

Technical Data

Product: SCREWLINE SP 630 O₂ - Oxygen operation
 Part No.: 117040

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|---|---|-------------------------------|
| Inlet / Outlet connection: | EN 1092-2 - PN 6 - DN 100 EN 1092-2 - PN 16 - DN 100 ISO 1609-1986 (E)-100 (DN 100 ISO-K) ASME B 16.5 NPS4 class 150 | |
| Pumping speed at 50 Hz: | 630 m ³ /h | 371 cfm |
| Pumping speed at 60 Hz: | 630 m ³ /h | 371 cfm |
| Ultimate total pressure without gas ballast | | |
| at 50 Hz: | ≤ 1.0 x 10 ⁻² mbar | ≤ 7.5 x 10 ⁻³ Torr |
| at 60 Hz: | ≤ 1.0 x 10 ⁻² mbar | ≤ 7.5 x 10 ⁻³ Torr |
| Ultimate total pressure with gas ballast | | |
| at 50 Hz: | ≤ 1.0 x 10 ⁻¹ mbar | ≤ 7.5 x 10 ⁻² Torr |
| at 60 Hz: | ≤ 1.0 x 10 ⁻¹ mbar | ≤ 7.5 x 10 ⁻² Torr |
| Water vapor tolerance at 50 Hz: | 40.0 mbar | 30.0 Torr |
| Water vapor tolerance at 60 Hz: | 40.0 mbar | 30.0 Torr |
| Water vapor capacity at 50 Hz: | 14.0 kg/h | |
| Water vapor capacity at 60 Hz: | 14.0 kg/h | |
| Operating fluid gear box: | LEYBONOL LVO 210 | |
| Operating fluid capacity: | 15.0 l | 15.9 qt |
| Noise level to DIN 45 635 without gas ballast | | |
| at 50 Hz: | 73 db(A) | |
| at 60 Hz: | 75 db(A) | |
| Mains connection: | 3-ph, 210/460 V, 60 Hz | |
| Motor rating at 50 Hz: | 15.0 kW | 20.0 HP |
| Motor rating at 60 Hz: | 15.0 kW | 20.0 HP |
| Rotation speed at 50 Hz: | 2.930 min ⁻¹ | 2.930 rpm |
| Rotation speed at 60 Hz: | 3.530 min ⁻¹ | 3.530 rpm |
| Motor protection rating: | IP 55 | |
| Admissible ambient temperature: | +12 to +40°C | +54 to +104°F |
| Dimensions: | see dimension sheet | |
| Weight: | ≈ 530 kg | ≈ 1.166 lbs |

Technical data are subject to change