**Screw Compressor Data Sheet**

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| Basics  data | Model | SLTS- 4.5V-220 | | Remark |
| Cooling method | Air Cooling | |  |
| Flow rate /exhaust pressure  (m3/min Mpa) | 0.25-0.5 | 0.8MPa |  |
| 0.21-0.42 | 1.0MPa |  |
| 0.18-0.36 | 1.25MPa |  |
| Lubricating oil quantity (L) | 3.5L | |  |
| Normal power supply conditions | 220V | |  |
| Capacity control system | Permanent magnet frequency conversion | |  |
| Drive Type | Direct connection | |  |
| Reference conditions environment and pressure (℃/bar. A ) | 15 ℃ / 1ATM | |  |
| Overall dimensions ( mm ) | 1020\*500\*1035 | |  |
| Weight ( kg ) | 120 | |  |
| Air outlet size (inches) | G1/2 internal thread | |  |
| Motor | Motor Type | IE4 permanent magnet motor | |  |
| Power(KW) | 4.5kw | |  |
| Cooling method | Air Cooling | |  |
| Motor rated speed (rpm) | 3000 | |  |
| Startup Method | frequency conversion | |  |
| Voltage/Frequency ( V/HZ ) | 220/300 | |  |
| IP Rating | twenty three | |  |
| Insulation class | F | |  |
| performance  data | Bearing temperature (℃) | / | |  |
| Compressor casing temperature (℃) | 30 | | According to the ambient temperature |
| Exhaust temperature(℃) | 40 (gas tank outlet temperature) | | According to the ambient temperature |
| Oil content (ppm) | 3 | |  |
| Vibration level (mm/s) | 1.2 | |  |
| Noise dB(A) | 58 ± 2 | |  |
| Pressure before unloading separation (bar.g) | 4.5 | |  |
| Air tank | Gas tank capacity (L) | 100L | |  |
| Gas tank pressure resistance (Mpa) | 1.5Mpa | |  |
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