

KIRLOSKAR



Features

- Suction lift upto 7.5 metres
- Top flat efficiency curve-minimum variation in efficiency in entire operating range
- Efficiency at par with internationally available pumps-higher upto 10 points than minimum required by Indian Standards Specifications
- Can be run direct / through pulley with engine motor
- Dynamically balanced rotating parts, ensure minimum vibrations during running
- Replaceable wearing parts and hence longer life
- Designed to prevent overloading of motor
- Designed for automatic air release during priming

Material of Construction

Impeller : Cast Iron
 Delivery Casing : Cast Iron
 Shaft : Carbon Steel

Applications

- Sprinkler / conventional irrigation

Range

Head : 8-50 metres
 Capacity : 8.5- 0.4 LPS
 Power Rating : 0.55 kW-5.5 kW (0.75 HP- 7.5 HP)

Approximate performance

PUMP MODEL	PIPE SIZE (mm)		RATED SPEED (RPM)	IMP DIA. (mm)	POWER RATING		TOTAL HEAD IN METRES																
	SUC.	DEL.			kW	HP	8	9	10	11	12	13	15	16	17	18	19	20	21	22	23	24	
DISCHARGE IN LITRES PER SECOND																							
KH-1	25	25	2900	99	0.55	0.75	2.8		2.6	2.4	2.1	1.64	0.4										
KH-4	40	40	2800	148	1.5	2.0								6.0	5.6	5.2	4.9	4.5	4.0	3.5	3.0	2.2	1.1
							30	32	34	36	38	40	42	44	46	48	50						
KH-6	50	40	2820	172	3.7	5.0	6.8	6.4	5.5	4.5	3.0												
KH-7	50	4.	2840	197.5	5.5	7.5		8.5	8.3	8.2	7.9	7.6	7.2	6.6	6.0	5.2	4.0						

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