



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 burning
- Dynamically balanced rotating parts to ensure minimum vibrations during running
- Replaceable wearing parts and hence longer life
- Easy maintenance and spares availability
- **CED coating cast iron components long life & rust free**
- More hygienic & potable for drinking water.

Material of Construction

Standard Supply

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

Applications

- Submerged pump in Wells, Sumps and Water tanks
- Gardening and sprinklers / conventional irrigation

Range

- Head : 6-64 metres
- Capacity : 32-2.1 LPS
- Power Rating : 2.2 kW-7.5 kW (3.0 HP-10.0 HP)

Approximate performance

PUMP MODEL	POWER RATING		PIPE SIZE (mm)		FULL LOAD CURRENT (in AMPS)	RATED VOLTAGE (VOLTS)	TOTAL HEADS IN METRES																	
	KW	HP	SUC	DEL			6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36		
DISCHARGE IN LITRES PER SECOND																								
KOS-314+	2.2	3.0	80	80	5.5	415	19.0	17.5	15.5	13.2	9.0													
KOS-318+	2.2	3.0	80	65	5.5	415		13.2	12.3	11.4	10.4	9.1	7.4											
KOS-325+	2.2	3.0	65	50	5.5	415			8.8	8.4	7.9	7.5	6.9	6.3	5.6	4.7	3.2							
KOS-335+	2.2	3.0	50	40	5.5	415						4.7	4.5	4.4	4.2	4.0	3.8	3.5	3.1	2.7	2.1			
KOS-520+	3.7	5.0	80	80	8.85	415		22.7	21.6	20.4	19.0	17.3	15.4	13.2	10.0									
KOS-527+	3.7	5.0	80	65	8.85	415					14.9	14.2	13.5	12.6	11.6	10.3	8.8	6.4						
KOS-822+	5.5	7.5	100	100	14.5	380				27.0	25.5	23.8	21.7	19.7	17.1	13.8								
KOS-830+	5.5	7.5	80	65	14.5	380					18.9	18.0	17.2	16.2	15.2	14.0	12.4	10.1						
KOS-1030+	7.5	10.0	100	100	19.5	380				32.0	31.0	29.8	28.5	27.0	25.2	23.4	20.9	17.9	13.2					
KOS-1040+	7.5	10.0	80	65	19.5	380				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		
KOS-1537	11.19	15.0	100	100	29.0	415					36.0	35.5	35.0	35.0	34.0	33.0	32.0	31.0	28.0	24.0	16.0	6.0		
											24	28	32	36	40	44	48	52	56	60	64	68	72	76
KOS-538+	3.7	5.0	65	50	9.0	415		7.8	7.0	5.8	4.0													
KOS-550+	3.7	5.0	50	40	9.0	415					4.3	3.8	3.2	2.1										
KOS-844	5.5	7.5	65	65	14.5	380	10.7	10.2	9.3	8.2	6.5													
KOS-852+	5.5	7.5	65	50	14.5	380		8.4	7.9	7.2	6.5	5.6	4.2											
KOS-1050+	7.5	10.0	65	65	19.5	380	12.8	12.4	11.9	11.3	10.5	9.4	8.0	5.8										
KOS-1065+	7.5	10.0	65	50	19.5	380				7.3	7.1	6.7	6.3	5.8	5.2	4.3								
KOS-1555	11.19	15.0	80	65	29.0	415	19.5	19.2	18.5	18.0	17.0	15.5	13.8	9.0										
KOS-1575	11.19	15.0	65	50	29.0	415									7.8	7.5	7.0	6.5	6.0	5.0	3.5			

Note: Performance applicable to liquid of specific gravity 1 and viscosity as of water.
All Models are available in Metro Series with Rated Voltage as 415V.