

T100-C Air/Gas Starting Motors

Designed
Specifically for
Solar Centaur and
Taurus Gas Turbine
Engines

T100-C is a single starting motor upgrade and direct replacement for your original dual motor vane type and turbine type Ingersoll-Rand, as well as the helical lobe type Hilliard starting motor assemblies on Solar Centaur and Taurus engines. The T100-C features TDI's successful, field-proven TurboTwin turbine motor design. We have combined this field-proven turbine motor design, with the perfect gear ratio to optimize the start cycle sequence on your Centaur and Taurus engine.

Environmentally Compliant. Meet EPA Standards Now.

In an environment continually defined by government mandated regulation, the issue of fugitive emissions is playing a larger role in the decision process. T100-C identifies and addresses the specific areas of start gas consumption and start gas lubrication. The T100-C

consumes as little as half the starting gas on a per start basis compared with competitive OE starter assemblies. Combine this with the TurboTwin motor that requires **no inlet gas mist lubrication** and you can operate a starting package capable of emissions compliance.

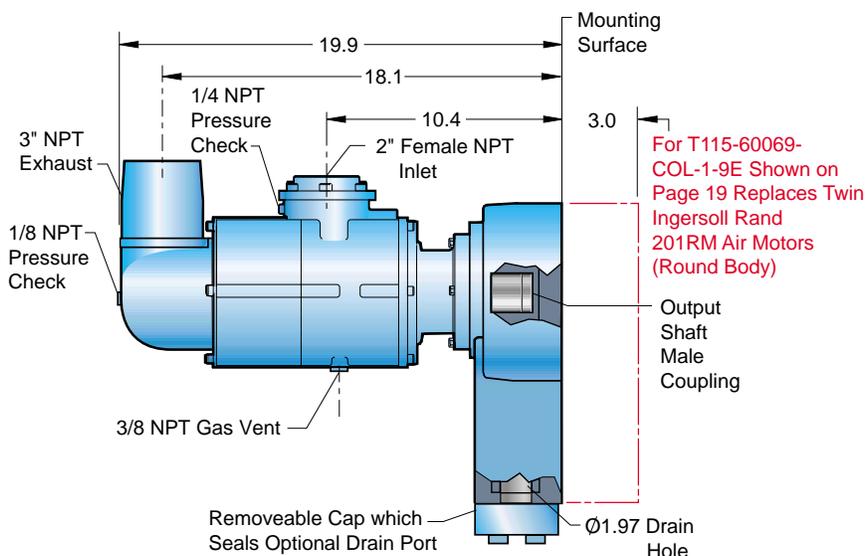
Tolerates Contaminates.

One reason so many users are switching to the TDI TurboTwin design on their Solar gas turbine engines is the T100-C's ability to tolerate inlet gas contaminants. Unlike positive displacement (vane and helical lobe) starters and competitive turbine designs, the TurboTwin consumes and passes dirt, sand and other contaminant matter. Large gas-path passages designed into the TurboTwin motor allow these contaminants to pass through the TurboTwin motor without harm—unlike other designs that cannot tolerate contaminants of any kind. Sour gas is no problem. The T100-C design is capable of operating on field gas as easily as pipeline gas. The choice is yours.

Easy Replacement.

The T100-C is comparatively small and light. At 6.1" in diameter, 13" long and weighing 35 pounds, this starter is easily installed and maintained. The T100-C is designed to bolt directly to the accessory drive housing of your Centaur or Taurus engine. Our design utilizes the existing mounting studs as well as

DIMENSIONAL DATA TDI T100-C TURBO*TWIN*



T115-60057-COL-1-9E Shown
Replaces Ingersoll Rand SS 800 & TS700 (Square Body Motors)