



Vacuubrand PC 101NT

Technical Specifications

		PC 101 NT
Vacuum controller		Manometer
Number of heads / stages		2 / 2
Max. pumping speed at 50/60 Hz	m ³ /h	2.0 / 2.3
Max. pumping speed at 50/60 Hz	cfm	1.2 / 1.4
Ultimate vacuum (abs.)	mbar/torr	7 / 5
Ultim. vac. (abs.) with gas ballast	mbar/torr	12 / 9
Ambient temperature range (operation)	°C	10 - 40
Ambient temperature range (storage)	°C	-10 - 60
Max. back pressure (abs.)	bar	1.1
Inlet connection		Hose nozzle DN 8-10 mm
Outlet connection		Hose nozzle DN 8-10 mm
Coolant connection		2 x hose nozzle DN 6-8 mm
Rated motor power	kW	0.18
Rated motor speed at 50/60 Hz	min-1	1500/1800
Protection class		IP 40
Dimensions (L x W x H)	mm	326 x 243 x 402
Weight	kg	14.5
Noise level at 50 Hz, typ.	dBA	45
NRTL certification		Canada and the USA
ATEX conformity (only 230V)		II 3/- G IIC T3 X Internal Atm. only
Items supplied		Pumping unit completely mounted, ready for use, with manual.
Accessories		Rubber vacuum tubing DN 8 mm (20686001)



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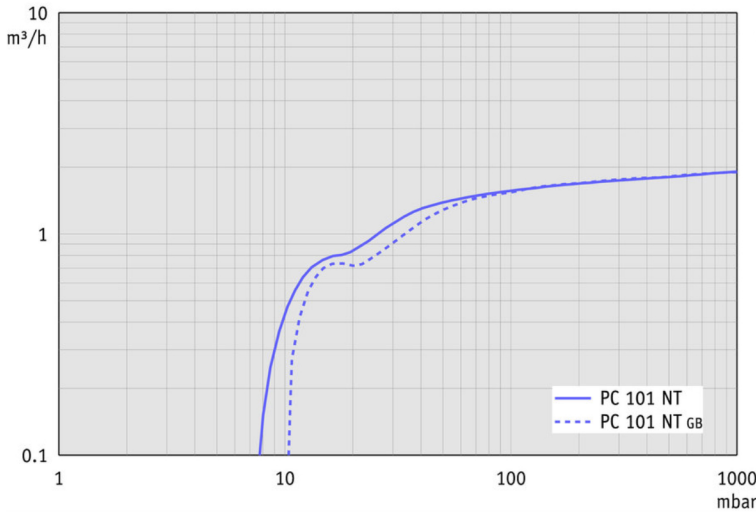
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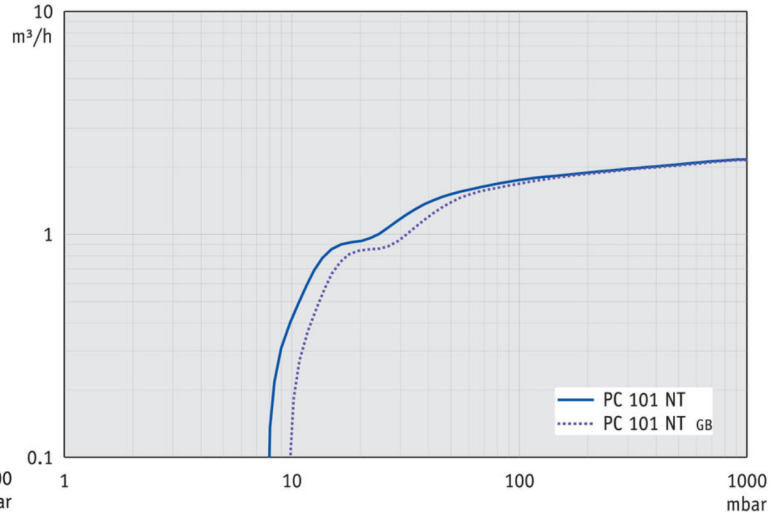
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Vacuubrand PC 101NT Pumping Curves

