

# PUMA WP 0250/0500 D2/D4

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

# PUMA WP 0250/0500 D2/D4

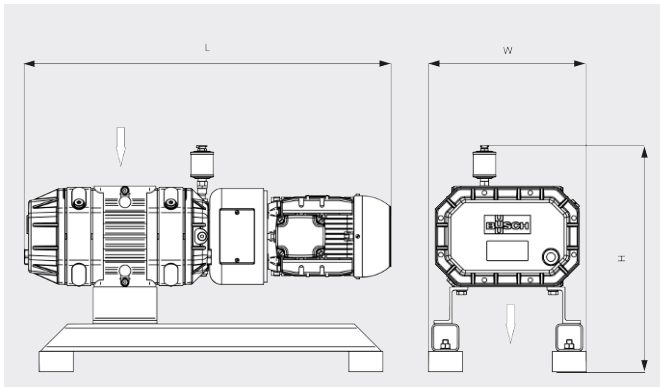
Vacuum boosters



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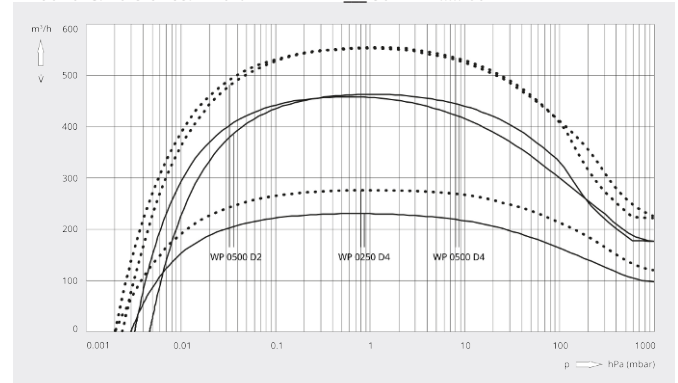
Dimensional drawing



Pumping speed

Air at 20°C. Tolerance:  $\pm 10\%$

— 50 Hz ..... 60 Hz



|                            | PUMA WP 0250 D4                            | PUMA WP 0500 D2                            | PUMA WP 0500 D4                            |
|----------------------------|--------------------------------------------|--------------------------------------------|--------------------------------------------|
| Nominal pumping speed      | 260 / 310 m³/h (50 / 60 Hz)                | 520 620 / m³/h (50 / 60 Hz)                | 520 / 620 m³/h (50 / 60 Hz)                |
| Pumping speed              | 231 / 277 m³/h (50 / 60 Hz)                | 463 / 554 m³/h (50 / 60 Hz)                | 458 / 552 m³/h (50 / 60 Hz)                |
| Max. differential pressure | 80 hPa (mbar) (50 / 60 Hz)                 | 50 hPa (mbar) (50 / 60 Hz)                 | 80 hPa (mbar) (50 / 60 Hz)                 |
| Nominal motor rating       | 1.1 / 1.5 kW (50 / 60 Hz)                  | 2.2 / 3.0 kW (50 / 60 Hz)                  | 2.2 / 2.4 kW (50 / 60 Hz)                  |
| Nominal motor speed        | 1500 / 1800 min <sup>-1</sup> (50 / 60 Hz) | 3000 / 3600 min <sup>-1</sup> (50 / 60 Hz) | 1500 / 1800 min <sup>-1</sup> (50 / 60 Hz) |
| Weight approx.             | 150 kg                                     | 150 kg                                     | 200 kg                                     |
| Dimensions (L x W x H)     | 792 x 345 x 494 mm                         | 813 x 345 x 494 mm                         | 971 x 345 x 494 mm                         |
| Gas inlet / outlet         | DN 63 ISO / DN 63 ISO                      | DN 63 ISO / DN 63 ISO                      | DN 160 ISO / DN 160 ISO                    |

## DO YOU WANT TO KNOW MORE?

Get in touch with us directly!

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