

Ingersoll Rand

Air Motors



Introduction

For more than 125 years, Ingersoll Rand has been an industry leader in engineering and manufacturing air power. Ingersoll Rand is the expert in air power.

Air Power

Creating sheer power from the natural environment, Ingersoll-Rand air motors are flexible, efficient alternatives to electric sources—perfect for a wide range of industrial applications. Consider these advantages:

- *Infinitely variable speeds and torques* via pressure regulation or air valves—no costly controls required
- *Instant starting, stopping and reversing* eliminates the delays of motor speed-up or slow-down periods
- *Will not overheat or burn out*, even when overloaded or run to stall
- *Safe operation in hazardous conditions*, with no electrical sparks or hydraulic fluids
- *Cool running characteristics minimize* the effects of hot, wet or dusty surroundings
- *Low maintenance*, based on simplicity of design and strength of construction
- *Excellent design flexibility*—a function of compact size, light weight, and high power output
- *Temperature range*—up to 150°F with standard lubrication and up to 300°F with high temperature lubrication



Full Spectrum of Solutions

Ingersoll Rand offers well over 200 cataloged models of air motors, with an extensive range of options:

- *Reversible and non-reversible types*
- *Vane or piston configurations*
- *Geared and non-geared varieties*
- *0.10 to 30 horsepower*
- *23 rpm to 26,000 rpm speed ratings*
- *0.10 ft-lb. to 1090 ft-lb. torque ratings*

In addition, Ingersoll Rand maintains data on hundreds of special application air motors that have solved problems for design engineers around the world over the years. You can access this invaluable resource by contacting your Ingersoll Rand representative or distributor with details of your situation.

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