

# HIGH VACUUM PUMP

Toshniwal Vacuum has solutions for all your Vacuum needs

Over three decades of expertise in vacuum technology, we offer customized solutions ranging from individual products to a complete system.

New customer requirements have given rise to further development in Toshniwal Direct Driven Vacuum Pumps, the 72 - D series.



Beyond usual quality and reliability of Toshniwal pumps the 72 - D series pump offers improvement in the areas of quieter operation, smaller size and easy maintenance. Pumping capacities available are 120 to 900 lit/min.

**Toshniwal Vacuum Direct Drive pumps provide many advantages to the user:**



- Portable
- Highly reliable
- Low noise operation
- Double stage pumps
- Compact and sturdy design
- Advanced lubricating system
- Easy maintenance and usage

## Typical Application

- Filtration process
- Distillation process
- Dehydration process
- Dehydration of refrigeration
- Solvent concentration backing vapour pumps

## Quality

All the pumps are manufactured with durable material. All components are inspected and tested at every stage. Use of pumps with quality vacuum oil enhance the life of pump and quality of vacuum.

Ready availability of spares backed by efficient after sales service.



# Technical Data

## Technical Data For 72 - D Series

Model	72:120 - D	72:240 - D	72:500 - D	72:1000 - D
Free air displacement (lit/min)	120	240	480	900
Ultimate pressure (Torr)*	1x10 <sup>-3</sup>	1x10 <sup>-3</sup>	1x10 <sup>-3</sup>	1x10 <sup>-3</sup>
Motor (kW)	0.37	0.55	1.1	1.5
Voltage	220V, 50 Hz, 1Ø	220V, 50 Hz, 1Ø	415V, 50 Hz, 3Ø	415V, 50 Hz, 3Ø
Intake fittings	KF 25	KF 25	KF 40	KF 40
Oil capacity (lit)	0.80	1.0	2.5	4.0
Dimensions (mm)	488x145x280	528x145x280	575x172x350	703x338x453
Net Weight (kgs)	20	22	60	75
RPM	1400	1400	1400	1400

\*Specifications are subjected to changes without notice, measured on Mcleod Gauge

*Also available from TOSHNIWAL VACUUM*

*Centralised vacuum systems, Oil lubricated vacuum pumps, Oil immersed vacuum pumps, Roots pumps, Vacuum pumping systems, Vacuum impregnation plants, Epoxy resin mixing & Casting plants, Vacuum de-hydration cum gas charging unit, Oil less vacuum pump.*