

SCR COMPRESSOR

▶ PM Series

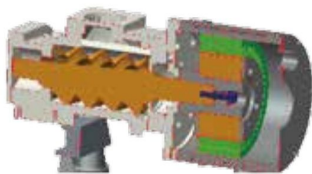


High Efficiency Airend

The asymmetrical rotor profile allows for a broader sealing band between rotors compared to the conventional narrow line style seal in most other airends. This increases airend efficiency by 5%-10%.

The use of large diameter rotors allow for higher efficiencies even at low rotational speeds providing tangible benefits such as reduced noise and extended longevity.

Oversized dual, back to back taper roller bearings effectively retain the rotor position during all load, unload and starting conditions.



Special Designed Dual Housing Oil Cooling IP65 PM Motor

Our Permanent Magnet motor adopts a dual housing design which utilizes the compressors oil circuit to cool motor. This helps prevent any demagnetisation of the PM motor keeping it cool throughout the speed range. The PM motor efficiency is higher than IE3 premium efficiency motors. The motor uses high performance magnetic materials giving many advantages such as bearing free operation, grease free maintenance, direct 1:1 coupling without transmission losses, low noise and low vibration leading to a compact footprint. The motor has a visible cover at the back allowing you to easily view motor rotation.



Latest Inverter Technology

SCR take use of latest vector control technology which allow more precise control for compressor. Time proof high reliability Inverter.