# Vacuum pump VSV-40



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|---|---|
| Displacement speed | 40 m$^3$/h |
| Ultimate pressure | ≤0,1 mbar |
| Ultimate pressure with gas ballast I | ≤0,5 mbar |
| Ultimate pressure with gas ballast II | ≤1,5 mbar |
| Water vapor tolerance with gas ballast I | 15 mbar |
| Water vapor tolerance with gas ballast II | 30 mbar |
| Power supply * | 400/50 V/Hz |
| Power rating | 1,1 kW |
| Motor speed | 1440 rpm |
| Intake and exhaust | G1 1/4 " |
| Oil capacity | 2,0 L |
| Ambient temperature | 10 ÷ 40 °C |
| Noise level | ≤59 dB |
| Dimensions (L*W*H) | 555 x 304 x 268 mm |
| Weight | 39.2 kg |

Pictures of some products may vary. Every effort has been made to ensure that the information contained in this catalog is correct. Due to constant technological development, we reserve the right to make changes without notice.

# Vacuum pump VSV-40

The single-stage Value vacuum pump is designed for generating vacuum in closed systems. The VSV series pumps use a small amount of fresh air (so-called gas ballast) at the end of the vacuuming cycle, which pushes out the impurities drawn during the vacuum generation, thus preventing the risk of oil contamination. Pump inlet is equipped with a non-return valve that prevents air from entering the system after the power is switched off as well as unwanted oil suction. In addition, the pumps are equipped with an oil mist filter, thanks to which pollutants escaping during pump operation are reduced to a minimum. The devices have been designed so that the lubrication system is in the closed mode and the deposited oil in the oil mist filter flows to the device by gravity.

With a wide range of capacities from 20 to 300 $m^3$ / h, and the use of single-phase and three-phase electric motors with outputs from 0.75 kW to 5.5 kW, the pumps have gained a wide range of applications.

The scope of application:

- vacuum packing
- laboratory and analytics
- mechanical engineering
- medicine and hospitals
- vacuum forming
- motorization and transport
- lifting
- vulcanization
- printing
- LED
- wood industry
- metallurgical industry
- wind, solar, electric power