Kirloskar

KOS M

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 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

Range

Head	:	8 - 38 metres
Capacity	:	11 - 0.4 LPH
Power Rating	:	0.37 kW - 1.5 kW (0.5 HP - 2.0 HP)

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KOS N

Openwell Submersible Pumps

Material of Construction

KOS M

Standard Supply

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

Approximate performance: Both for 'KOS M' & 'KOS N' Models

PUMP MODEL	POWER RATING		PIPE SIZE (mm)		FULL LOAD CURRENT (in amps.)	RATED VOLTAGE (VOLTS)	TOTAL HEAD IN METRES														
	kW	HP	SUC	DEL			8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38
							DISCHARGE IN LITRES PER SECOND															
KOS-0516	0.37	0.5	25	25	4.8	210	1.8	1.6	1.4	1.0	0.8											
KOS-116	0.75	1.02	50	40	8.0	210	4.9	4.5	4.0	3.5	2.9	2.0										
KOS-123	0.75	1.02	32	25	8.0	210		4.0	3.6	3.2	2.65	2.2	1.6	0.9								
KOS-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					
KOS-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			
KOS-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								
KOS-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					
KOS-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
KOS-216	1.5	2.0	65	50	12.0	210	11.0	10.0	8.8	7.2	4.0											
KOS-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.