

## Technical Data

Product: RUVAC WS 1001  
Part No.: 11742

Inlet connection:	DN 100 ISO-K	
Outlet connection:	DN 100 ISO-K	
Nominal pumping speed at 50 Hz:	1.000 m <sup>3</sup> /h	589 cfm
Nominal pumping speed at 60 Hz:	1.200 m <sup>3</sup> /h	707 cfm
Pumping speed at 50 Hz		
with backing pump SOGEVAC SV 300 B:	800 m <sup>3</sup> /h	470 cfm
Pumping speed at 60 Hz		
with backing pump SOGEVAC SV 300 B:	1.000 m <sup>3</sup> /h	588 cfm
Ultimate partial pressure		
with backing pump SOGEVAC SV 300 B:	< 8.0 x 10 <sup>-3</sup> mbar	< 6.0 x 10 <sup>-3</sup> Torr
Ultimate total pressure		
with backing pump SOGEVAC SV 300 B:	< 4.0 x 10 <sup>-2</sup> mbar	< 3.0 x 10 <sup>-2</sup> 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:	≤ 1.0 x 10 <sup>-4</sup> 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
Noise level to DIN 45 635:	< 68 dB(A)	
Mains connection motor fan:	1-ph, 230/265 V, 50/60 Hz	
Mains connection:	3-ph, 220-230/400 V, 50 Hz	
	3-ph, 200-265/460 V, 60 Hz	
Motor rating:	4.0 kW	5.4 HP
Nominal rotation speed at 50 Hz:	3.000 min <sup>-1</sup>	3.000 rpm
Nominal rotation speed at 60 Hz:	3.600 min <sup>-1</sup>	3.600 rpm
Max. permissible rotation speed:	6.000 min <sup>-1</sup>	6.000 rpm
Motor protection rating:	IP 20	
Admissible ambient temperature:	+12 to +40°C	+54 to +104°F
Dimensions:	see dimension sheet	
Weight:	≈ 228 kg	≈ 503 lbs

Technical data are subject to change