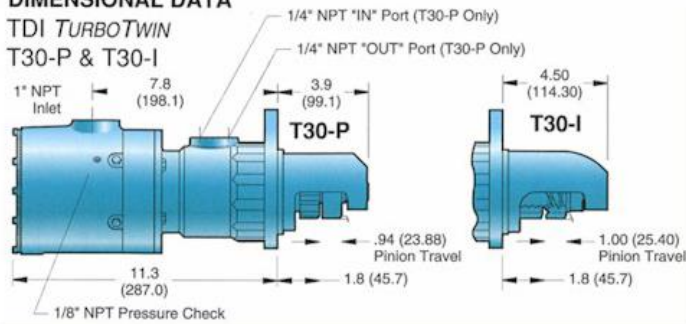


## T30 TurboTwin Fast, Compact Starting for Engines up to 20 Liters

The T30 generates up to 25% more stall torque than other starters in its class. Its highly efficient twin-turbine motor design gives you more cranking power with less air for faster starts. Unlike starters that require a mechanical automatic trip valve (ATV), the T30 uses aerodynamics to control motor speed, giving you total control over the start cycle.

### DIMENSIONAL DATA

TDI *TURBOTWIN*  
T30-P & T30-I



### SPECIFICATIONS

<b>Engines:</b>	Starts Engines up to 20 Liters (1200 CID)	<b>Rotation:</b>	(Facing Pinion Orientation) Righthand/clockwise and Lefthand/counter clockwise
<b>Design Configuration:</b>	T30-I Inertia-Engaged T30-P Pre-Engaged	<b>Air/Gas Supply:</b>	Compressed Air or Natural Gas
<b>Common Pinion Configurations:</b>	6/8 Standard, 11 Tooth 8/10 Pitch, 12 Tooth	<b>Lubrication:</b>	Grease-Packed For Life, None Required
<b>Mounting:</b>	SAE 3 Flange SAE 1 Flange (for P only)	<b>Gear Ratio:</b>	T30-I 11:1 T30-P 9:1
<b>Horsepower:</b>	21 hp (15.65 kW) Cranking Power at only 120 psig (8 BAR) 34 hp (25.4 kW) Max.	<b>Custom:</b>	Other models and configurations available. Consult your local TDI distributor.
<b>Weight:</b>	29 lbs. (13.2 kg)		
<b>Operating Pressure Range:</b>			

MODEL	NOZZLES	PSI	BAR
T303-I	3 (for Small Engines)	150	10.3
T306-I	6 (Standard)	120	8.3
T312-I	12 (Low Pressure)	60	4.1
T303-P	3 (for Small Engines)	150	10.3
T306-P	6 (Standard)	150	10.3
T312-P	12 (Low Pressure)	Consult TDI	Consult TDI

For applications in the 60–90 psig (4.1–6.2 BAR) range, consult your TDI distributor for best nozzle configuration.

