

Technical Data

Product: SOGEVAC SV 120 B - with standard gas ballast valve
 Part-No.: 960557

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|--|--|---------------|
| Inlet connection: | G 1 1/4" Inside thread | |
| Outlet connection: | G 1 1/4" Inside thread | |
| Nominal pumping speed at 50 Hz: | 130.0 m ³ /h | 77.0 cfm |
| Nominal pumping speed at 60 Hz: | 147.0 m ³ /h | 86.0 cfm |
| Pumping speed at 50 Hz: | 110.0 m ³ /h | 65.0 cfm |
| Pumping speed at 60 Hz: | 120.0 m ³ /h | 72.0 cfm |
| Ultimate partial pressure without gas ballast: | ≤ 0.5 mbar | ≤ 0.4 Torr |
| Ultimate total pressure without gas ballast: | ≤ 0.5 mbar | ≤ 0.4 Torr |
| Ultimate total pressure with standard gas ballast: | ≤ 1.5 mbar | ≤ 1.0 Torr |
| Ultimate total pressure with small gas ballast: | ≤ 0.8 mbar | ≤ 0.6 Torr |
| Water vapor tolerance at 50 Hz | | |
| with standard gas ballast: | 30.0 mbar | 22.5 Torr |
| with small gas ballast: | 10.0 mbar | 7.5 Torr |
| Water vapor tolerance at 60 Hz | | |
| with standard gas ballast: | 30.0 mbar | 22.5 Torr |
| with small gas ballast: | 10.0 mbar | 7.5 Torr |
| Water vapor capacity at 50 Hz | | |
| with standard gas ballast: | 1.600 g/h | |
| with small gas ballast: | 450 g/h | |
| Water vapor capacity at 60 Hz | | |
| with standard gas ballast: | 1.700 g/h | |
| with small gas ballast: | 600 g/h | |
| Operating fluid: | LVO 130 | |
| Operating fluid capacity: | 2.0 l | 2.1 qt |
| Noise level to DIN 45 635 | | |
| without gas ballast: | 61 - 64 dB(A) | |
| Mains connection: | 3-ph, 230/400 V, ±10%, 50 Hz 3-ph, 230/400/460 V, ±10%, 60 Hz | |
| Motor rating at 50 Hz: | 2.4 kW | 3.3 HP |
| Motor rating at 60 Hz: | 3.2 kW | 4.3 HP |
| Rotation speed at 50 Hz: | 1.500 min ⁻¹ | 1.500 rpm |
| Rotation speed at 60 Hz: | 1.800 min ⁻¹ | 1.800 rpm |
| Motor protection rating: | IP 55-F | |
| Admissible ambient temperature: | +12 to +40°C | +54 to +104°F |
| Dimensions: | see dimension sheet | |
| Weight: | ≈ 78.0 kg | ≈ 172.0 lbs |

Technical data are subject to change