KOS-520+	3.7	5.0	80	80		22.7	21.6	20.4	19.0	17.3	15.4	13.2	10.0								415	
KOS-527+	3.7	5.0	80	65					14.9	14.2	13.5	12.6	11.6	10.3	8.8	6.4					415	
KOS-822+	5.5	7.5	100	100				27.0	25.5	23.8	21.7	19.7	17.1	13.8							380	
KOS-830+	5.5	7.5	80	65						18.9	18.0	17.2	16.2	15.2	14.0	12.4	10.1				380	
KOS-1030+	7.5	10.0	100	100					32.0	31.0	29.8	28.5	27.0	25.2	23.4	20.9	17.9	13.2			380	
KOS-1040+	7.5	10.0	80	65					21.0	20.6	20.4	20.0	19.5	19.0	18.6	18.0	17.2	16.5	15.5	14.5	13.4	380
					24	28	32	36	40	44	48	52	56	60	64							
KOS-538+	3.7	5.0	65	50		7.8	7.0	5.8	4.0													415
KOS-550+	3.7	5.0	50	40				4.3	3.8	3.2	2.1											415
KOS-844+	5.5	7.5	65	65	10.7	10.2	9.3	8.2	6.5													380
KOS-852+	5.5	7.5	65	50			8.4	7.9	7.2	6.5	5.6	4.2										380
KOS-1050+	7.5	10.0	65	65	12.8	12.4	11.9	11.3	10.5	9.4	8.0	5.8										380
KOS-1065+	7.5	10.0	65	50					7.3	7.1	6.7	6.3	5.8	5.2	4.3							380
					20	22	24	26	28	30	32	34	36	38	40	42	44	46				
KOS-1547V*	11.0	15.0	-	65	18.7	18	17.5	17	16.5	15.7	15	14.3	13.5	12.7	11.7	10.6	9.5	7.5				380

* KOS-1547 V is for vertical installation only.
All pumpsets except KOS-1547V are ISI marked.

NOTE: Performance applicable to liquid of specific gravity 1 and viscosity as of water.

KOS+

Openwell Submersible Pumps

Enriching Lives



Features

- Designed for underwater applications - No need of priming and foot valve.
- Can also be used for out of water applications.
- 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 burning.
- Dynamically balanced rotating parts to ensure minimum vibrations during running.
- Replaceable wearing parts and hence longer life.
- Easy maintenance and spares availability.

Applications

- Submerged pump in Fountains, Wells, Sumps and Water tanks.
- Water supply for domestic use in high rise Apartments, Buildings and Hotels.
- Gardening and sprinkler/conventional irrigation.
- Industries, for clear water handling.

