

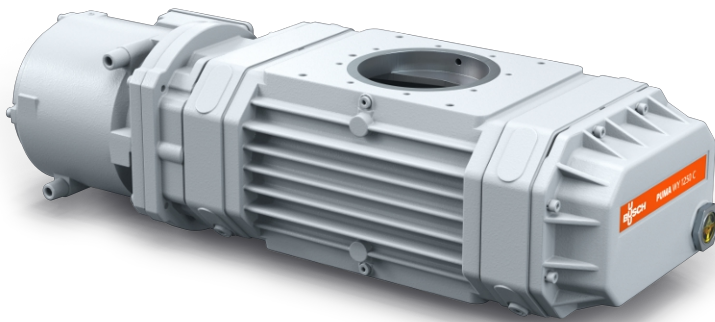
# PUMA WY 0500-2000 C

Vacuum boosters



**VACUUM SOLUTIONS**

Part of the **BUSCH** GROUP



## Reliable

Solid lobe design, robust construction made of GGG40 material, leak-tight, reliable under varying operating conditions

## High performance

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

## Flexible

Can be flanged directly on the system at any position, boosts the performance of all types of backing pumps

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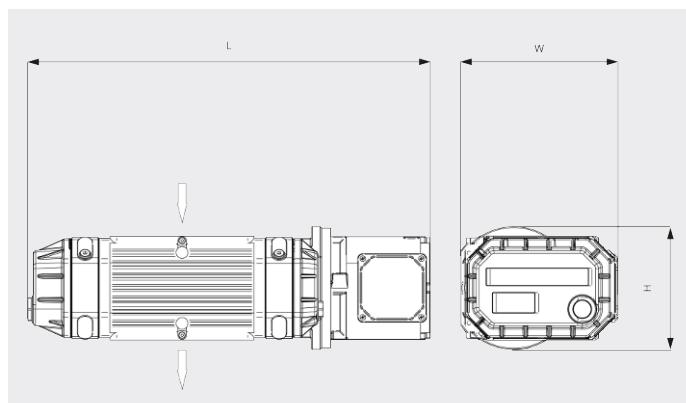
Vacuum boosters



**VACUUM SOLUTIONS**

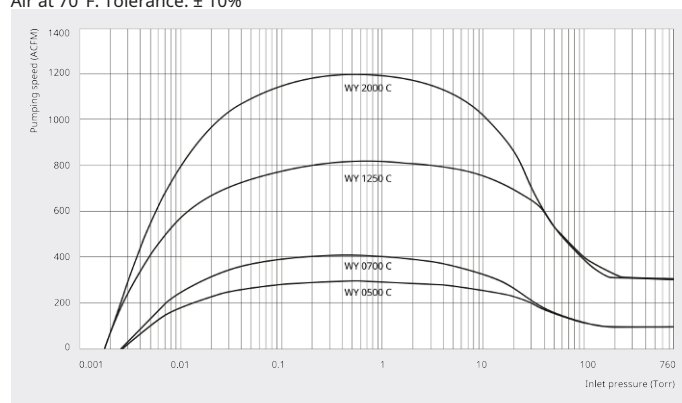
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Dimensional drawing



Pumping speed

Air at 70°F. Tolerance:  $\pm 10\%$



|                            | PUMA WY 0500 C                    | PUMA WY 0700 C                    | PUMA WY 1250 C                    | PUMA WY 2000 C                    |
|----------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|
| Nominal pumping speed      | 354 ACFM                          | 495 ACFM                          | 885 ACFM                          | 1435 ACFM                         |
| Pumping speed              | 271 ACFM                          | 358 ACFM                          | 565 ACFM                          | 1003 ACFM                         |
| Max. differential pressure | 40 TORR                           | 40 TORR                           | 40 TORR                           | 40 TORR                           |
| Nominal motor rating       | 3.5 hp                            | 4.8 hp                            | 5.9 hp                            | 8.9 hp                            |
| Nominal motor speed        | 3600 RPM                          | 3600 RPM                          | 3600 RPM                          | 3600 RPM                          |
| Weight approx.             | 330 Lbs.                          | 330 Lbs.                          | 551 Lbs.                          | 661 Lbs.                          |
| Leakage rate               | $< 0.75 \cdot 10^{-7}$ mbar · l/s | $< 0.75 \cdot 10^{-7}$ mbar · l/s | $< 0.75 \cdot 10^{-7}$ mbar · l/s | $< 0.75 \cdot 10^{-7}$ mbar · l/s |
| Dimensions (L x W x H)     | 26.6 x 12.6 x 10.9 inches         | 28.6 x 12.8 x 10.6 inches         | 36.1 x 13.6 x 10.6 inches         | 36.5 x 15.4 x 12.6 inches         |
| Gas inlet / outlet         | DN 63 ISO-F / DN 63 ISO-F         | DN 100 ISO-F / DN 100 ISO-F       | DN 160 ISO-F / DN 160 ISO-F       | DN 160 ISO-F / DN 100 ISO-F       |

## DO YOU WANT TO KNOW MORE?

Get in touch with us directly!

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