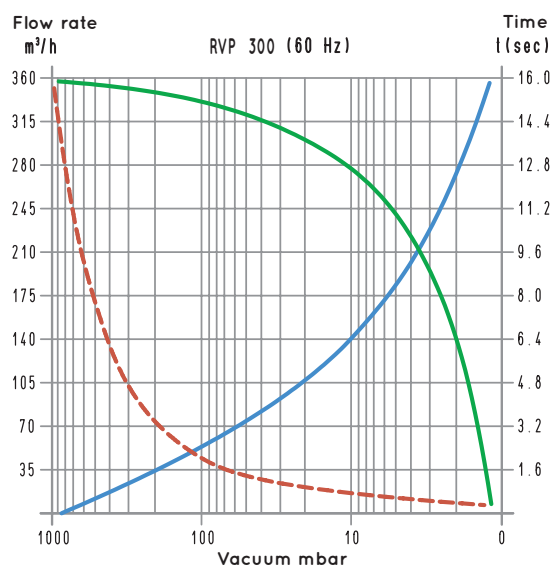
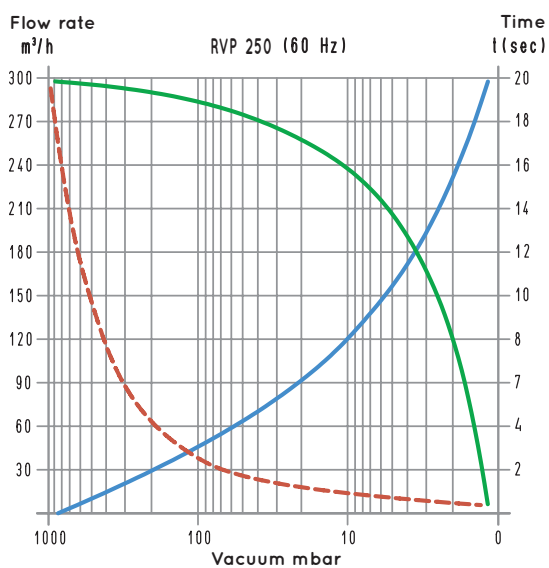
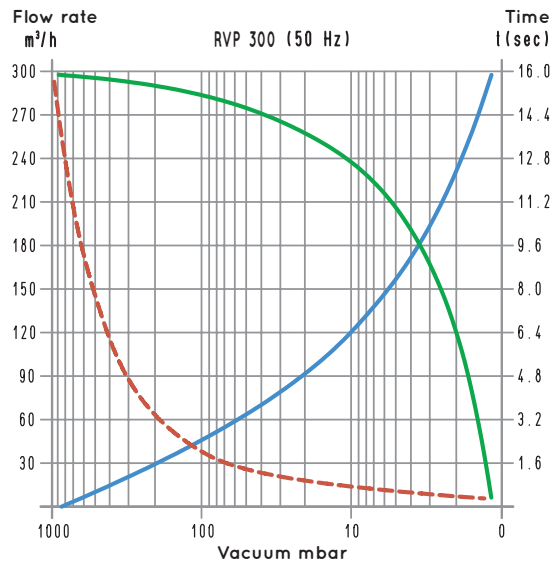
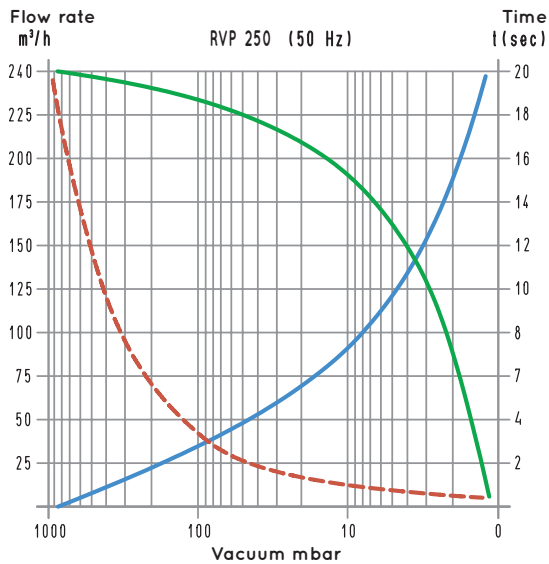
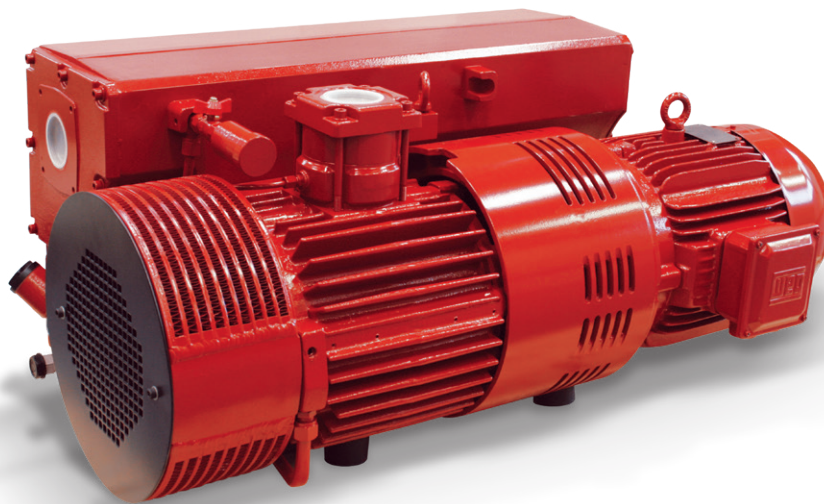




