

## Product-Information

### **TURBOVAC 361 (C) ClassicLine**

Turbomolecular Pumps with Mechanical Rotor Suspension without Compound Stage  
Cat. No.: 85670



## Product-Description

### Typical Applications

- Leak detectors
- Mass spectrometers
- Data storage
- Optical coating
- R  
& D, e.g.
  - UHV systems
  - Particle accelerators
- Load locks and transfer chambers

### Technical Features

- Compact design
- Operation in any orientation

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- Oil-free pump for generating clean high- and ultrahigh-vacuum conditions

Advantages to the User

- Space-saving
- Easy to integrate into complex vacuum systems
- Low operating costs
- Highly reliable operation also in processes loaded with particles

Recommended Fore Vacuum Pumps

- TR32A C D 16 B, 3-ph, 230/400 V 50 Hz; 250/440 V 60 Hz
- TR32A C D 16 B, 3-ph, 230/400 V 50 Hz; 250/440 V 60 Hz
- TR25A C D 25 B, 1-ph, 230 V 50/60 Hz
- TR25A C D 25 B, 1-ph, 230 V 50/60 Hz
- TR35A C D 25 B, 3-ph, 230/400 V 50 Hz; 250/440 V 60 Hz
- TR35A C D 25 B, 3-ph, 230/400 V 50 Hz; 250/440 V 60 Hz
- TR27A C D 25 B, 3-ph, 230/400 V 50 Hz; 250/440 V 60 Hz
- TR27A C D 25 B, 3-ph, 230/400 V 50 Hz; 250/440 V 60 Hz
- SCROLLVAC SC 30C, 1-ph, 200 V AC, 50/60 Hz
- SCROLLVAC SC 30C, 1-ph, 200 V AC, 50/60 Hz
- SCROLLVAC SC 30C, 1-ph, 115 V AC, 50/60 Hz
- SCROLLVAC SC 30C, 1-ph, 115 V AC, 50/60 Hz
- SCROLLVAC SC 30C, 1-ph, 230 V AC, 50 Hz; 240/230 V AC, 50 Hz; 200/230 V AC, 60 Hz

DN 100 ISO-K/DN 25 KF, water-cooled

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Description	Unit	Value
Compression ratio He		6E4
Compression ratio N2		1E9
Fore vacuum connection	DN	25 KF
High vacuum connection flange	DN	100 ISO-K
Max continuous inlet pressure, water cooled	mbar	5E-2
Max. fore vacuum pressure for N2	mbar	5E-1
Max. gas throughput Ar	mbar x l x s-1	7,5
Max. gas throughput N2	mbar x l x s-1	7,5
Power consumption at ultimate pressure	VA	480
Pumping speed Ar according to PNEUROP	l x s E-1	350
Pumping speed H2 according to PNEUROP	l/s	340
Pumping speed He according to PNEUROP	l/s	340
Pumping speed N2 according to PNEUROP	l/s	345
Purge / Vent port	DN	10 KF
Recommended fore vacuum pump		von TRIVAC D 16 B bis TRIVAC D 25 B
Run-up time to 95%	min	2
Weight	kg	12

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Saugvermögenskurve



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Maßwerte-Tabelle



Technische Zeichnung

