

VR-D SERIES

5 m³/h - 130 m³/h

Reliable, Quiet & Oil-Free

ELGi[®]
Always Better.



Dry Rotary Vane Vacuum Pumps

VR-D Series

Dry Rotary Vane
Vacuum Pumps

The Ideal Choice for **Clean, Efficient, and Low-Maintenance Vacuum Solutions**

The ELGi VR-D Series dry rotary vane vacuum pumps are essential in various industries due to their oil-free operation, ensuring contamination-free environments. These pumps offer high efficiency, reliability, and low maintenance, making them ideal for applications in pharmaceuticals, food processing, laboratories, electronics manufacturing, and more.

The compact design, durability, and cost-effectiveness of the ELGi VR-D Series highlight the importance of maintaining clean and stable vacuum conditions across diverse industrial processes. Customers benefit from advanced technology that guarantees performance and longevity, making these pumps a top choice for modern vacuum requirements.



APPLICATIONS

Discover the diverse sectors where ELGi VR-D Series Dry Rotary Vane Vacuum Pumps can be used.



LABORATORIES



CONSTRUCTION



FOOD & BEVERAGE



MEDICAL



SEMICONDUCTOR



PACKAGING



PNEUMATIC CONVEYING



PRINTING & PAPER



MANUFACTURING

FEATURES AND BENEFITS

RELIABLE DESIGN

Durable Graphite Vanes

Graphite vanes provide best-in-class longevity.

Compact Construction

Space-saving design offers flexibility for various installations.

CLEAN AND EFFICIENT

Oil-Free Technology

Delivers dry vacuum without the need for oil.

Zero Emissions and Contamination

Ensures a clean and environmentally friendly process.

Low Noise Operation

The low-noise, low-vibration operation and compact design make them ideal for use in quiet and highly integrated working environments

BEST-IN-CLASS WARRANTY *

Experience peace of mind with the ELGi VR-D Series. Our vacuum pumps are backed by an exceptional warranty program, setting a new standard in the industry for both product quality and customer assurance.

