

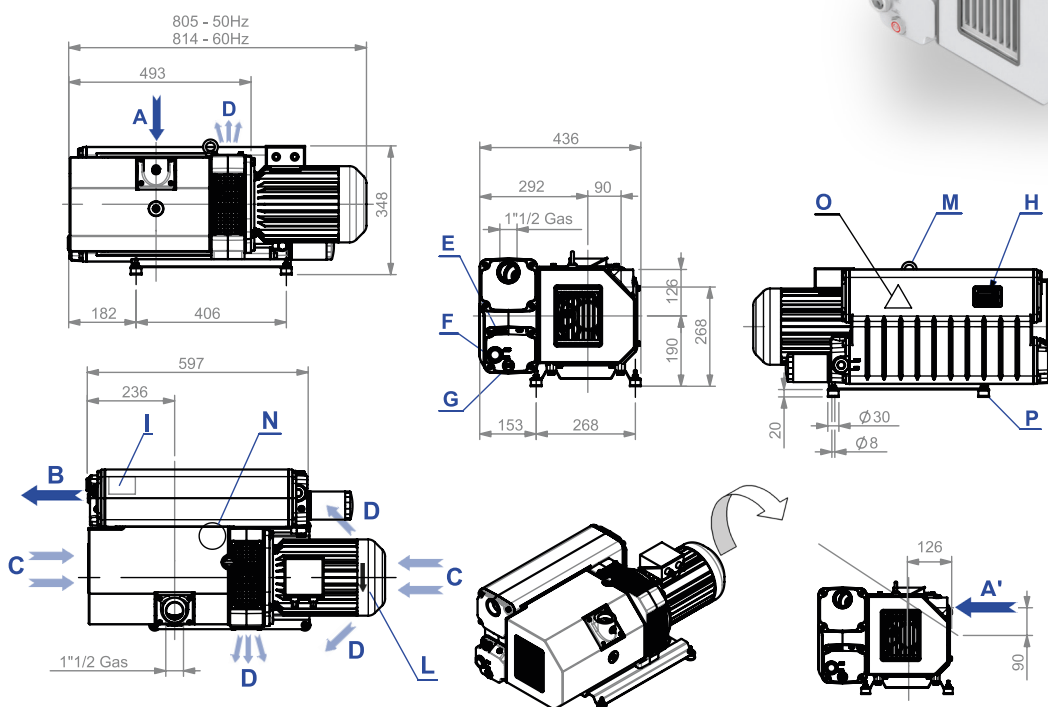
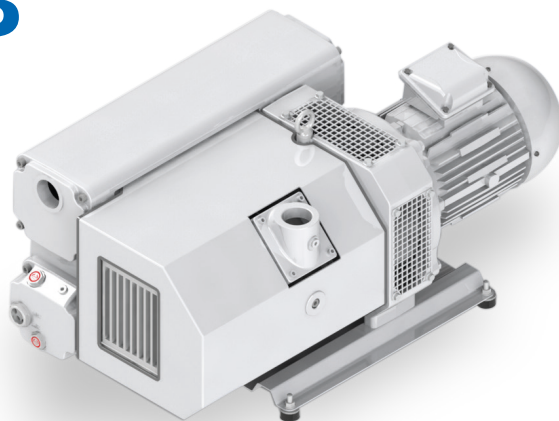


# EU 160 - EU 160/B EU 160 HWT

## Oil lubricated rotary vane vacuum pumps

Pompe per vuoto a palette lubrificate

Ölgeschmierte Vakuumpumpen



Dimensions subject to changes depending on the motor brand. Misure soggette a variazioni in funzione della marca del motore. Die Maße können aufgrund von Motorzeichen ändern.

|             |                                |                             |                              |
|-------------|--------------------------------|-----------------------------|------------------------------|
| <b>A</b>    | <b>Vertical Inlet</b>          | Aspirazione verticale       | Senkrechter Einlass          |
| <b>A'</b>   | <b>Horizontal Inlet</b>        | Aspirazione orizzontale     | Waagerechter Einlass         |
| <b>B</b>    | <b>Exhaust</b>                 | Scarico aria                | Luftauslass                  |
| <b>C</b>    | <b>Cooling air inlet</b>       | Entrata aria raffreddamento | Kühlluftseintritt            |
| <b>D</b>    | <b>Cooling air outlet</b>      | Uscita aria raffreddamento  | Kühlluftsaustritt            |
| <b>E</b>    | <b>Oil filling plug</b>        | Tappo carico olio           | Öleinfüllschraube            |
| <b>F-F'</b> | <b>Oil level sight glass</b>   | Spia livello olio           | Ölschauglas                  |
| <b>G</b>    | <b>Oil drain plug</b>          | Tappo scarico olio          | Ölablass-Schraube            |
| <b>H</b>    | <b>Pump name plate</b>         | Targhetta identificazione   | Maschinenschild              |
| <b>I</b>    | <b>Oil grade label</b>         | Targhetta oli               | Ölempfehlungsschild          |
| <b>L</b>    | <b>Rotation plate</b>          | Targhetta rotazione         | Drehungsschild               |
| <b>M</b>    | <b>Lifting eyebolt</b>         | Golfaro di sollevamento     | Aufhebenösenschraube         |
| <b>N</b>    | <b>Gas ballast valve</b>       | Zavorratore                 | Gasballastventil             |
| <b>O</b>    | <b>Hot surfaces name plate</b> | Targhetta superfici calde   | Typenschild für warme Fläche |
| <b>P</b>    | <b>Vibration damper</b>        | Antivibranti                | Schwingungsdämpfer           |
| <b>Q</b>    | <b>Oil filter</b>              | Filtro olio                 | Ölfilter                     |





