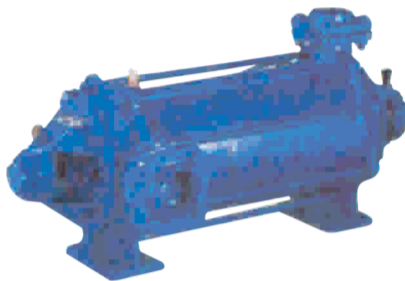


KIRLOSKAR
SR
Multistage Pumps



Kirloskar 'SR' Series End Suction Pumps

Single Stage, High Speed, Horizontal, Centrifugal, Coupled End Suction Pumps with Volute Type Delivery casing

Features

- Top flat efficiency curve: minimum variation in efficiency in entire operating range.
- Efficiency at par with internationally available pumps.
- Designed to run direct / through pulley with engine / motor.
- Designed to prevent overloading of engine / motor.
- Designed for automatic air release during priming.
- Dynamically balanced rotating parts ensure minimum vibrations.
- Replaceable wearing parts and hence longer life.
- Easy maintenance and spares availability.

Applications

Range

Head :30-136 metres
Capacity :13.9-1.0 Lit. per sec.
Power Rating :3.7 kW to 19 kW
(5.0 HP to 26.0 HP)

Direction of Rotation

Clockwise, when viewed from non driving end.

Material of Construction :

Standard Supply

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

Approximate performance of 'SR' Series, Coupled end suction pumps at 1450 rpm:

Pump Model	Pump Rating		Pipe Size (mm)		TOTAL HEAD IN METRES								
	kW	HP	SUC.	DEL.	30	35	40	50	60	70	80	90	
					CAPACITY IN LITRES PER SECOND								
8 SR 7	3.7	5.0	65	50	4.5	4.2	3.8	3.0	1.8				
16 SR 6	7.5	10.0	80	65		9.3	8.5	6.9	4.6				
26 SR 9*	9.3	12.5	80	65		11.5	11.1	10.1	9.0	7.8	6.4	3.8	

Approximate performance of 'SR' Series, Coupled end suction pumps at 1800 rpm:

Pump Model	Pump Rating		Pipe Size (mm)		TOTAL HEAD IN METRES										
	kW	HP	SUC.	DEL.	50	60	70	80	90	95	100	110	120	130	136
					CAPACITY IN LITRES PER SECOND										
8 SR 7	5.9	8.0	65	50	5.4	4.8	4.2	3.5	2.5	1.9	1.0				
16 SR 6	11.8	16.0	80	65	12.0	10.7	9.5	8.0	6.3	4.9					
26 SR 9*	19.0	26.0	80	65		13.9	13.1	12.2	11.5	11.1	10.6	9.6	8.5	7.0	5.6

Note : Performance applicable to liquid of specific gravity 1 and viscosity as of water.
Also available in reverse rotation as 26SR9R (Direction: Anticlockwise when viewed from non driving end)