

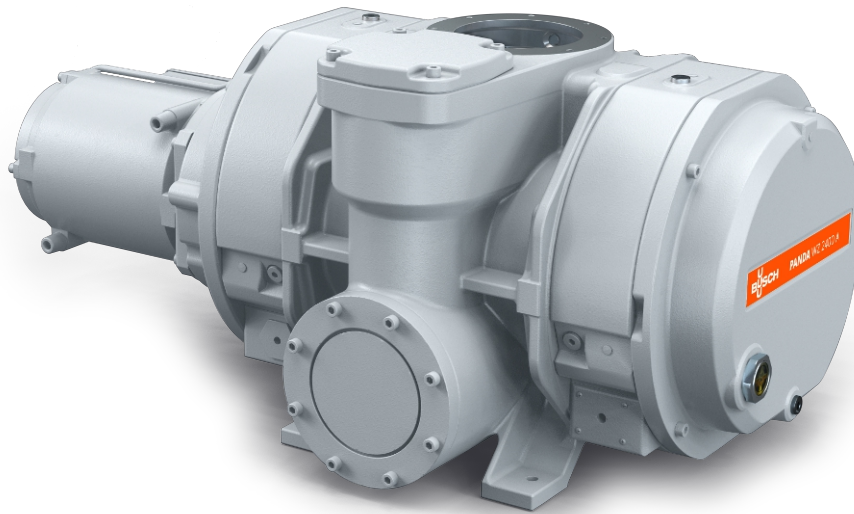
PANDA WZ 0250-2400 A/B

Vacuum boosters



VACUUM SOLUTIONS

Part of the **BUSCH** GROUP



Reliable

Solid lobe design, robust construction, reliable under varying operating conditions, leak-tight, barrier gas connection

High performance

Excellent volumetric efficiency, high ultimate pressure, integrated bypass valve, specially designed for medium and high vacuum applications including solar, flat panel and semiconductor processes

Flexible

Can be flanged directly on the system at any position, boosts the performance of all types of backing pumps, with vertical or lateral discharge

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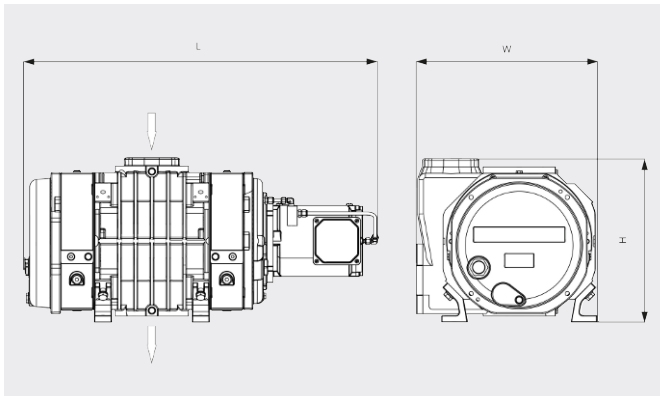
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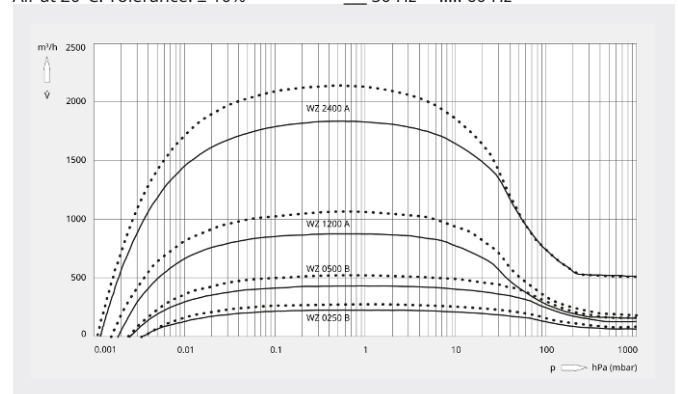
Dimensional drawing



Pumping speed

Air at 20°C. Tolerance: $\pm 10\%$

— 50 Hz 60 Hz



	PANDA WZ 0250 B	PANDA WZ 0500 B	PANDA WZ 1200 A	PANDA WZ 2400 A
Nominal pumping speed	263 / 315 m³/h (50 / 60 Hz)	525 / 630 m³/h (50 / 60 Hz)	1050 / 1260 m³/h (50 / 60 Hz)	2120 / 2540 m³/h (50 / 60 Hz)
Pumping speed	233 / 281 m³/h (50 / 60 Hz)	464 / 560 m³/h (50 / 60 Hz)	875 / 1054 m³/h (50 / 60 Hz)	1830 / 2158 m³/h (50 / 60 Hz)
Max. differential pressure	100 hPa (mbar) (50 / 60 Hz)	100 hPa (mbar) (50 / 60 Hz)	53 hPa (mbar) (50 / 60 Hz)	53 hPa (mbar) (50 / 60 Hz)
Leakage rate	$\leq 1 \cdot 10^{-6}$ mbar · l/s	$\leq 1 \cdot 10^{-6}$ mbar · l/s	$\leq 1 \cdot 10^{-6}$ mbar · l/s	$\leq 1 \cdot 10^{-6}$ mbar · l/s
Nominal motor rating	1.5 / 1.8 kW (50 / 60 Hz)	4.0 / 4.4 kW (50 / 60 Hz)	4.0 / 4.4 kW (50 / 60 Hz)	5.5 / 6.6 kW (50 / 60 Hz)
Nominal motor speed	1500 / 1800 min ⁻¹ (50 / 60 Hz)	3000 / 3600 min ⁻¹ (50 / 60 Hz)	3000 / 3600 min ⁻¹ (50 / 60 Hz)	3000 / 3600 min ⁻¹ (50 / 60 Hz)
Weight approx.	165 kg	175 kg	285 kg	515 kg
Dimensions (L x W x H)	819 x 372 x 422 mm	819 x 372 x 422 mm	917 x 470 x 353 mm	1089 x 568 x 503 mm
Gas inlet / outlet (vertical)	DN 100 ISO / DN 100 ISO	DN 100 ISO / DN 100 ISO	DN 160 ISO / DN 100 ISO	DN 160 ISO / DN 160 ISO
Gas inlet / outlet (horizontal)	DN 100 ISO / DN 63 ISO	DN 100 ISO / DN 63 ISO	DN 160 ISO / DN 100 ISO	DN 160 ISO / DN 160 ISO

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