

## Product-Information

### **TURBOVAC 1000 / 1100 C ClassicLine**

Turbomolecular Pumps with Mechanical Rotor Suspension without Compound Stage  
Cat. No.: 11764



## Product-Description

### Typical Applications

- Evaporation and sputtering systems
- Metallurgy
- Research systems

### Technical

#### Features

- Robust rotor design
- Operation in any orientation
- Highest pumping speed and throughput

### Advantages to the User

- Installation in any orientation

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- Highly reliable due to hybrid ceramic ball bearings
- Standard model: Venting flange, water cooling
- Options: Air cooling, purge gas facility

TURBOVAC 1000 C, DN 200 CF/DN 40 ISO-K, water-cooled

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Description	Unit	Value
Compression ratio He		5E4
Compression ratio N2		> 1E9
Cooling		Wassergekühlt
Fore vacuum connection	DN	40 ISO-K
High vacuum connection flange	DN	200 CF
Pumping speed H2 according to PNEUROP	l/s	970
Pumping speed He according to PNEUROP	l/s	975
Pumping speed N2 according to PNEUROP	l/s	1100
Recommended fore vacuum pump for standard operation		TRIVAC D 25 B / TRIVAC D 40 B
Recommended fore vacuum pumps for purge gas operation		TRIVAC D 40 B / TRIVAC D 65 B
Run-up time to 95%	min	4
Speed	1/min	36000
Weight	kg	25

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Saugvermögenskurve



Maßwerte-Tabelle

DN		h	h <sub>1</sub>	h <sub>2</sub>	h <sub>3</sub>	h <sub>4</sub>	a	a <sub>1</sub>	b	ø d	ø d <sub>1</sub>
160 CF/40 KF <sup>1)</sup>	mm	348	108	99	121	83	140	133	141	241	258
	in.	13.70	4.25	3.90	4.76	3.27	5.51	5.24	5.55	9.49	10.16
200 CF/40 KF <sup>1)</sup>	mm	336	108	99	121	83	140	133	141	241	258
	in.	13.23	4.25	3.90	4.76	3.27	5.51	5.24	5.55	9.49	10.16
250 ISO-K/40 KF <sup>1)</sup>	mm	307	108	99	121	83	140	133	141	241	258
	in.	12.09	4.25	3.90	4.76	3.27	5.51	5.24	5.55	9.49	10.16
250 ISO-K/63 KF <sup>2)</sup>	mm	310	111	94	121	91	153	133	141	241	258
	in.	12.20	4.37	3.70	4.76	3.58	6.02	5.24	5.55	9.49	10.16

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**Technische Zeichnung**

DN		h	h <sub>1</sub>	h <sub>2</sub>	h <sub>3</sub>	h <sub>4</sub>	a	a <sub>1</sub>	b	∅ d	∅ d <sub>1</sub>
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