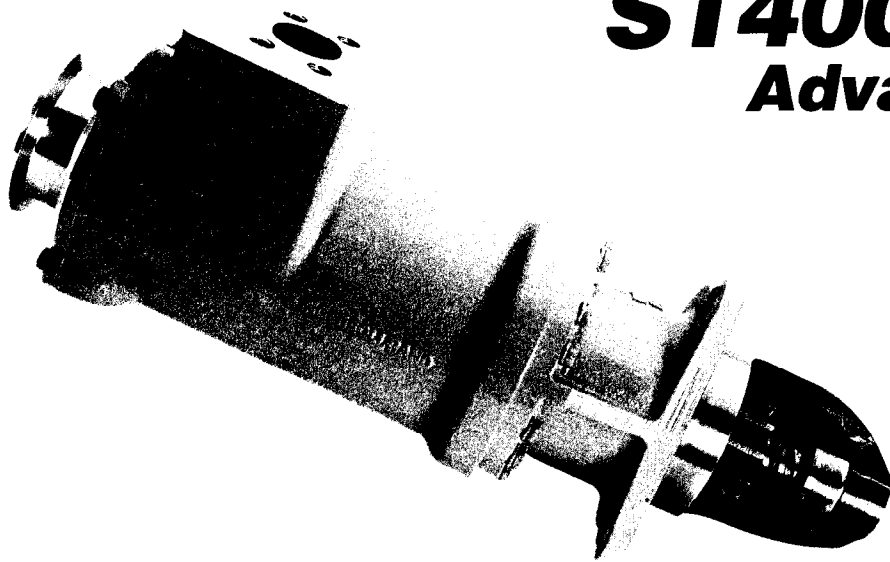


ST400 Series Gas Sealed Turbine Starters

ST400G Advantages



- Gas sealed
- Lube-free motor
- Lightweight
- Quicker starts
- Low pressure operation
- Field proven drive
- Quieter
- Simpler system

Gas Sealed

High Quality o-ring seals ensure an airtight design and make the ST400G safe to operate with natural gas. Every ST400G is leak tested and certified as gas sealed before it leaves the factory.

Lube-Free Motor

ST400G starters use turbine motor technology to extract maximum power from the supplied pressure source. Turbine motors have no contacting parts, eliminating the need for lubricated air.

Light Weight

Due to the innovative turbine motor technology, the ST400G is lighter than the vane style starters it replaces. Pound for pound, nothing beats a turbine motor for power output.

Quicker Starts

The dual stage radial turbine motor found in the ST400G is more efficient in delivering maximum starting torque than the older vane designs. This means faster starts with less air consumption.

Low Pressure Operation

The ST400G has been field proven to start engines with as little as 20 psi at the starter inlet. Whether you are using a fixed reservoir or have an unlimited supply of gas, low pressure capability will improve your operational efficiency.

Field Proven Drive

The ST400G utilizes the same rugged inertia drive that is present on our 150 series vane starters.

