



## **Atlas Copco Airtec OIS J-01 Air end Part No.: 1612238880 Screw air compressor**


Atlas Copco Airtec OIS J-01 Airend Part No 1612238880 is a precision-engineered rotary screw air compressor component designed for outstanding performance and durability in demanding industrial compressed air systems. This airend is the heart of the compressor, responsible for compressing air efficiently by using male and female helical rotors. With the exact part number 1612238880 clearly integrated into the description, this component offers seamless traceability and ensures compatibility with the Airtec OIS J-01 series machines, simplifying maintenance and part replacement procedures.


Crafted from high-strength alloys and precision-machined to tight tolerances, the Airtec OIS J-01 airend delivers exceptional volumetric efficiency and minimal internal leakage. The helical rotor profiles are finished to exacting surface standards, reducing internal friction and ensuring consistent isothermal compression. Featuring robust shaft seals and a reinforced housing, the unit is engineered to handle high pressures, thermal loads, and continuous operation without compromising reliability or service life. Its compact design supports integration into both new and customer retrofitted compressor systems.


Engineered for operational efficiency, the Atlas Copco Airtec OIS J-01 airend enables energy savings typically associated with rotary screw compressor technology. The advanced rotor design reduces pulsation and vibration, contributing to lower noise levels and decreased mechanical stress. Maintenance is optimized through accessible inspection ports and modular components, facilitating servicing without complete unit disassembly. Upgrading or replacing the airend in aging Airtec J-01 compressors helps restore performance levels while also extending equipment longevity.

Overall, the Atlas Copco Airtec OIS J-01 Airend Part No 1612238880 delivers a robust, high-efficiency core component engineered for long-term reliability in industrial compressed air systems. Its precision manufacturing, operational sustainability, and compatibility with Airtec J-01 series compressors make it a smart choice for plants seeking to maintain optimized performance, reduce downtime, and manage lifecycle costs effectively.

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