

Technical Data

Product: RUVAC WHU 2500 - MS - for direct mains connection
 Part No.: 155281V

Inlet connection:	DN 250 ISO-K	
Outlet connection:	DN 160 ISO-K	
Nominal pumping speed		
at 50 Hz:	2.500 m ³ /h	1.473 cfm
at 60 Hz:	3.000 m ³ /h	1.767 cfm
Pumping speed with backing pump		
DRYVAC DV 650:		
at 50 Hz:	2.200 m ³ /h	1.296 cfm
at 60 Hz:	2.500 m ³ /h	1.473 cfm
Ultimate total pressure:	upon request	
Max. permissible pressure difference		
at 50 Hz:	150 mbar	112 Torr
at 60 Hz:	150 mbar	112 Torr
Leak rate:	$\leq 1,0 \times 10^{-5}$ mbar l/s	
Operating fluid:	LEYBONOL LVO 410	
Operating fluid capacity bearing chamber:	1,20 l	1.27 qt
Noise level to DIN 45 635:	< 63 dB(A)	
Cooling water consumption:	60 - 180 l/h	
Permissible cooling water pressure:	2 - 6 bar	
Permissible cooling water temperature:	+5 to +35°C	+41 to +95°F
Cooling water connections:	G 1/4", inside thread	

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Mains connection:	3-ph, 360-440 V, 50 Hz 3-ph, 410-500 V, 60 Hz	
Motor rating:	6,2 kW, 50 Hz 7,4 kW, 60 Hz	8.4 HP 10.06 HP
Idle mode power consumption		
at 50 Hz:	0,9 kW	1.22 HP
at 60 Hz:	1,0 kW	1.35 HP
Nominal rotation speed		
at 50 Hz:	3.000 min ⁻¹	3.000 rpm
at 60 Hz:	3.600 min ⁻¹	3.600 rpm
Min. permissible rotation speed:	1.200 min ⁻¹	1.200 rpm
Max. permissible rotation speed:	3.600 min ⁻¹	3.600 rpm
Motor protection rating:	IP 55	
Admissible ambient temperature:	+5 to +50°C	+41 to +122°F
Dimensions:	see dimension sheet	
Weight:	≈ 420 kg	≈ 926 lbs

Technical data are subject to change