

# Rotary Screw Compressors With Fluid Cooling

**With Belt Drive****SX SERIES**Free air delivery from 0.26 to 0.81 m<sup>3</sup>/min, Pressure 5.5 - 15 bar**Complete unit**

1. Ready-to-run.
2. Fully automatic.
3. Super silenced.
4. Vibration-damped.
5. All panels powder-coated.
6. For ambient temperatures up to +45 °C.
7. Easy access to all service points thanks to removable left cover.

**Electric motor**

1. IE3 premium efficiency motor.
2. Quality German manufacture.
3. IP 54.

**Rotary screw airend**

1. SIGMA Profile rotors require approximately 10 to 20 percent less energy than conventional rotors of the same air delivery capacity.
2. IP 54.

**Efficient cooling**

1. Dual flow fan and separate air flow channels for cooling of the motor, the fluid/compressed air cooler and the control cabinet.
2. Fluid and air flow: 'Honeycomb' air intake filter, pneumatic inlet and venting valves, cooling fluid separator tank with triple separation system.
3. Pressure relief valve.
4. Minimum pressure check valve.
5. Thermostatic valve and fluid filter in coolant circuit.
6. Fluid / compressed air combination cooler.

**Refrigeration dryer (with T version)**

1. With electronically-controlled condensate drain.
2. Refrigerant compressor with energy-saving, cycling shut-down feature.
3. Linked to operational status of the compressor when inactive.
4. Alternatively, continuous operation can be selected on site.
5. Contains fluorinated greenhouse gas R-134a.

**Electrical components**

1. Control cabinet to IP 54.
2. Control cabinet ventilation.
3. Automatic star-delta starter.
4. Overload relays.
5. Control transformer.



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