



Leybold Ecodry 40 Plus, 65 Plus

Technical Specifications

		ECODRY 40 plus	ECODRY 65 plus
Maximum pumping speed without gas ballast	m ³ /h	40	55
Ultimate pressure without gas ballast	mbar	< 0.03	< 0.03
Ultimate pressure with gas ballast	mbar	< 0.1	< 0.1
Leak rate	mbar l/s	< 10 ⁻⁵	< 10 ⁻⁵
Water vapour tolerance with gas ballast	mbar	20	20
Water vapour capacity with gas ballast	g/h	300	500
Maximum permissible inlet pressure	mbar	1050	1050
Permissible ambient temperature	°C	+5 to +40	+5 to +40
Max. installation height (up to NHN)	m	2000	2000
Cooling		Air	Air
Mains voltage	V	200-240 +/- 10%	200-240 +/- 10%
Frequency	Hz	50/60	50/60
Phases		1-ph	1-ph
Max. power consumption	W	1200	1200
Power consumption at ultimate pressure	W	600	600
Plug connector for power supply		C 20 acc. to IEC 60320	C 20 acc. to IEC 60320
Rotational speed	rpm	12600	12600
Protection class	IP	42	42
Intake flange		DN 25 ISO-KF	DN 40 ISO-KF
Outlet flange		DN 16 ISO-KF	DN 16 ISO-KF
Weight, approx.	kg	43	43
Dimensions (L x W x H)	mm	623 x 320 x 298	623 x 320 x 298





