



V-Series Dry Running Rotary Vane



V-VTN, V-DTN, V-KTN 16/26/41



Robust and innovative

This proven range of dry running rotary vanes has undergone a complete redesign.

The housing now is made of a one-piece plastic element that is extremely stable and offers improved noise reduction.

The interaction between the machine's different components has been optimised for a longer vane life. Since the purchasing price of the redesigned pump stays the same, these reliable vacuum pumps and compressors offer a clear reduction in life cycle costs.

Efficient and reliable

Under its robust and easy-to-handle cover these pumps offer major advantages to the user:

- Noise level reduced by 3 dB(A)
- Easy access to change filter
- Long vane life
- Lower temperature due to the new cooling system

- Comprehensive logistics
- On-time delivery
- Quick response times
- Designed and manufactured in Germany



Vacuum & Pressure

The  **innovation leader**



Used in a large variety of applications

This low noise, dry running allrounder with flexible connections will find its place virtually anywhere. It emits less heat due to the new cooling system and its cover protects the user from accidentally touching a hot surface.

The V-VTN, V-KTN and V-DTN range of rotary vane pumps and compressors is used in a large variety of applications with dry, non-aggressive gases – the printing industry and vacuum packaging being typical examples.

Advantages at a glance

- Noise level reduced by 3 dB(A)
- Easy to use
- Oil free exhaust air
- Robust and reliable
- Low energy consumption
- Low maintenance
- Low life cycle costs

Capacities

| Vacuum | Pressure | Pressure/Vacuum |
|------------------------------------|------------------------------------|------------------------------------|
| V-VTN | V-DTN | V-KTN |
| Capacity 17 – 50 m ³ /h | Capacity 17 – 52 m ³ /h | Capacity 16 – 51 m ³ /h |
| Max. end vacuum 150 mbar (abs.) | Overpressure up to 1 bar | Pressure/vacuum up to ± 0.6 bar |

at 50/60 Hz

**Gardner
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