* T&C Apply

PRODUCT RANGE

VR 5D



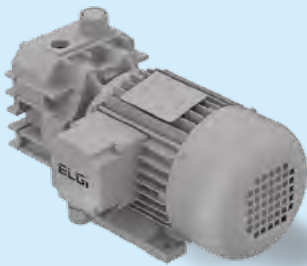
VR 8D



VR 10D



VR 12D



VR 16D



VR 25D



VR 40D



VR 60D



VR 100D



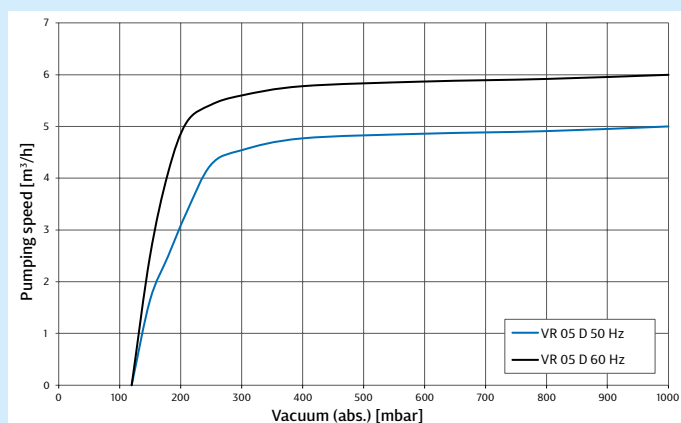
VR 140D



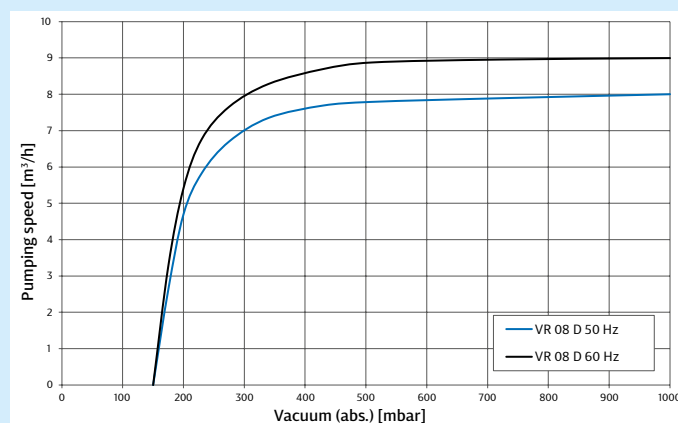
TECHNICAL SPECIFICATIONS - 50 HZ

Model	Nominal Flow (m ³ /h)	Vacuum Level (mbar)	Motor Power (kW)	Motor speed (rpm)	Weight (kg)	Dimensions L x B x H
VR 5 D	5	120	0.12	2800	5.4	226 x 139 x 138
VR 8 D	8	150	0.25	2800	8.5	259 x 167 x 147
VR 10 D	10	120	0.37	1400	15.5	304 x 182 x 167
VR 12 D	12	120	0.37	1400	14.5	304 x 182 x 167
VR 16 D	16	120	0.75	1400	31	412 x 206 x 271
VR 25 D	25	120	0.75	1400	30.5	412 x 206 x 271
VR 40 D	40	120	1.3	1400	41.5	485 x 230 x 293.5
VR 60 D	60	150	1.5	1400	66	692 x 365 x 382
VR 100 D	100	150	3.4	1400	87	820 x 365 x 382
VR 140 D	130	150	3.4	1400	95	820 x 365 x 382