|                                                                                                                      |                      |         | EU160                                                                                                                                                                                                              | EU160/B | EU160HWT |
|----------------------------------------------------------------------------------------------------------------------|----------------------|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|----------|
| <b>Nominal speed*</b><br>Portata nominale*<br>Nennsaugvermögen*                                                      | m³/h                 | 50 Hz   | 152                                                                                                                                                                                                                |         |          |
|                                                                                                                      |                      | 60 Hz   | 182                                                                                                                                                                                                                |         |          |
| <b>Ultimate pressure* (abs.)</b><br>Pressione finale* (assoluta)<br>Enddruck* (abs.)                                 |                      | mbar    | 0,5                                                                                                                                                                                                                | 10      | 0,8      |
|                                                                                                                      |                      | Pascal  | 50                                                                                                                                                                                                                 | 1000    | 80       |
| <b>Motor power # / Rotational speed</b><br>Potenza motore # / Numero di giri<br>Motorleistung # / Drehzahl           | kW                   | 50 Hz~3 | 3                                                                                                                                                                                                                  |         |          |
|                                                                                                                      | min <sup>-1</sup>    |         | 1500                                                                                                                                                                                                               |         |          |
|                                                                                                                      | kW                   | 60 Hz~3 | 4                                                                                                                                                                                                                  |         |          |
|                                                                                                                      | min <sup>-1</sup>    |         | 1800                                                                                                                                                                                                               |         |          |
| <b>Electric motor characteristics</b><br>Caratteristiche motore elettrico<br>Motoreigenschaften                      |                      | 50 Hz~3 | IM B5 230/400 V                                                                                                                                                                                                    |         |          |
|                                                                                                                      |                      | 60 Hz~3 | IM B5 275/480 V                                                                                                                                                                                                    |         |          |
| <b>Sound pressure level</b><br>Livello di pressione acustica<br>Schalldruckpegel                                     | dB(A)<br>EN ISO 2151 | 50 Hz   | 71                                                                                                                                                                                                                 |         |          |
|                                                                                                                      |                      | 60 Hz   | 72                                                                                                                                                                                                                 |         |          |
| <b>Water vapour tolerance</b><br>Pressione massima vapore H <sub>2</sub> O ammissibile<br>Wasserdampfverträglichkeit | mbar                 | 50 Hz   | 30                                                                                                                                                                                                                 |         | 80       |
|                                                                                                                      |                      | 60 Hz   | 40                                                                                                                                                                                                                 |         | 106      |
| <b>Water vapour pumping capacity</b><br>Quantità vapore H <sub>2</sub> O ammissibile<br>Wasserdampfkapazität         | kg/h                 | 50 Hz   | 3                                                                                                                                                                                                                  |         | 9        |
|                                                                                                                      |                      | 60 Hz   | 4                                                                                                                                                                                                                  |         | 12,3     |
| <b>Oil capacity</b><br>Carica d'olio<br>Ölfüllmenge                                                                  |                      | l       | 3                                                                                                                                                                                                                  |         |          |
| <b>Total weight/Without motor</b><br>Peso totale/Senza motore<br>Gesamtgewicht/ Gewicht ohne motor                   | kg                   | 50 Hz   | 104/75                                                                                                                                                                                                             |         |          |
|                                                                                                                      |                      | 60 Hz   | 110/75                                                                                                                                                                                                             |         |          |
| *According to PNEUROP standard 6602.<br>*Secondo accordi PNEUROP 6602.<br>*Nach der PNEUROP Norm 6602.               |                      |         | #Valid for temperatures up to 40°C and altitudes lower than 1000 m.<br>#Valido per temperature fino a 40°C e altitudini inferiori a 1000 m.<br>#Gültig für Temperaturen bis 40°C und für Höhen weniger als 1000 m. |         |          |

