

Technical Data

Product: RUVAC WA 1001
Part No.: 11740

Inlet connection:	DN 100 ISO-K	
Outlet connection:	DN 100 ISO-K	
Nominal pumping speed at 50 Hz:	1.000 m ³ /h	589 cfm
Nominal pumping speed at 60 Hz:	1.200 m ³ /h	707 cfm
Pumping speed at 50 Hz with backing pump SOGEVAC SV 300:	800 m ³ /h	470 cfm
Pumping speed at 60 Hz with backing pump SOGEVAC SV 300:	1.000 m ³ /h	588 cfm
Ultimate partial pressure with backing pump SOGEVAC SV 300:	< 8.0 x 10 ⁻³ mbar	< 6.0 x 10 ⁻³ Torr
Ultimate total pressure with backing pump SOGEVAC SV 300:	< 4.0 x 10 ⁻² mbar	< 3.0 x 10 ⁻² Torr
Cut-in pressure at 50 Hz:	60.0 mbar	45.0 Torr
Cut-in pressure at 60 Hz:	45.0 mbar	33.5 Torr
Max. permissible pressure difference:	80.0 mbar	60.0 Torr
Leak rate:	≤ 5.0 x 10 ⁻⁴ mbar l/s	
Operating fluid:	LEYBONOL LVO 100	
Operating fluid capacity bearing chamber at vertical direction of flow, approx.:	1.8 l	1.90 qt
at horizontal direction of flow, approx.:	1.1 l	1.16 qt
Operating fluid capacity shaft seal housing:	1.3 l	1.37 qt
Noise level to DIN 45 635:	< 75 dB(A)	
Mains connection:	3-ph, 200-240/380-400 V, 50 Hz 3-ph, 200-240/380-480 V, 60 Hz	
Motor rating:	4.0 kW	5.4 HP
Nominal rotation speed at 50 Hz:	3.000 min ⁻¹	3.000 rpm
Nominal rotation speed at 60 Hz:	3.600 min ⁻¹	3.600 rpm
Max. permissible rotation speed:	3.600 min ⁻¹	3.600 rpm
Motor protection rating:	IP 55	
Admissible ambient temperature:	+12 to +40°C	+54 to +104°F
Dimensions:	see dimension sheet	
Weight:	≈ 220 kg	≈ 485 lbs

Technical data are subject to change