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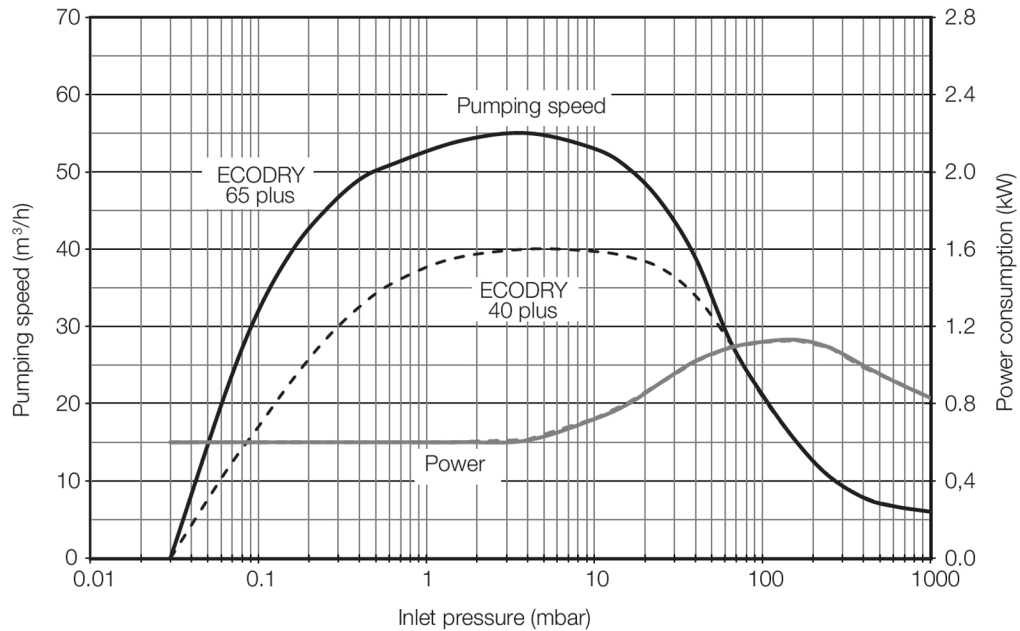
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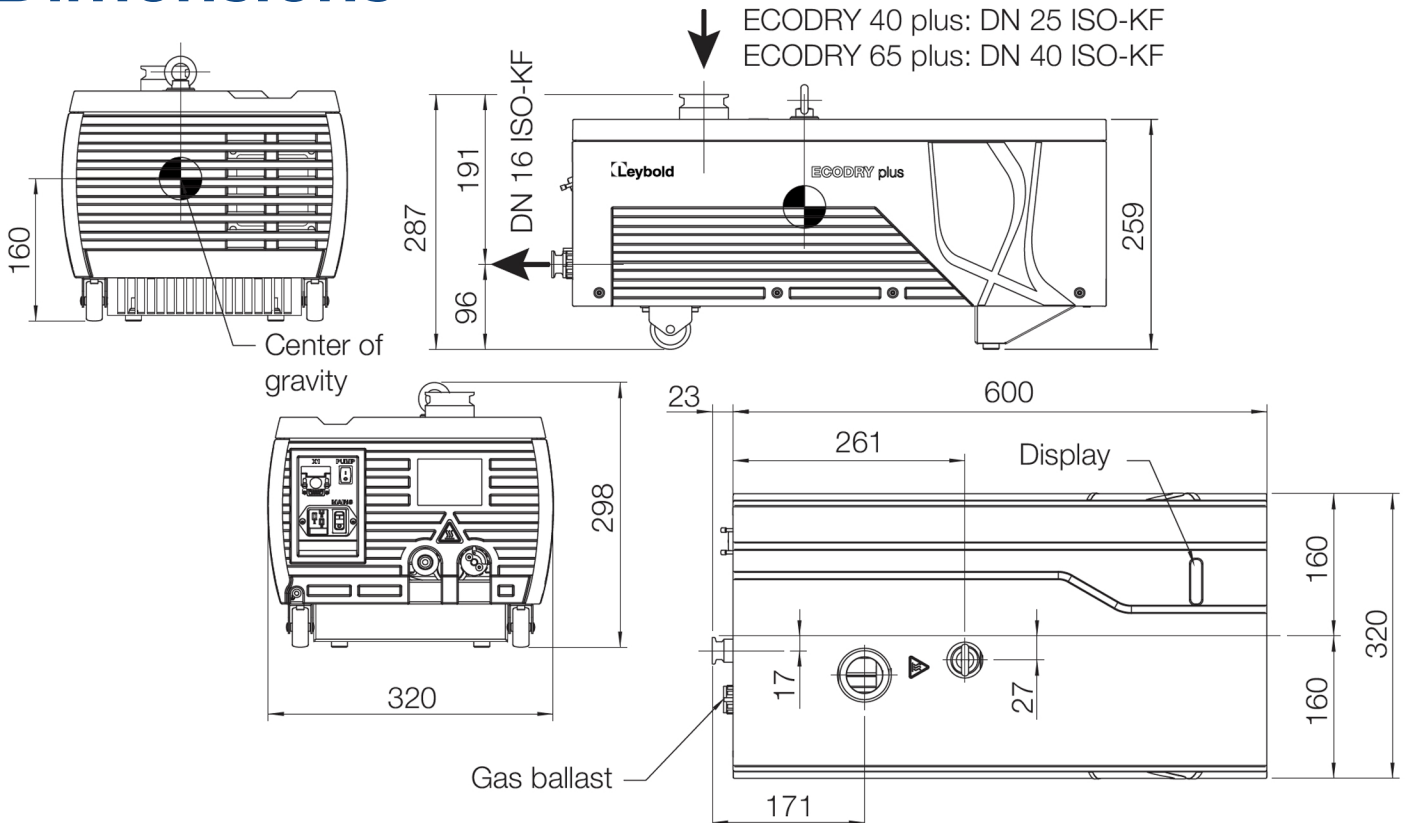
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Leybold Ecodry 40 Plus, 65 Plus Pumping Curves



Dimensions





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Leybold Ecodry 40 Plus, 65 Plus Features & Benefits

- specially designed for use in quiet, clean environments
- low noise, low vibration operation
- oil-free suction chamber prevents contamination
- long-term stable operation with no deterioration in final pressure or suction capacity
- compact housing
- ease of use & integration
- maintenance free operation
- high water vapor tolerance

Applications

- mass spectrometry • electron microscopy • vacuum drying • particle accelerators/synchrotron • spectroscopy • regeneration of cryo pumps • backing pumps for turbo pumps • surface analysis