



#### Features

- Can withstand wide voltage fluctuations from 300-440 Volts
- Suction lift upto 7.5 metres
- Top flat efficiency curve: minimum variation in efficiency in over entire operating range
- Efficiency at par with internationally available pumps- higher by upto 10 points than minimum required by Indian Standards specifications
- Models are with IP- 44 protection. Models with IP- 55 protection are also available on request
- Class 'B' insulation
- Dynamically balanced rotating parts to ensure minimum vibrations during running
- Replaceable wearing parts and hence longer life
- Designed to prevent overloading and motor burning
- Designed for automatic air release during priming

#### 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			5	6	8	10	12	14	16	18	20	22
DISCHARGE IN LITRES PER SECOND																
KS-316+	2.2	3.0	65	50	4.9	415					13.4	11.6	9.3			
KS-513+	3.7	5.0	100	100	8.2	415	34.0	30.9	27.0	22.0						
KS-516+	3.7	5.0	80	65	8.2	415				23.7	20.8	17.5	13.2			
KS-810+	5.5	7.5	150	150	11.9	400	63.0	63.5	53.0	41.0						
KS-817+	5.5	7.5	100	100	11.9	400				34.4	31.8	29.0	25.3	19.2		
KS-823+	5.5	7.5	100	80	11.9	400					27.3	25.0	22.2	18.8	14.5	
KS-1012+	7.5	10.0	150	150	16.8	400	72.5	67.0	59.5	49.5	30.0					
KS-1022+	7.5	10.0	100	100	16.8	400					36.0	33.0	29.0	24.2	17.5	

Extended shaft version is also available on request.

Above pumpsets can be supplied with stuffing box arrangement for gland packed or mechanical seal against the requirement.

All pumpsets except KS-810+ and KS-1012+ are ISI marked.

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

#### Material of Construction

##### Standard Supply

Impeller	: Cast Iron
Delivery Casing	: Cast Iron
Motor Body	: Cast Iron
Shaft	: Carbon Steel
Shaft Sleeve	: Bronze

##### Optional Supply

Impeller	: Bronze
Shaft	: Stainless Steel
Shaft Sleeve	: Chrome Steel

#### Applications

- Gardening and irrigation
- Lawn sprinklers
- Industries, for clear water handling
- Water supply for domestic use in high-rise Apartments, Buildings and Hotels

#### Range

Head	: 5 - 22 metres
Capacity	: 72.5 - 9.3 LPS
Power Rating Single Phase	: 2.2 kW - 7.5 kW (3.0 HP - 10.0 HP)