



# Company

For 60 years PVR has been a leader providing high quality and reliable vacuum pumps. PVR means primarily trusted and advanced technologies, but also sustainable development for the stakeholders, environmental protection and focus on energy saving. The experience acquired during these years of activities, allows PVR to offer products and services that are always reliable and innovative.



## Machining Division

With a view to verticalization of its processes and increased capacity to provide more services to customers, PVR has had a specialized Machining Division for brass, steel, cast iron, stainless steel, and aluminum components since 2023.

Professionalism, experience, and quality characterise PVR Machining Division in the machining of numerous parts for vacuum pumps and components in the industrial, automotive, petrochemical, hydraulic, and electrical sectors.



## Service

PVR guarantees a qualified advice for every inquiry thanks to its skilled technical/sales office that supports every project. The Service Department assists and advises our customers with scheduled maintenance, qualified overhauls and spare parts ready for delivery.



**PVR Srl**

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Provide trusted & advanced technologies



## Dry Rotary Vane Vacuum Pumps **VD Series**



www.pvr.it

# VD Series

## Dry vane vacuum pumps

The VD series is formed by dry vane vacuum pumps extremely compact and light thanks to their monobloc design resulting in very quiet operation and vibration free mounting. They can be supplied complete with inlet and exhaust filters. A special vacuum tight version is available for gas analyser equipment.



### Applications

- Pick & place systems
- Cosmetic industries
- Laboratories
- Blister packaging machines
- Packaging machines
- Wood CNC machines
- Gas analysers
- Printing machines

### Options and accessories

- External inlet filter
- External Silencer

			VD 3	VD 6	VD 8	VD 16
Nominal pumping speed	m³/h	50 Hz	3	6	8	16
		60 Hz	3,6	7,2	9,6	19
Ultimate pressure (abs.)	mbar		≤150 (≤120*)	≤150 (≤120*)	≤150 (≤120*)	≤150
Motor power	kW	50 Hz $\frac{1}{3}$	0,12	0,25	0,25	0,55
		60 Hz $\frac{1}{3}$	0,15	0,3		0,70
Motor speed	min⁻¹	50 Hz	3000	3000	3000	1500
		60 Hz	3600	3600	3600	1800
Dimensions	mm	L x B x H	201x108x124	239x158x124	248x158x124	457x238x228
Total weight	kg		5	7	8	25

\* Vacuum tight version

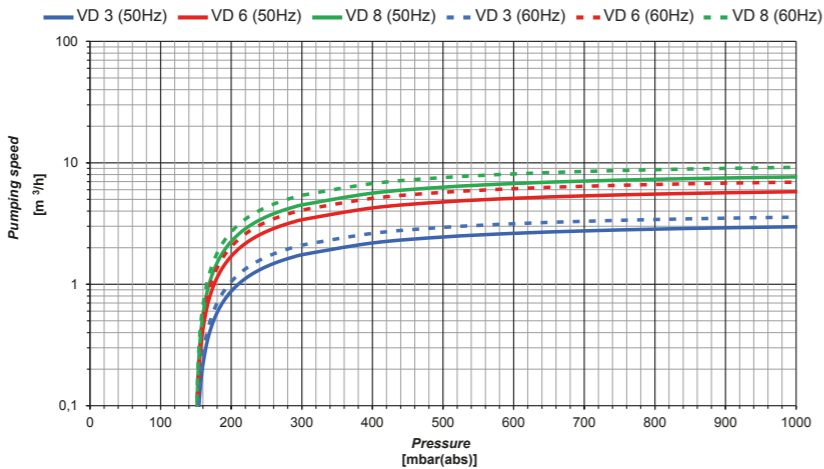
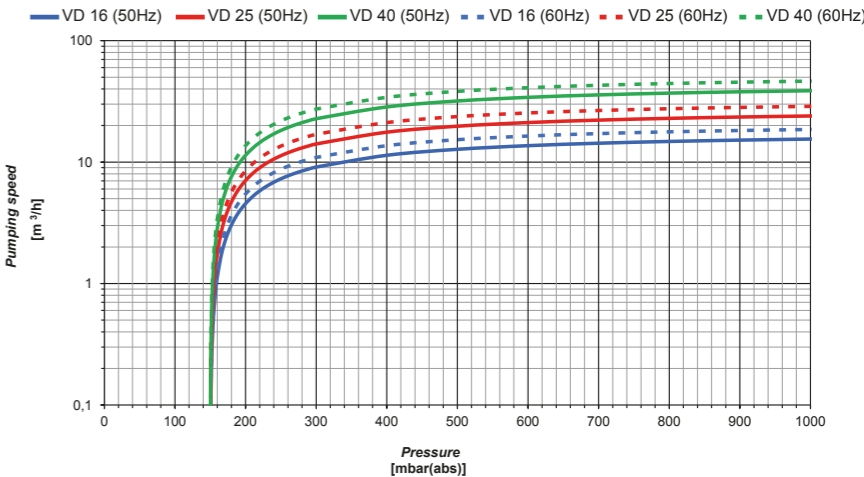


VD 3



VD 40

VD 25	VD 40
25	40
30	48
≤150	≤150
0,75	-
0,90	1,25
1500	1,50
1800	1500
525x256x258	579x256x258
33	36



## Dry vane vacuum technology

The dry vane vacuum pumps are 100% oil free (eco-friendly), easy to plug in and ready to work thanks to the vacuum regulation valve and the integrated suction filter.

Other features:

- Low maintenance cost
- Reliable
- Compact design
- Wide range electric motor
- Continuous operation from 150 mbar up to 900 mbar
- Direct current version on request