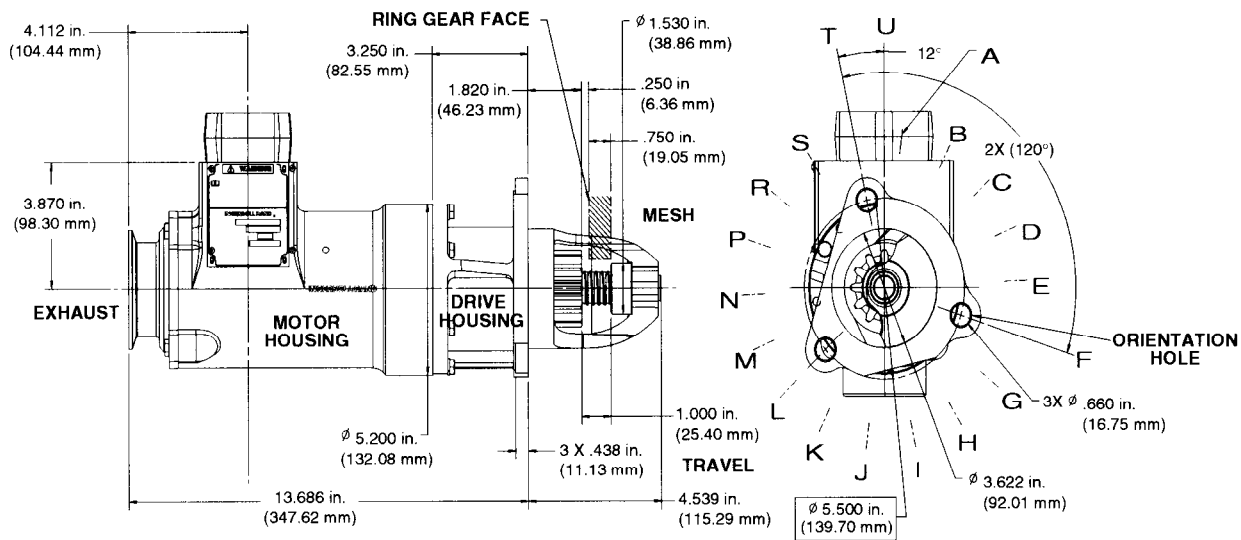
Quieter

Advanced design and materials makes the I-R turbine motor inherently more quiet than vane-style motors. The dual stage radial inflow turbine has a "Whisperized" effect that reduces sound levels.

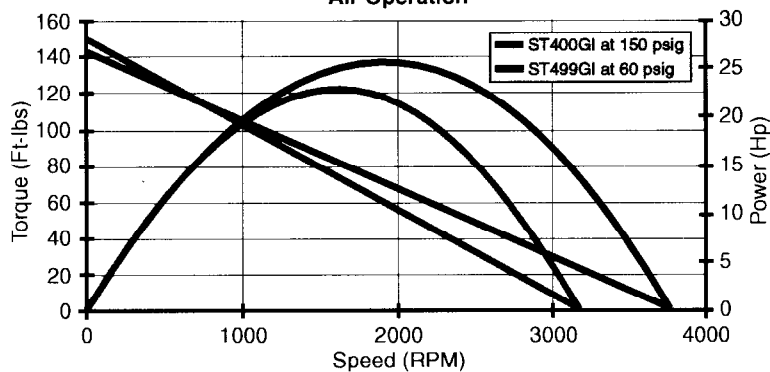
Simpler System

Turbine motor technology allows you to eliminate both Lubricators and Mufflers from your current system. Upgrading will ease maintenance, minimize the number of parts, and maximize reliability.

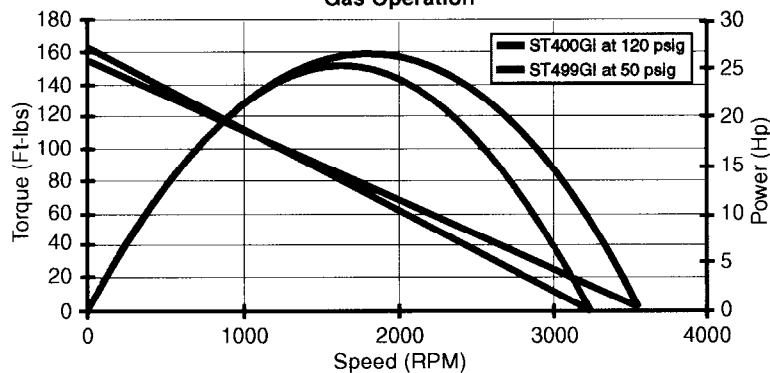




Performance Curves for Air Operation



Performance Curves for Gas Operation



Accessories

Part Number	Description
ST900-267-24	1½" Y-strainer
SRV125	1¼" Relay Valve
SMB-G618	Manual Control Valve
04562153	V-band Straight Exhaust
04561981	2" Elbow Exhaust Adapter

Upgrade your system the right way

Ingersoll-Rand's new line of Gas Sealed ST400 Starters represent yet another product designed to help our customers simultaneously increase the productivity and safety of their operations. If you want to step up the next level in engine starting systems, contact your nearest Ingersoll-Rand distributor for more information.

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