

Technical Data

Product: RUVAC WS 251
Part No.: 11722

Inlet connection:	DN 63 ISO-K	
Outlet connection:	DN 63 ISO-K	
Nominal pumping speed at 50 Hz:	253 m ³ /h	149 cfm
Nominal pumping speed at 60 Hz:	304 m ³ /h	179 cfm
Pumping speed at 50 Hz		
with backing pump TRIVAC D 65 B:	210 m ³ /h	124 cfm
Pumping speed at 60 Hz		
with backing pump TRIVAC D 65 B:	251 m ³ /h	148 cfm
Ultimate partial pressure		
with backing pump TRIVAC D 65 B:	< 2.0 x 10 ⁻⁵ mbar	< 1.5 x 10 ⁻⁵ Torr
Ultimate total pressure		
with backing pump TRIVAC D 65 B:	< 8.0 x 10 ⁻⁴ mbar	< 6.0 x 10 ⁻⁴ Torr
Cut-in pressure at 50 Hz:	90.0 mbar	67.5 Torr
Cut-in pressure at 60 Hz:	60.0 mbar	45.0 Torr
Max. permissible pressure difference:	80.0 mbar	60.0 Torr
Leak rate:	≤ 1.0 x 10 ⁻⁴ mbar l/s	
Operating fluid:	LEYBONOL LVO 100	
Operating fluid capacity bearing chamber		
at vertical direction of flow, approx.:	0.60 l	0.63 qt
at horizontal direction of flow, approx.:	0.45 l	0.48 qt
Noise level to DIN 45 635:	< 63 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:	1,1 kW	1,5 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:	6.000 min ⁻¹	6.000 rpm
Motor protection rating:	IP 20	
Admissible ambient temperature:	+12 to +40°C	+54 to +104°F
Dimensions:	see dimension sheet	
Weight:	≈ 90 kg	≈ 199 lbs

Technical data are subject to change