

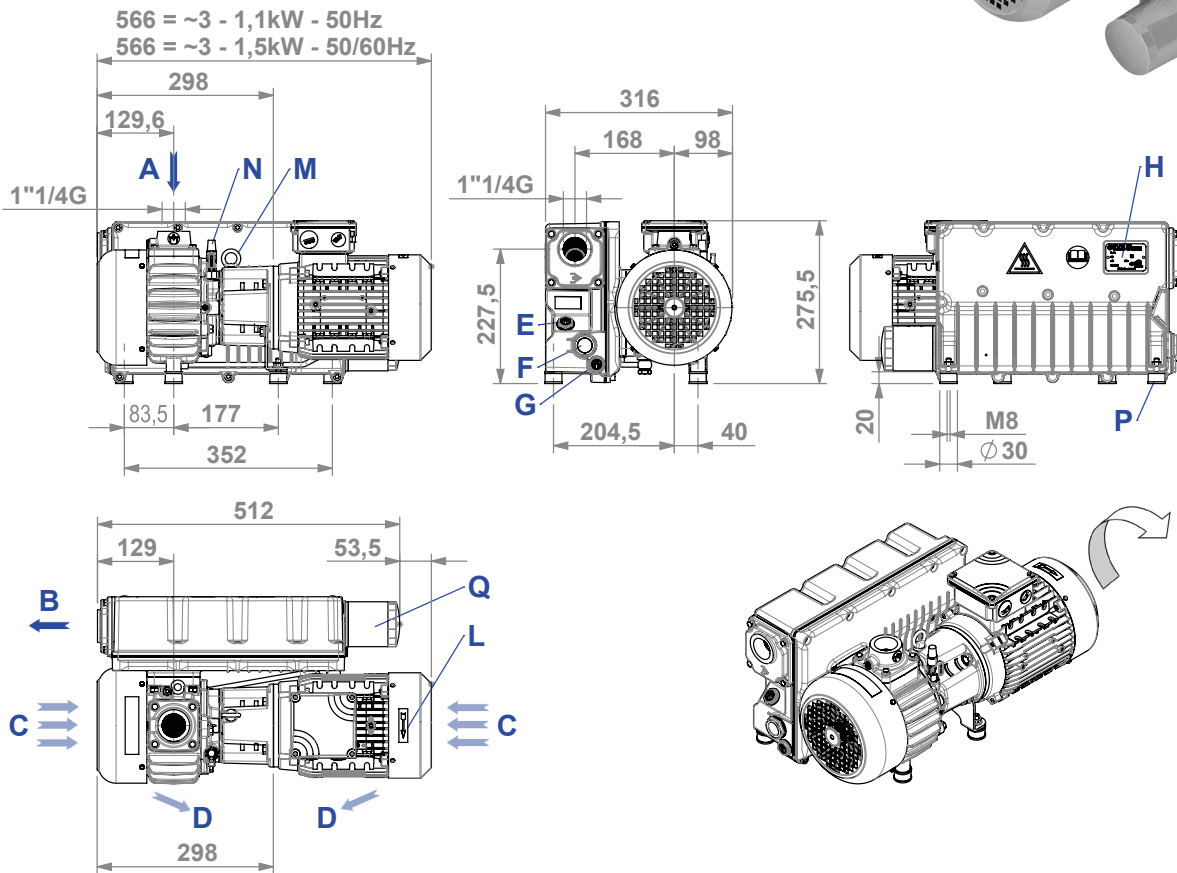
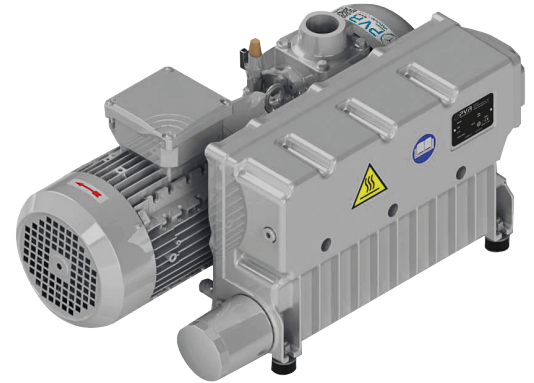


# EU47 – EU47 HWT

## Oil lubricated rotary vane vacuum pumps

Pompe per vuoto a palette lubrificate

Ölgeschmierte Vakuumpumpen



|          |                              |                             |                      |
|----------|------------------------------|-----------------------------|----------------------|
| <b>A</b> | <b>Inlet</b>                 | Aspirazione                 | 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</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>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>P</b> | <b>Vibration damper</b>      | Antivibranti                | Schwingungsdämpfer   |
| <b>Q</b> | <b>Oil filter</b>            | Filtro olio                 | Ölfilter             |





|  |                   |         | EU47   | EU47HWT       |
|--|-------------------|---------|--|---------------|
| <b>Nominal pumping speed</b><br>Velocità di pompaggio nominale<br>Nennsaugvermögen   | m <sup>3</sup> /h | 50 Hz   | 50   |               |
|  |                   | 60 Hz   | 56   |               |
| <b>Ultimate total pressure with gas ballast valve closed (abs)</b><br>Pressione limite totale con zavorratore chiuso (abs)<br>Grenzdruck bei geschlossenem Gasballastventil (abs.) | mbar<br>Pascal    |         | ≤ 0,1<br>≤ 10  | -<br>-        |
| <b>Ultimate total pressure with gas ballast valve open (abs)</b><br>Pressione limite totale con zavorratore aperto (abs)<br>Grenzdruck bei offenem Gasballastventil (abs.)         | mbar<br>Pascal    |         | ≤ 0,3<br>≤ 30  | ≤ 0,8<br>≤ 80 |
| <b>Water vapour tolerance</b><br>Pressione max vapore H <sub>2</sub> O ammissibile<br>Wasserdampfverträglichkeit   | mbar              |         | 30   | 80            |
| <b>Water vapour pumping capacity</b><br>Quantità vapore H <sub>2</sub> O ammissibile<br>Wasserdampfkapazität   | kg/h              | 50 Hz   | 1  | 2             |
|  |                   | 60 Hz   | 1,2  | 2,4           |
| <b>Noise level</b><br>Rumorosità<br>Geräuschpegel  | dB(A)             | 50 Hz   | 61   |               |
|  |                   | 60 Hz   | 62   |               |
| <b>Motor power</b><br>Potenza motore<br>Motorleistung  | kW                | 50 Hz~3 | 1.1  | 1.1           |
|  |                   | 60 Hz~3 | 1.5  | 1.5           |
| <b>Motor speed</b><br>Numero giri<br>Drehzahl  | rpm               | 50 Hz~3 | 1500   | 1500          |
|  |                   | 60 Hz~3 | 1800   | 1800          |
| <b>Electric motor characteristics</b><br>Caratteristiche motore elettrico<br>Motoreigenschaften  |                   | 50 Hz~3 | IEC - IM B14 λ 230 / Δ 400 V   |               |
|  |                   | 60 Hz~3 | IEC - IM B14 λ 265 V / Δ 460 V<br>IEC - IM B14 λ 220-240 V / Δ 380-460 V<br>cURus - IM B14 λ 230 / Δ 460 V |               |
| <b>Quantity of oil</b><br>Quantità d'olio<br>Ölmenge   | l                 |         | 2  |               |
| <b>Total weight (without motor)</b><br>Peso totale (senza motore)<br>Gesamtgewicht (Ohne Motor)  | kg                | 50 Hz   | 44 (28)  |               |
|  |                   | 60 Hz   | 44,6 (28)  |               |

