

# Kirloskar 'KOS M' Series Single Phase Pumps

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

## Range

Head : 8-28 metres.  
Capacity : 11-0.4 litres per second  
Power Rating : 0.37 kW to 1.5 kW  
(0.5 HP to 2.0 HP)

## Material of Construction

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

## Direction of Rotation

Anticlockwise, when viewed from suction side.

## Optional Supply

Impeller : Bronze

Approximate Performance of 'KOS M' series, 2 pole, Openwell Submersible Monobloc Pumps at Rated Voltage, 50Hz, Single Phase, AC Power Supply:

PUMP MODEL	POWER RATING		PIPE SIZE (mm)		TOTAL HEAD IN METRES											RATED VOLTAGE (VOLTS)	
	KW	HP	SUC.	DEL.	8	10	12	14	16	18	20	22	24	26	28		
KOS-0516M	0.37	0.5	25	25	1.8	1.6	1.4	1.0	0.6								210
KOS-116M	0.75	1.0	50	40	4.9	4.5	4.0	3.5	2.9	2.0							210
KOS-128M*	0.75	1.0	25	25			2.0	1.9	1.8	1.7	1.6	1.4	1.1	0.8	0.4		210
KOS-1.522M	1.1	1.5	50	40	6.3	5.9	5.5	5.0	4.5	3.8	3.0	1.9					210
KOS-1.525M	1.1	1.5	50	40					2.3	2.2	2.1	2.0	1.8	1.6	1.3		210
KOS-216M	1.5	2.0	65	50	11.0	10.0	8.8	7.2	4.0								210
KOS-225M	1.5	2.0	50	40	5.3	5.1	5.0	4.8	4.5	4.3	4.0	3.6	3.1	2.2			210

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

All pumpsets except KOS-216M and KOS-225M are ISI marked.

\* KOS-128M can also be offered in (50x40) and (40x40) mm pipe size.

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# KOS M

## Openwell Submersible Pumps

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Enriching Lives

IS : 14220



CML-8450778



## Features

- Designed for underwater applications - No need of priming and foot valve.
- Easy installation - Foundation and installation platform not required.
- Can withstand wide voltage fluctuations from 160 - 260 Volts.
- Non overloading power characteristics - No fear of motor burning.
- Dynamically balanced rotating parts ensure minimum vibrations.
- Replaceable wearing parts and hence longer life.
- Easy maintenance and spares availability - Needs only one spanner for maintenance.

## Applications

- Water supply for fountains, sump and water tanks.
- Water supply for domestic use in apartments, buildings and hotels.
- Gardening and small farm irrigation.



KOS M-080200