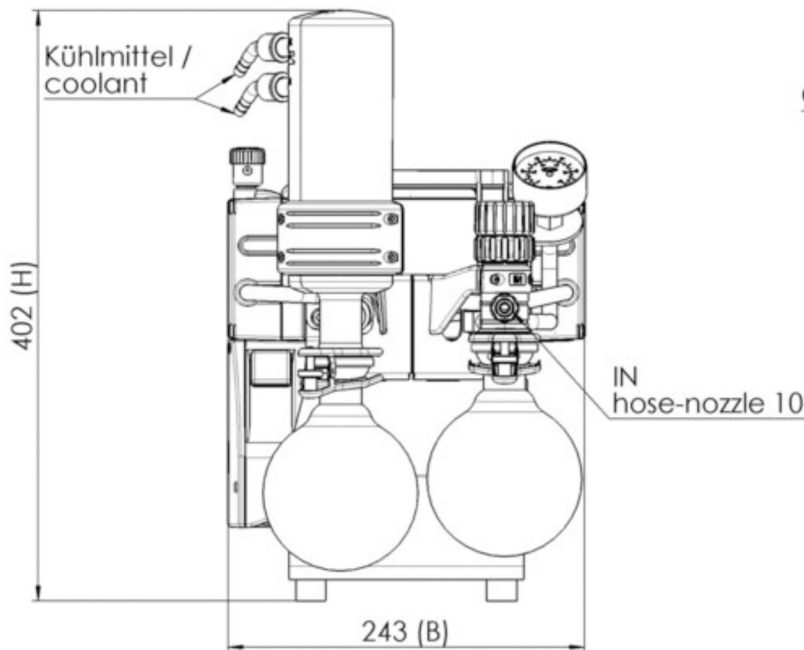
50Hz



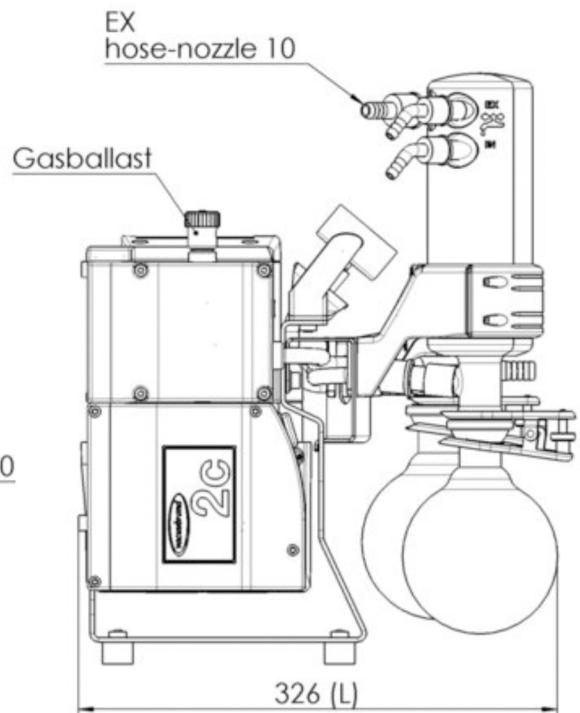
60Hz



Dimensions



all dimensions (mm)
weight: 14,5 kg



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Version 2016/05/11



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Vacuubrand PC 101NT Features & Benefits

- manual flow control valve regulates pumping speed
- vacuum nanometer offers an analog vacuum display
- waster vapor condenser at outlet is highly efficient & compact
- condenser enables almost 100% solvent recovery, efficient recycling & active protection of the environment
- outstanding chemical resistance & vapor tolerance
- optimized vacuum even with gas ballast for condensate purge

Applications

- rotary evaporator • vacuum concentrator • drying chambers • gel dryer • evacuation, evaporation, pumping of gases & vapors in chemical, biological, pharmaceutical laboratories

