



Alcatel A103P

Technical Specifications

	A 103 P
Flange (out)	DN 25 ISO-KF
Flange (in)	DN 50 ISO-K
Dimensions (L x W x H)	684 x 310 x 323 mm
Weight	125 kg
Cooling	Water
Power consumption at ultimate pressure	1 kW
Continuous inlet flow, max.	50 slm
Cooling water flow, min.	1.5 l/mn
Nominal motor rating	2.5 kW
N ₂ purge gas flow, max.	60 slm
N ₂ purge gas flow, min.	5 slm
Power supply voltage, 3 phase	200-230 V; 380-440 V
Pumping speed	120 m ³ /h
Noise level	< 58 dB (A)
Typical ultimate pressure	6.5 · 10 ⁻³ hPa
Typical ultimate pressure with N ₂ purge	(with 20 slm purge) 2.6 · 10 ⁻² hPa
Full load current	11.4 A (for 200-230 V); 6 A (380-440 V)
Volume size, max.	1 m ³
Water temperature	10 to 25 °C
Water connector	Brass, stainless steel



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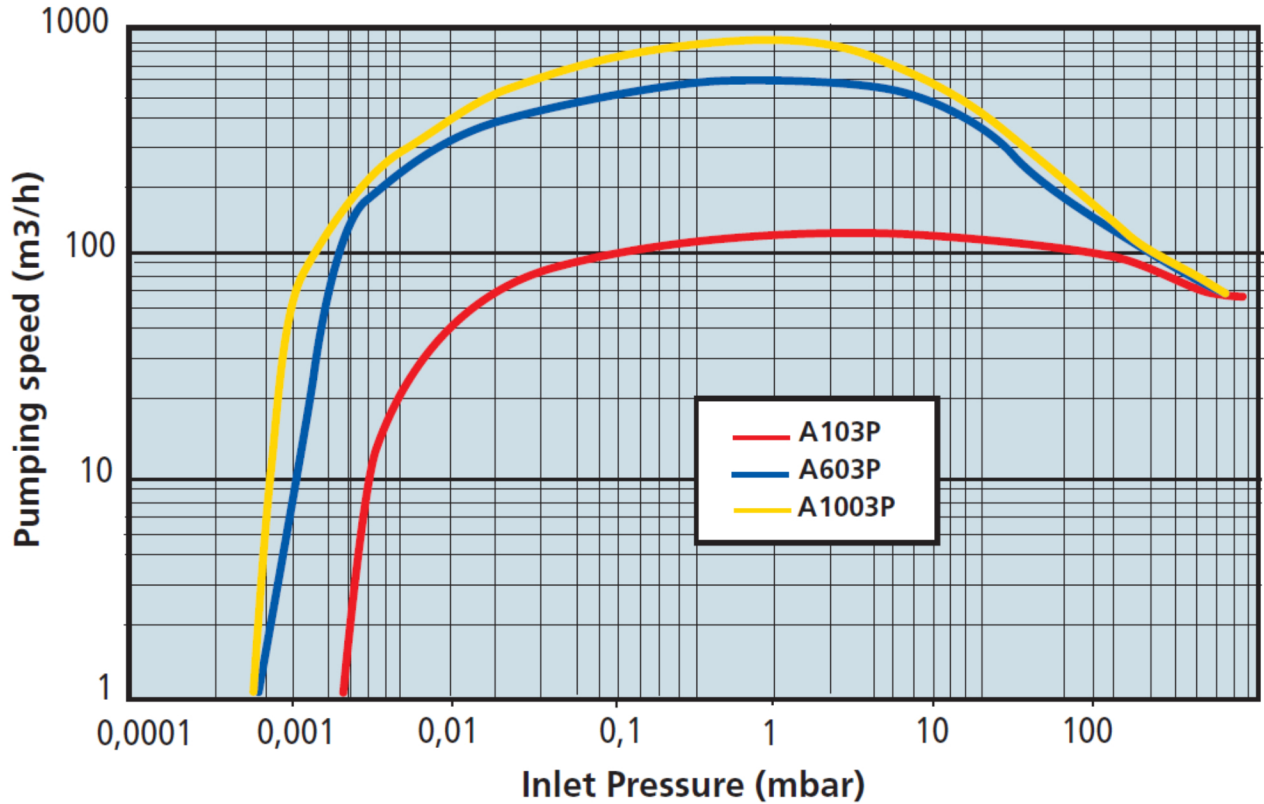
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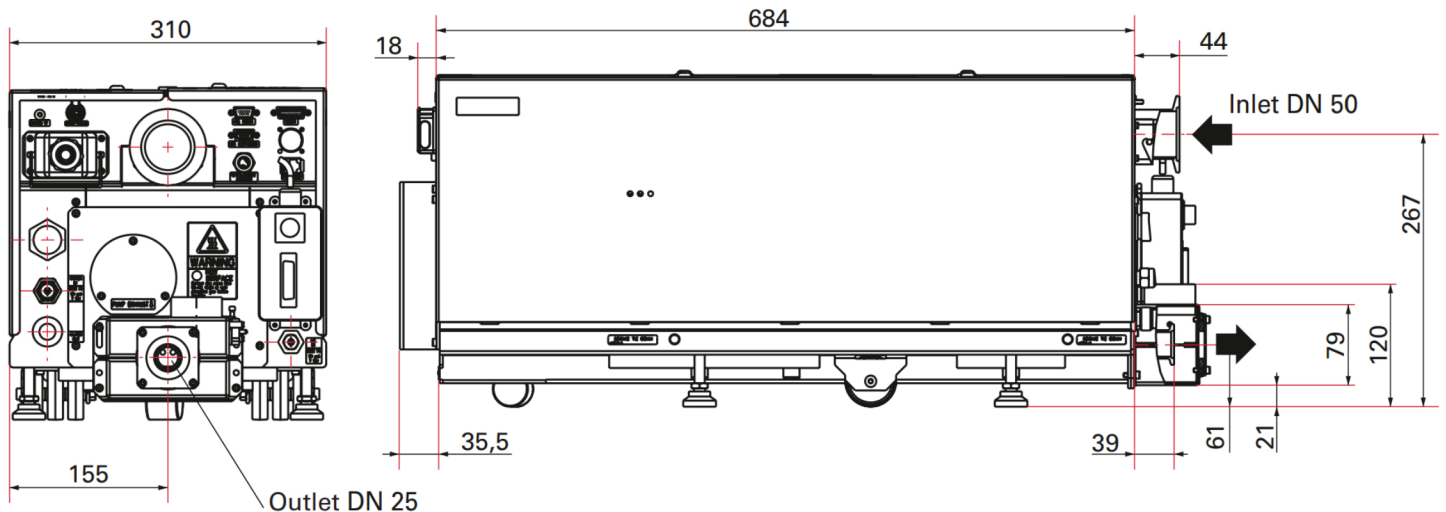
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Alcatel A103P Pumping Curves



Dimensions





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Alcatel A103P Features & Benefits

- energy savings of up to 50%
- quiet & low vibration operation
- no need for external silencer
- easily integrated into existing systems
- compact design
- low power consumption
- longer service life through high resistance to corrosive media
- reduced operating costs
- compatible with semiconductor fab requirements

Applications

- oxide etching • poly etching • stripping • ashing • implant source

