

## VP - 40/65

# High Reliability



- High efficient oil mist filters contribute to solve the issues of oil exhaust and smoking as well as prolong the service life.
- Sealing parts are made from fluororubber, which improved the performance of anti-corrosion and solved oil leakage issues.
- Multiple shifts design for gas ballast to meet customers' demand of ultimate vacuum and capability of vapor evacuation.
- Horizontal CNC machining of Japanese Mori Seiki guarantees high reliability.
- Unique industrial design generated elegant appearance.
- Integrated design of pump and motor made the product lighter and smaller.

## Specifications

| Model                   |                     | VP - 40     |      |
|-------------------------|---------------------|-------------|------|
| Displacement speed      | m <sup>3</sup> /h   | 40          |      |
| Ultimate pressure       | Without gas ballast | mbar        | ≤0.3 |
|                         | With gas ballast I  | mbar        | ≤0.5 |
| Ultimate total pressure | With gas ballast I  | mbar        | ≤2   |
|                         | With gas ballast II | mbar        | ≤2   |
| Water vapor tolerance   | With gas ballast I  | mbar        | 15   |
|                         | With gas ballast II | mbar        | 30   |
| Noise level             | dB                  | ≤59         |      |
| Power supply            |                     | Three-Phase |      |
| Power rating            | kW                  | 1.1         |      |
| Motor speed (50/60Hz)   | rpm                 | 1440/1720   |      |
| Ambient temperature     | °C                  | 10 - 40     |      |
| Oil capacity            | L                   | 2.5         |      |
| Level of protection     |                     | IP54        |      |
| Intake and exhaust      |                     | G1 1/4"     |      |
| Weight                  | Kg                  | 39.2        |      |
| Dimension (L*W*H)       | mm                  | 555×304×268 |      |

## Specifications

| Model                   |                     | VP - 65     |      |
|-------------------------|---------------------|-------------|------|
| Displacement speed      | m <sup>3</sup> /h   | 65          |      |
| Ultimate pressure       | Without gas ballast | mbar        | ≤0.3 |
|                         | With gas ballast I  | mbar        | ≤0.5 |
| Ultimate total pressure | With gas ballast I  | mbar        | ≤2   |
|                         | With gas ballast II | mbar        | ≤2   |
| Water vapor tolerance   | With gas ballast I  | mbar        | 15   |
|                         | With gas ballast II | mbar        | 30   |
| Noise level             | dB                  | ≤61         |      |
| Power supply            |                     | Three-Phase |      |
| Power rating            | kW                  | 1.5         |      |
| Motor speed (50/60Hz)   | rpm                 | 1440/1720   |      |
| Ambient temperature     | °C                  | 10 - 40     |      |
| Oil capacity            | L                   | 2.5         |      |
| Level of protection     |                     | IP54        |      |
| Intake and exhaust      |                     | G1 1/4"     |      |
| Weight                  | Kg                  | 42.5        |      |
| Dimension (L*W*H)       | mm                  | 555×311×268 |      |