



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

Material of Construction

Standard Supply

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

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

Range

Head	: 6- 64 metres
Capacity	: 32 - 2.1 LPS
Power Rating	: 2.2 kW - 11.0kW (3.0HP - 15.0HP)

Approximate performance

PUMP MODEL	POWER RATING		PIPE SIZE (mm)		FULL LOAD CURRENT (in amps.)	RATED VOLTAGE (VOLTS)	TOTAL HEAD 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	65	50	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	
							24	28	32	36	40	44	48	52	56	60	64						
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							

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.