



Oil Immersed Vacuum Pumps

Reliable, High-Vacuum Performance for
Demanding Industrial Applications

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With over 30 years of expertise in vacuum engineering, Toshniwal Vacuum offers customized vacuum solutions ranging from individual pumps to fully integrated systems. The GL Series is a robust, oil-sealed, belt-driven rotary vane pump designed to deliver consistent high vacuum performance across a wide range of industrial applications.

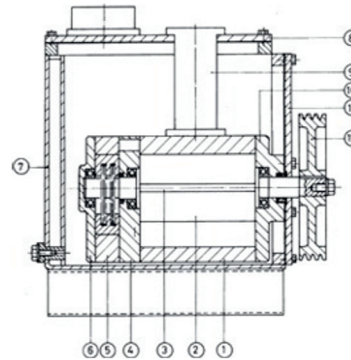
Operating on the rotary vane principle, the GL Series features a gas ballast valve and an advanced oil injection system that ensures effective sealing, lubrication, and cooling within the pump chamber. Available in both single-stage and double-stage models, with capacities ranging from 36 m³/hr to 300 m³/hr, these pumps are engineered to meet diverse vacuum requirements with precision and reliability.

Key Advantages

- High vacuum capability with guaranteed ultimate pressure
- Effective gas ballast for vapor handling
- Quiet operation with minimal vibration
- Advanced lubrication system for continuous-duty performance
- Compact and sturdy design for space-efficient installation
- Easy maintenance and long service life
- Highly reliable in demanding environments

Typical Applications

- Distillation & Dehydration
- Filtration & Thin Film Coating
- Vacuum Metallurgy & Sublimation
- Electronic Tube Exhausting
- Vacuum Impregnation
- Freeze-Drying of Food & Pharmaceuticals



Sl.No.	Description
1.	Body Stator
2.	Rotor
3.	Vane
4.	Centre Block
5.	Body Exhaust
6.	End Plate Blind Side
7.	Housing
8.	Top Plate
9.	Suction Connection
10.	End Plate Pulley Side
11.	Side Plate
12.	Pump Pulley

Quality Assurance

Every GL Series pump is manufactured using durable, corrosion-resistant materials, with rigorous inspection and testing at every stage of production to ensure consistent quality and performance.

Accessories

- Water-cooled condenser
- Filters for airborne liquid or resin
- Vacuum Hose
- Electro pneumatic isolation valve

Technical Data For GL Series

Model**	Nominal Capacity (m ³ /hr)	Ultimate Pressure (mbar)	Operating Voltage	Motor Power (hp)	Oil Capacity (L)	Weight of the pump with motor (Kg) approx.
GL 72.2000	120	1.33 X 10 ⁻³	415V 50Hz 3Ø	5	18	300
GL 72.3000	180			7.5	30	380
GL 72.5000	300			12.5/15*	50	665

* Power requirement to be selected according to the application.

** GL 72 are double stage series.