

## Product-Information

### **TURBOVAC 600 C ClassicLine**

Turbomolecular Pumps with Mechanical Rotor Suspension without Compound Stage  
Cat. No.: 800150V0015



## Product-Description

### Typical Applications

- Load locks and transfer chambers
- Flat panel displays
- Optical coating
- R & D

### 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

- Installation in any orientation



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| Description                                 | Unit           | Value                            |
|---|----------------|----------------------------------|
| Compression ratio He                        |                | 2E4                              |
| Compression ratio N2                        |                | > 1E9                            |
| Fore vacuum connection                      | DN             | 40 KF                            |
| High vacuum connection flange               | DN             | 160 ISO-K                        |
| Max continuous inlet pressure, water cooled | mbar           | 1E-2                             |
| Max. fore vacuum pressure for N2            | mbar           | 1E-1                             |
| Max. gas throughput Ar                      | mbar x l x s-1 | < 4                              |
| Max. gas throughput N2                      | mbar x l x s-1 | < 4                              |
| Power consumption at ultimate pressure      | VA             | 480                              |
| Pumping speed H2 according to PNEUROP       | l/s            | 570                              |
| Pumping speed He according to PNEUROP       | l/s            | 600                              |
| Pumping speed N2 according to PNEUROP       | l/s            | 560                              |
| Purge / Vent port                           | DN             | 10 KF                            |
| Recommended fore vacuum pump                |                | TRIVAC D 25 B /<br>TRIVAC D 40 B |
| Run-up time to 95%                          | min            | 4                                |
| Speed                                       | 1/min          | 36000                            |
| Weight                                      | kg             | 17                               |

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Saugvermögenskurve



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Maßwerte-Tabelle



Technische Zeichnung

