

Technical Data

Product: RUVAC WS 2001 - 100 Hz-Version
 Part No.: 167007

Inlet connection:	DN 160 ISO-K	
Outlet connection:	DN 160 ISO-K	
Nominal pumping speed at 50 Hz:	2.050 m ³ /h	1.208 cfm
Nominal pumping speed at 60 Hz:	2.460 m ³ /h	1.449 cfm
Pumping speed at 50 Hz		
with backing pump SOGEVAC SV 630 BF:	1.850 m ³ /h	1.089 cfm
Pumping speed at 60 Hz		
with backing pump SOGEVAC SV 630 BF:	2.100 m ³ /h	1.236 cfm
Ultimate partial pressure		
with backing pump SOGEVAC SV 630 BF:	< 8.0 x 10 ⁻³ mbar	< 6.0 x 10 ⁻³ Torr
Ultimate total pressure		
with backing pump SOGEVAC SV 630 BF:	< 4.0 x 10 ⁻² mbar	< 3.0 x 10 ⁻² Torr
Cut-in pressure at 50 Hz:	30.0 mbar	22.5 Torr
Cut-in pressure at 60 Hz:	25.0 mbar	18.5 Torr
Max. permissible pressure difference:	50.0 mbar	37.5 Torr
Leak rate:	≤ 1,0 x 10 ⁻⁴ mbar l/s	
Operating fluid:	LEYBONOL LVO 210	
Operating fluid capacity bearing chamber		
at vertical direction of flow, approx.:	3.6 l	3.81 qt
at horizontal direction of flow, approx.:	2.4 l	2.54 qt
Noise level to DIN 45 635:	< 72 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:	7.5 kW	10.0 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:	≈ 458 kg	≈ 1.010 lbs

Technical data are subject to change