

Technical Data

Product: TURBOVAC 361 C
Part No.: 85675

Inlet connection:	DN 100 ISO-K	
Outlet connection:	DN 25 ISO-KF	
Pumping speed		
N ₂ - Nitrogen:	345 l/s	
Ar - Argon:	350 l/s	
He - Helium:	340 l/s	
H ₂ - Hydrogen:	340 l/s	
Gas throughput		
N ₂ - Nitrogen:	3.0 mbar x l/s	
Ar - Argon:	2.5 mbar x l/s	
He - Helium:	3.0 mbar x l/s	
H ₂ - Hydrogen:	2.0 mbar x l/s	
Compression ratio		
N ₂ - Nitrogen:	1.0 x 10 ⁹	
Ar - Argon:	1.0 x 10 ⁹	
He - Helium:	6.0 x 10 ⁴	
H ₂ - Hydrogen:	3.0 x 10 ³	
Ultimate pressure:	< 1.0 x 10 ⁻¹⁰ mbar	< 7.5 x 10 ⁻¹¹ Torr
Max. foreline pressure for N ₂ :	5.0 x 10 ⁻¹ mbar	3.8 x 10 ⁻¹ Torr
Nominal rotation speed:	45000 min ⁻¹	45000 rpm
Run -up time:	≈ 2 min	
Max. power consumption:	300 W	
Power consumption at ultimate pressure:	70 W	
Protection rating:	IP 20	
Admissible ambient temperature:	10 - 55°C	50 - 131°F
Cooling standard:	Water	
Cooling optional:	Air	
Cooling water connection:	10 mm hose nozzle	
Cooling water consumption:	15 - 35 l/h	
Permissible cooling water pressure:	3 - 7 bar	
Permissible cooling water temperature:	10 - 25°C	
Dimensions:	see dimension sheet	
Weight:	≈ 12.0 kg	≈ 26.0 lbs

Technical data are subject to change