OIL-BATH VACUUM PUMPS RVP 250 and RVP 300

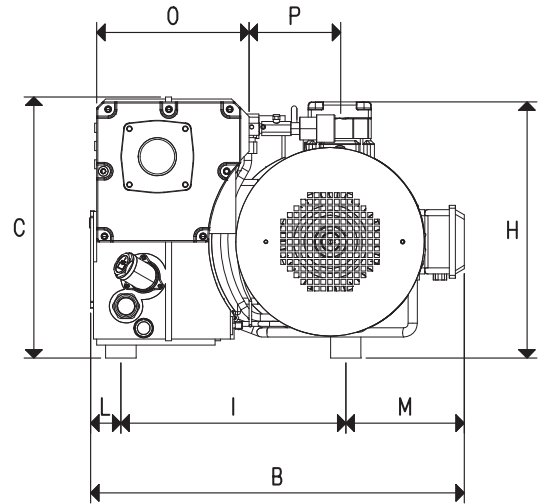
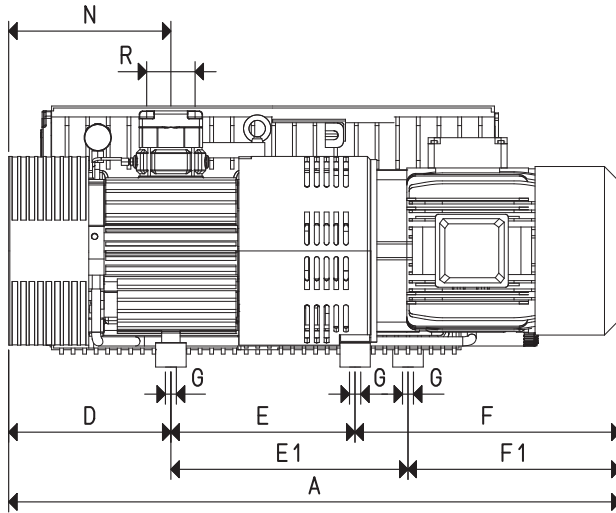
3D drawings are available on vuototecnica.net



To calculate the emptying time of a volume of V_1 , use the following formula: $t_1 = \frac{t \times V_1}{100}$

- Curve relative to the flow rate (referring to the suction pressure)
- - - Curve relative to the flow rate (referring to a 1013 mbar pressure)
- Curve regarding the emptying time of a 100-litre volume

V_1 : Volume to be emptied (l)
 t_1 : time to be calculated (sec)
 t : time obtained in the table (sec)



| Item | | RVP 250 | | RVP 300 | |
|--|---------------------|----------------|---------------|----------------|---------------|
| Frequency | | 50 Hz | 60 Hz | 50 Hz | 60 Hz |
| Flow rate | m ³ /h | 250 | 300 | 300 | 360 |
| Final pressure | mbar abs. | 0.5 | | 0.5 | |
| H₂O steam quantity permitted | Kg/h | 4 | | 4.5 | |
| Motor performance 3~ | Volt | 400/690 ± 10% | 480/830 ± 10% | 400/690 ± 10% | 480/830 ± 10% |
| Motor power 3~ | Kw | 5.5 | 7.5 | 7.5 | 11 |
| Motor protection | IP | 55 | | 55 | |
| Rotation speed | g/min ⁻¹ | 1450 | 1740 | 1450 | 1740 |
| Motor shape | | B5 | | B5 | |
| Motor size | | 132 | | 132 | |
| Noise level | dB(A) | 74 | 75 | 75 | 76 |
| Max weight | Kg | 198.0 | | 212.0 | |
| A | | 975 | | 1010 | |
| B | | 579 | | 579 | |
| C | | 411 | | 411 | |
| D | | 287 | | 287 | |
| E | | 303 | | 303 | |
| E1 | | 390 | | 390 | |
| F | | 385 | | 420 | |
| F1 | | 350 | | 350 | |
| G | ∅ | M10 | | M10 | |
| H | | 421 | | 421 | |
| I | | 369 | | 369 | |
| L | | 50 | | 50 | |
| M | | 185 | | 185 | |
| N | | 267 | | 267 | |
| O | | 242 | | 242 | |
| P | | 150 | | 150 | |
| R | ∅ gas | G2" | | G2" | |
| Accessories and Parts | | RVP 250 | | RVP 300 | |
| Oil charge | L | 8 | | 8 | |
| Lubricating oil | type | VT OIL 100 | | VT OIL 100 | |
| Oil filter | item | 00 RVP 250 07 | | 00 RVP 300 07 | |
| 4 deoiling cartridges | item | 00 RVP 250 05 | | 00 RVP 300 05 | |
| 3 vanes | item | 00 RVP 250 04 | | 00 RVP 300 04 | |
| Sealing kit | item | 00 RVP 250 06 | | 00 RVP 300 06 | |
| Check valve | item | 00 RVP 250 03 | | 00 RVP 300 03 | |
| Suction filter | item | FC 60 | | FC 60 | |
| Ballast valve | item | integrated | | integrated | |

Transformation ratio: N (newton) = Kg x 9.81 (force of gravity)

$$\text{inch} = \frac{\text{mm}}{25.4}; \text{pounds} = \frac{\text{g}}{453.6} = \frac{\text{Kg}}{0.4536}$$

cfm = m³/h x 0.588; inch Hg = mbar x 0.0295; psi = bar x 14.6