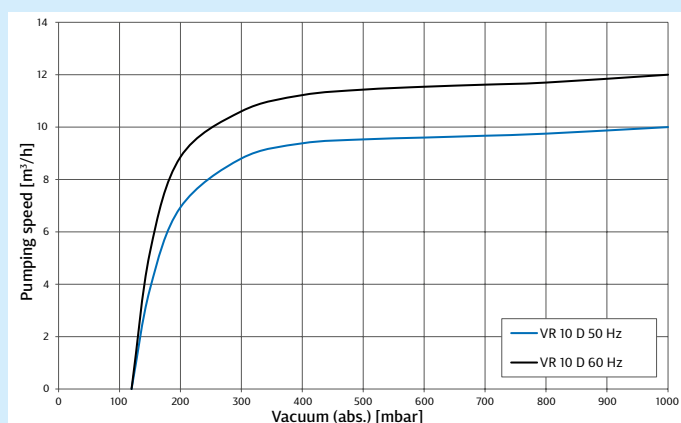
PERFORMANCE CURVES



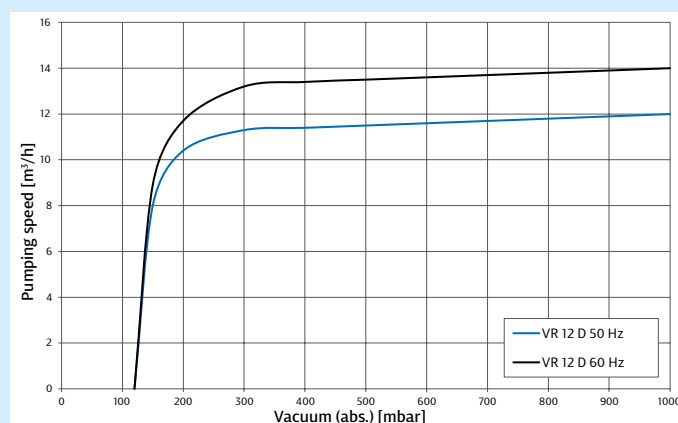
VR 5D



VR 8D

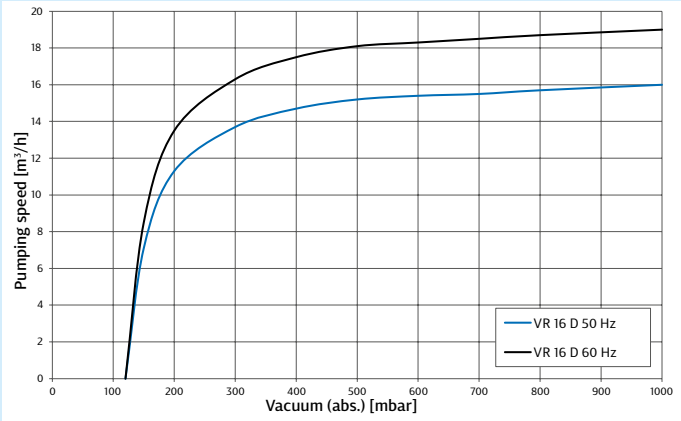


VR 10D

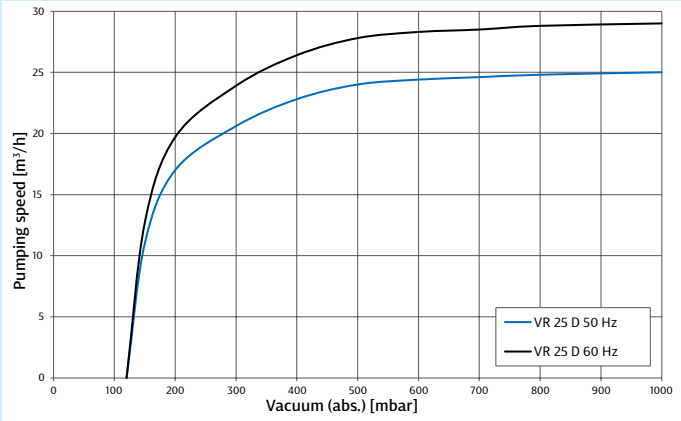


VR 12D

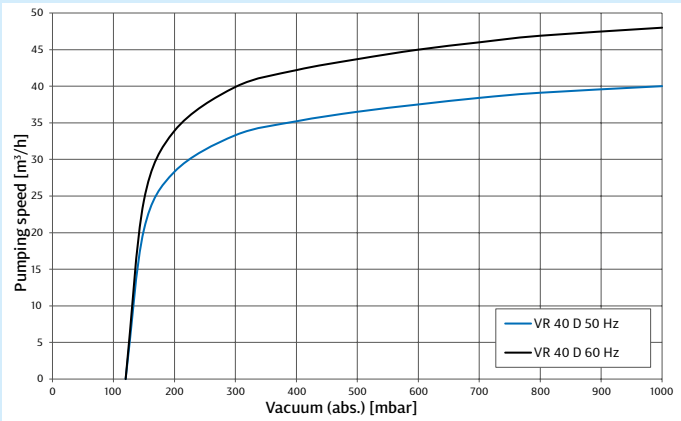
PERFORMANCE CURVES



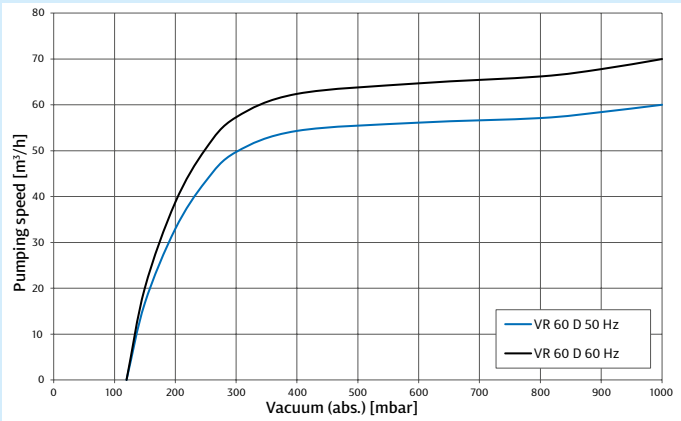
VR 16D



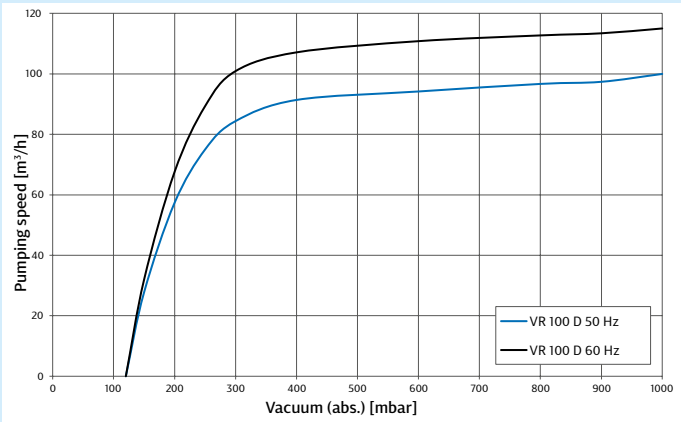
VR 25D



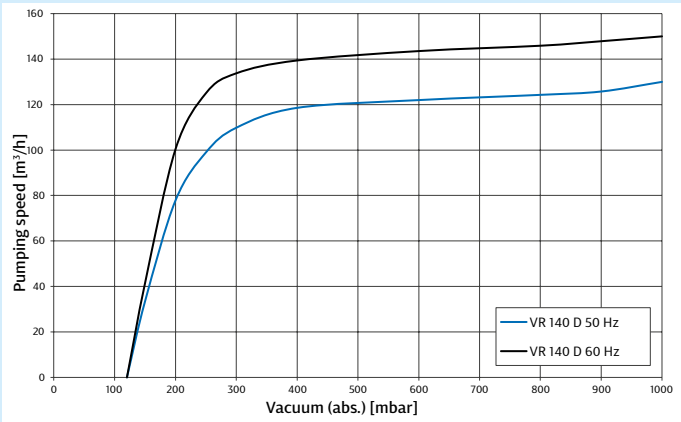
VR 40D



VR 60D



VR 100D



VR 140D

VR-D SERIES ACCESSORIES

1. Inlet Filter
2. Shock Mounts
3. Buffer Tank
4. Exhaust Filter
5. Vacuum Gauge
6. Vacuum Regulating Valve
7. Non Return Valve



AFTER SALES SERVICES

The after-sales services from ELGi is designed to maximize value for customers. ELGi's efficient service processes ensure reliability of vacuum pumps while minimizing operating costs.

Comprehensive Maintenance Solutions

ELGi takes charge of the maintenance planning and regular servicing of your vacuum pump. By utilizing the latest technology, ELGi ensures high energy efficiency and optimizes service schedules to minimize your total cost of ownership while maximizing productivity.

Expert Vacuum Specialists

ELGi's vacuum specialists are dedicated to enhancing your system's uptime and safeguarding your processes.

Regular maintenance by ELGi's specialists reduces the risk of wear and tear. Damaged or worn components are replaced with genuine ELGi spare parts, protecting your investment and extending the lifespan of your vacuum pumps.

Genuine Parts and Professional Service

Using ELGi's genuine parts and service enhances the performance of your vacuum pump, minimizes the risk of downtime, and ensures smooth, uninterrupted production.



Elgi Equipments Limited is a global air compressor manufacturer with a broad line of innovative and technologically superior compressed air systems.

ELGi has consistently worked towards ensuring that its customers achieve their productivity goals while keeping the cost of ownership low. ELGi offers a complete range of compressed air solutions from oil lubricated and oil free rotary screw

compressors, oil lubricated and oil free reciprocating compressors and centrifugal compressors, to vacuum pumps, dryers, filters, and downstream accessories.

With its world-class technology, superior service, and best-in-class warranty, the company's portfolio of over 400 products has found wide application across various industries.

60+

Years of Customer-Centric Innovation

2 Mn+

Installations Worldwide

120+

Countries and Counting



DEMING PRIZE* 2019

ELGi is the first globally established industrial air compressor manufacturer to be awarded the Deming Prize for Excellence in Total Quality Management.

*In over six decades

Corporate Office

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