



PROVAC

SALES

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Alcatel 2005Hi

Technical Specifications

		Units	2005H1
Nominal pumping speed (*)	50Hz	m ³ /h	5.4
	60Hz	cfm	3.8
Pneurop pumping speed (*)	50Hz	m ³ /h	4.8
	60Hz	cfm	3.4
Ultimate partial pressure (*)		mbar	10 ⁻⁴
Ultimate total pressure (*)		mbar	2.10 ⁻³
Min exhaust pressure		mbar	50
Max exhaust pressure		mbar	2000
Tightness : leak rate		mbar.l/s	2.10 ⁻⁷
Water cooling flow (20°C)		l/mn	-
Dimensions		see page	22
Electrical motors		see page	6
Weight (max)		kg (lbs)	27 (59.5)
Max nominal power rating	50/60Hz	kW	0.45/0.55
Min ambient temperature		°C (°F)	12 (54)
Max ambient temperature		°C (°F)	35 (95)
Oil capacity		l	0.58
Inlet flange		ISO-KF	DN 25
Exhaust flange		ISO-KF	DN 25

(*): according to Pneurop specifications; with ALCATEL mineral oil.



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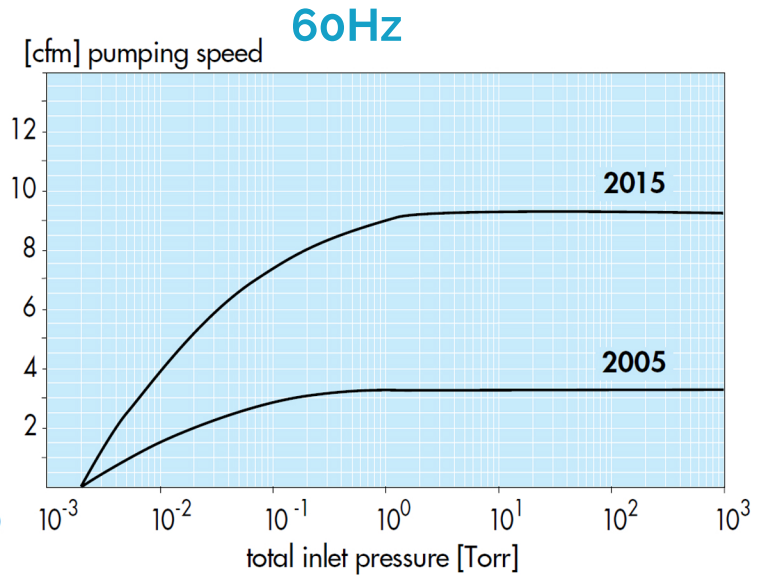
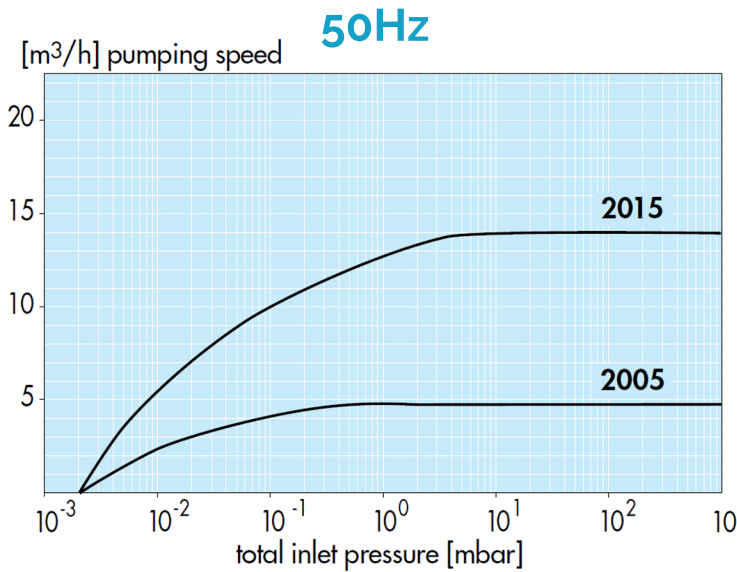
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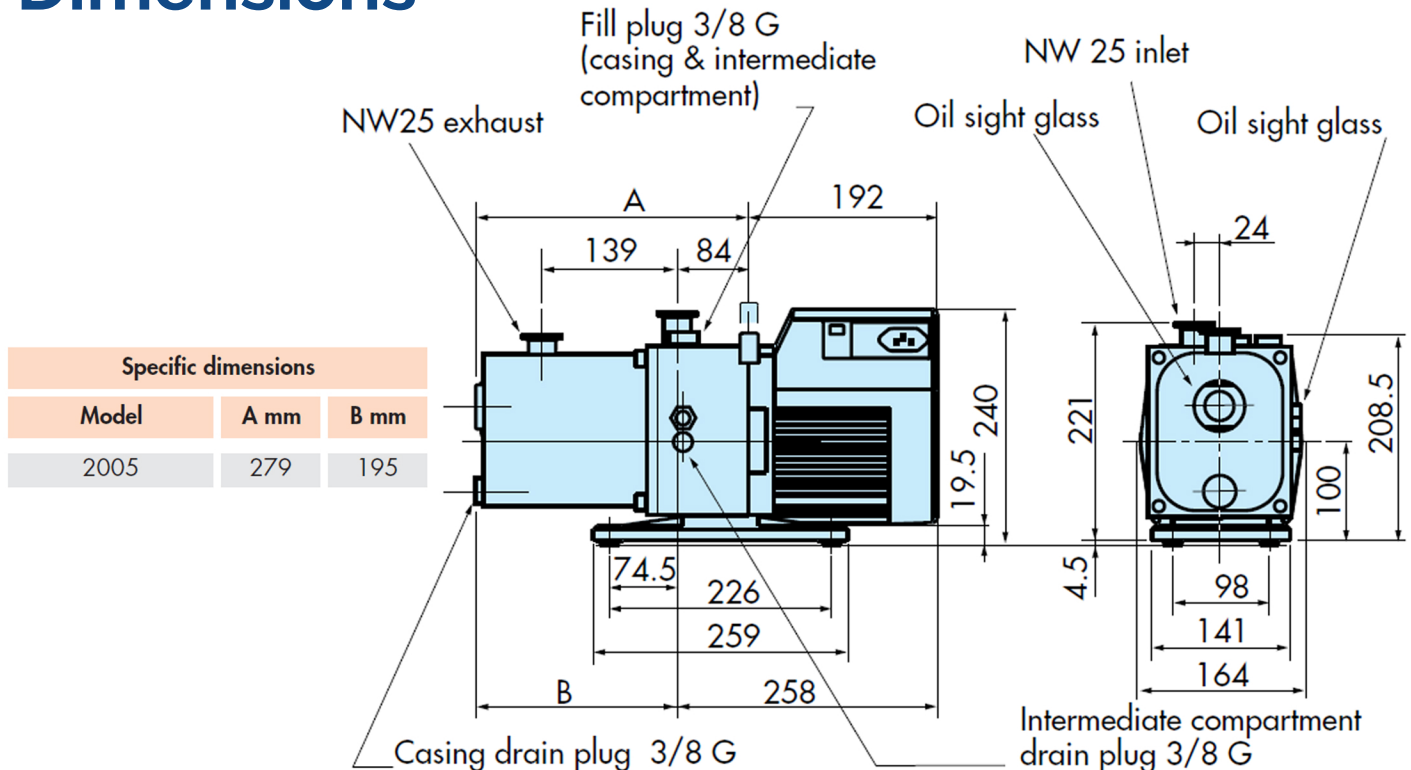
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Alcatel 2005Hi Pumping Curves



Dimensions





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Alcatel 2005Hi Features & Benefits

- hermetic series features very high level of tightness
- designed for pumping helium 3, precious/exotic gases
- oil casing made of stainless steel
- shaft sealing includes additional oil sealed compartment
- forced lubrication
- built-in anti-suckback
- efficient air cooling

Applications

- refrigeration • air conditioning • cryogenics • gas recovery

