

# Product Catalogue

## KOS N

Openwell Submersible Pumps



### 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 160-260 Volts.
- Non overloading power characteristics - No fear of motor burning
- Dynamically balance rotating parts ensure minimum vibrations
- Replaceable wearing parts and hence longer life
- Easy maintenance and spares availability - Needs only one spanner for maintenance
- **CED coated wetted components for long life & rust free operation**
- More hygienic & potable for drinking water

### 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

Openwell Submersible Pumps



### Technical Specifications

Head	: 8-38 metres
Capacity	: 11-0.4 LPH
Power Ratings	: 0.37 kW-1.5 kW (0.5 HP-2.0 HP)
Voltage Range	: 160-260V

### Material of Construction

#### KOS M

#### Standard Suply

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

#### KOS N

Impeller	: Cast Iron
Delivery Casing	: Cast Iron
Shaft	: SS 410
Motor Body	: SS
Mounting Casing	: Cast Iron
Cover NDE	: Cast Iron

Performance under standard test conditions : Both for 'KOS M' & 'KOS N' Models

PUMP MODEL	POWER RATING		PIPE SIZE (mm)		FULL LOAD CURRENT (in amps.)	RATED VOLTAGE (VOLTS)	TOTAL HEADS IN METRES																
	kW	HP	SUC	DEL			8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	
<b>DISCHARGE IN LITRES PER SECOND</b>																							
KOSM/KOSN-0516	0.37	0.5	25	25	4.8	210	1.8	1.6	1.4	1.0	0.8												
KOSM/KOSN-0827	0.56	0.75	25	25	6.6	210				1.54	1.4	1.3	1.16	1.0	1.8								
KOSM/KOSN-116	0.75	1.02	50	40	8.0	210	4.9	4.5	4.0	3.5	2.9	2.0											
KOSM/KOSN-123	0.75	1.02	32	25	8.0	210		4.0	3.6	3.2	2.65	2.2	1.6	0.9									
KOSM/KOSN-128	0.75	1.02	25	25	8.0	210			2.0	1.9	1.8	1.7	1.6	1.4	1.1	0.8	.04						
KOSM/KOSN-134	0.75	1.02	25	25	8.0	210					1.66	1.59	1.5	1.38	1.24	1.06	0.87	0.66	0.4				
KOSM/KOSN-1.522	1.1	1.48	50	40	10.0	210	6.3	5.9	5.5	5.0	4.5	3.8	3.0	1.9									
KOSM/KOSN-1.525	1.1	1.5	50	40	10.0	210					2.3	2.2	2.1	2.0	1.8	1.6	1.3						
KOSM/KOSN-1.540	1.1	1.5	32	25	10.0	210									2.0	1.92	1.8	1.62	1.5	1.32	1.1	0.9	0.6
KOSM/KOSN-216	1.5	2.0	65	50	12.0	210	11.0	10.0	8.8	7.2	4.0												
KOSM/KOSN-225	1.5	2.0	50	40	12.0	210	5.3	5.1	5.0	4.8	4.5	4.5	4.3	4.0	3.6	3.1	2.2						

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

KOS-128 can also be offered in (50x40) and (40x40) mm Pipe size.

KOS M 1HP and above can be also available in three phase.

**KOS M / KOS N134 & 1.540 in with Noryl Impeller**