

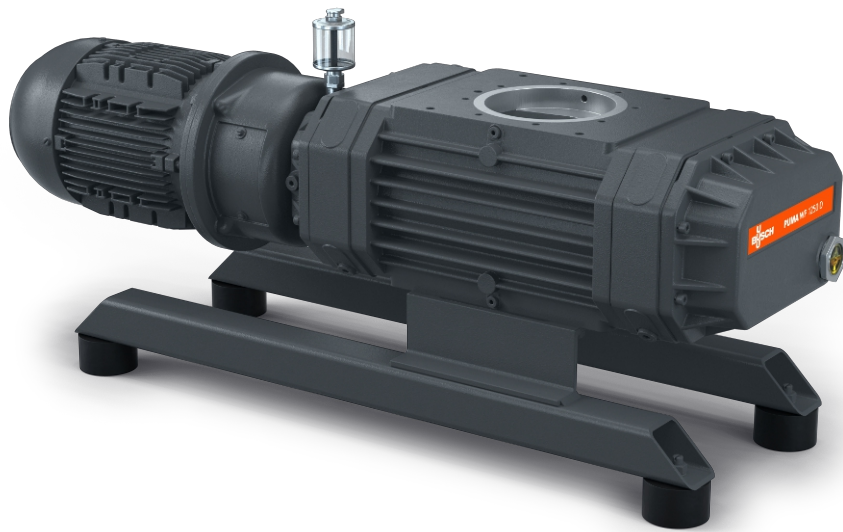
# PUMA WP 1250-4500 B2/D2

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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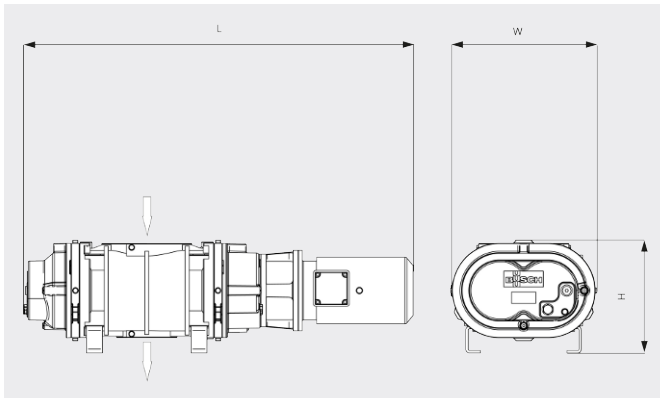
Vacuum boosters



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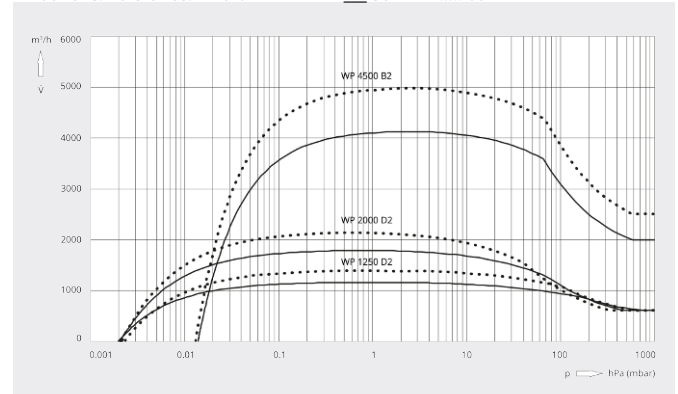
Dimensional drawing



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

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