

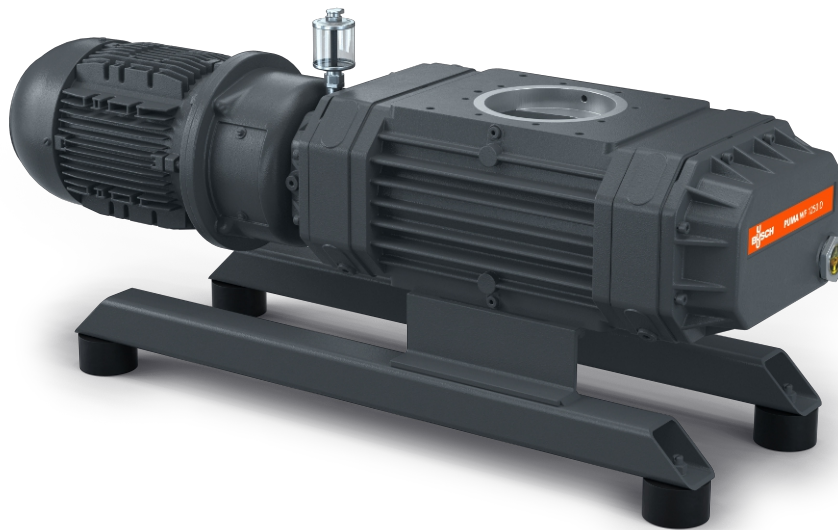
PUMA WP 1250-4500 B2/D2

Vacuum boosters



VACUUM SOLUTIONS

Part of the **BUSCH** GROUP



Reliable

Solid lobe design, robust construction made of GGG40 material

High performance

Excellent volumetric efficiency, increases the performance of a vacuum system by up to a factor of ten, specially designed for rough and medium vacuum applications

Flexible

Can be flanged directly on the system at any position, boosts the performance of all types of backing pumps, control possible via pressure switch or frequency converter

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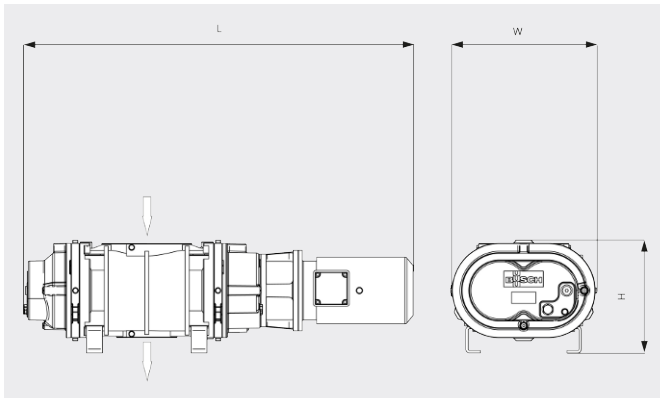
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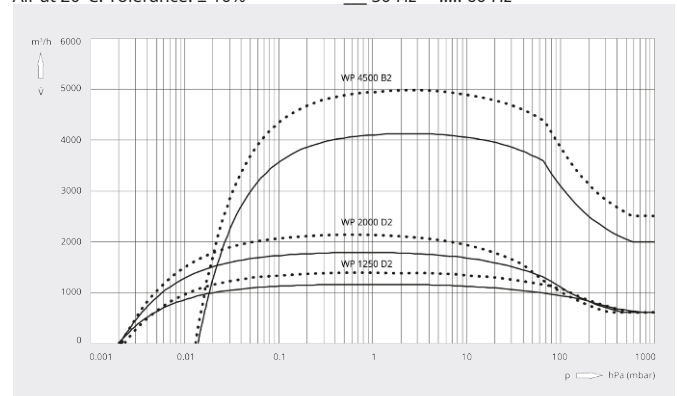
Dimensional drawing



Pumping speed

Air at 20°C. Tolerance: $\pm 10\%$

— 50 Hz 60 Hz



	PUMA WP 1250 D2	PUMA WP 2000 D2	PUMA WP 4500 B2
Nominal pumping speed	1295 / 1555 m³/h (50 / 60 Hz)	2020 / 2435 m³/h (50 / 60 Hz)	4500 / 5400 m³/h (50 / 60 Hz)
Pumping speed	1166 / 1392 m³/h (50 / 60 Hz)	1791 / 2136 m³/h (50 / 60 Hz)	4126 / 4972 m³/h (50 / 60 Hz)
Max. differential pressure	50 hPa (mbar) (50 / 60 Hz)	50 hPa (mbar) (50 / 60 Hz)	25 hPa (mbar) (50 / 60 Hz)
Nominal motor rating	4.3 / 5.2 kW (50 / 60 Hz)	5.5 / 7.0 kW (50 / 60 Hz)	11.0 / 12.6 kW (50 / 60 Hz)
Nominal motor speed	3000 / 3600 min ⁻¹ (50 / 60 Hz)	3000 / 3600 min ⁻¹ (50 / 60 Hz)	3000 / 3600 min ⁻¹ (50 / 60 Hz)
Weight approx.	250 kg	350 kg	640 kg
Dimensions (L x W x H)	1062 x 348 x 490 mm	1156 x 420 x 600 mm	1443 x 544 x 419 mm
Gas inlet / outlet	DN 160 ISO / DN 160 ISO	DN 160 ISO / DN 160 ISO	DN 250 ISO / DN 160 ISO

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