

Product Catalogue

KIRLOSKAR
KS+
Monobloc Pumps



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

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

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)

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			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.