

Kirloskar 'DV' Series End Suction Vacuum Pumps

Double Suction, Double Delivery, Slow Speed, Horizontal, Centrifugal, Coupled, End Suction Pumps.

Range

Vacuum : Upto 660 mm of Mercury.
Air Flow Rate : Upto 162 cubic metres per hour.
Power Rating : 3.7 kW and 7.5 kW
(5.0 HP and 10.0 HP)

Material of Construction

Standard Supply
Rotor : Bronze
Delivery Casing : Cast Iron
Shaft : Carbon Steel

Optional Supply
Shaft : Stainless Steel

Direction of Rotation
Anti-clockwise, when viewed from pump side.

Approximate performance of 'DV' Series, Coupled, End Suction Vacuum Pumps, at rated speed :

PUMP MODEL	POWER RATING		PIPE SIZE (mm)		VACUUM IN mm OF MERCURY								RATED SPEED (RPM)
					0	100	200	300	400	500	600	660	
	kW	HP	SUC.	DEL.	AIR FLOW RATE IN CUBIC METRES PEUR HOUR								
DV 40	3.7	5.0	40	40	73	65	57	46	34	22	8	0	1450
DV 50	7.5	10.0	50	50	162	138	115	88	68	44	14	0	1450

Note: Performance applicable for air at NTP based on employment of clear water at 30°C as working fluid.



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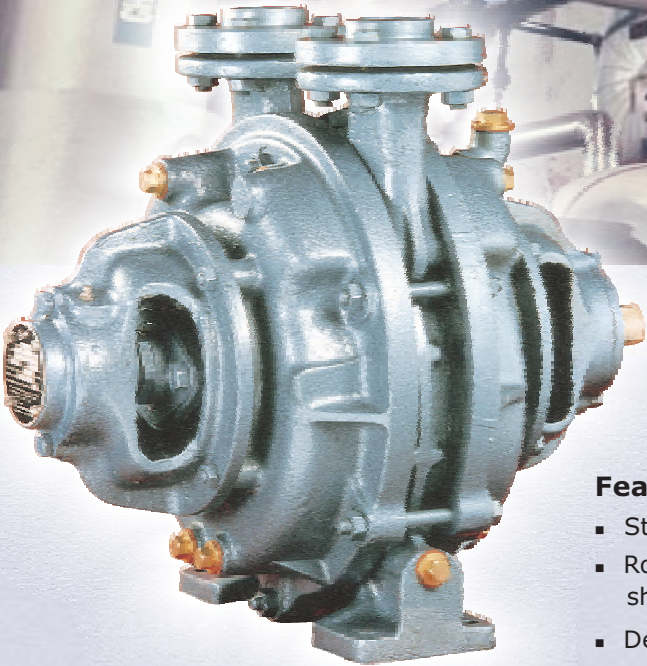


DV

Vacuum Pumps



Enriching Lives



Features

- Sturdy casing, provided with foot, suction and delivery nozzles.
- Rotor having outwardly bent multi blade design held on shaft by shaft sleeve nuts.
- Deep stuffing boxes are provided to prevent entry of external air.
- Long life - Due to replaceable wearing parts.
- Dynamically balanced rotating parts ensure minimum vibrations.
- Easy maintenance and spares availability.

Applications

- Priming of large pumps .
- Evacuation of air from suction pipes and chambers.
- General applications : Drying, Evaporation, Distillation, Filtration, Sterilisation, Condensation, Degasification, sucking gases.
- Specific applications : Twist drilling machine, removing water from pulp layer, labeling, bottle filling, de-odorising.

