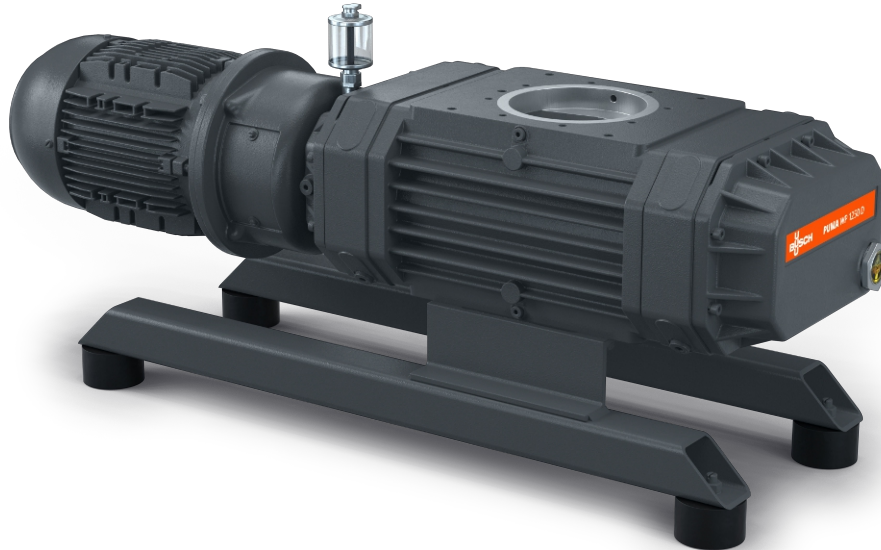


# PUMA WP 1250-4500 B2/D2

Vacuum boosters



VACUUM SOLUTIONS



## 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

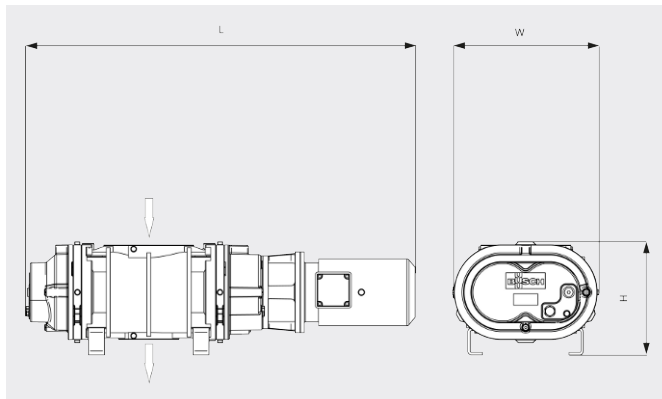
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Vacuum boosters



VACUUM SOLUTIONS

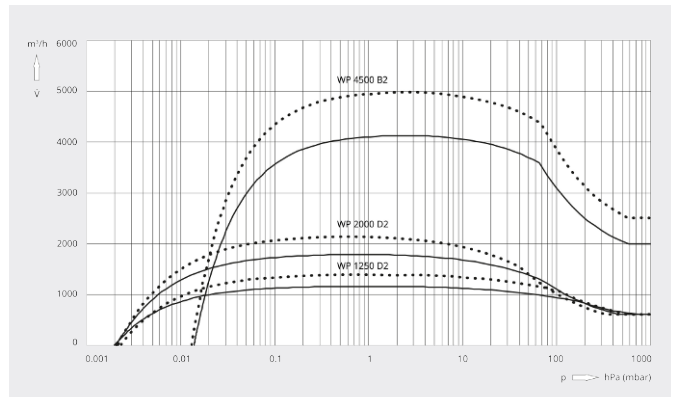
Dimensional drawing



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 <sup>-1</sup> (50 / 60 Hz) | 3000 / 3600 min <sup>-1</sup> (50 / 60 Hz) | 3000 / 3600 min <sup>-1</sup> (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                    |

## DO YOU WANT TO KNOW MORE?

Get in touch with us directly!  
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