

12 Technical Data

		RA 0160 D	RA 0202 D	RA 0250 D	RA 0302 D
Nominal pumping speed (50Hz / 60Hz)	m ³ /h	160 / 190	200 / 240	250 / 300	300 / 360
Ultimate pressure (without gas ballast valve)	hPa (mbar) abs.	0.1 ... 0.5 ► see nameplate (NP)			
Ultimate pressure (with gas ballast valve)	hPa (mbar) abs.	0.5 ... 1.0			
Nominal motor speed (50Hz / 60Hz)	min ⁻¹	1500 / 1800			
Permitted motor speed range	min ⁻¹	1200 ... 1800			
Nominal motor rating (50Hz / 60Hz)	kW	4.0 / 6.6	4.0 / 6.6	5.5 / 9.2	7.5 / 9.2
Power consumption at 100 mbar (50Hz / 60Hz)	kWh	3.7 / 4.7	4.4 / 5.4	5.8 / 7.0	6.3 / 7.8
Power consumption at ultimate pressure (50Hz / 60Hz)	kWh	2.6 / 3.1	3.5 / 4.2	4.5 / 5.5	5.0 / 5.8
Noise level (EN ISO 2151) (50Hz / 60Hz)	dB(A)	70 / 72	72 / 74	72 / 74	74 / 76
Water vapour tolerance max. (with gas ballast valve)	hPa (mbar)	40			
Water vapour capacity (with gas ballast valve) (50Hz / 60Hz)	kg / h	2.5 / 2.8	4 / 4.6	4.5 / 5	5 / 5.8
Max. allowable pressure in the oil mist separator	hPa (mbar) abs.	1600			
Max. allowable gas inlet tem- perature	°C	≤50 hPa (mbar) ► 150			
		>50 hPa (mbar) ► 80			
Ambient temperature range	°C	See Oil [► 29]			
Ambient pressure		Atmospheric pressure			
Oil capacity	l	5.0		6.5	
Weight approx.	kg	140		190	