

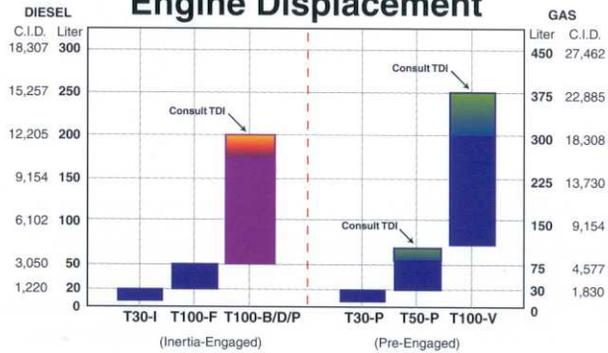
Specifications:

T100-D

TURBOTWIN™

Engine Air Starters

Starter Selection Chart Engine Displacement

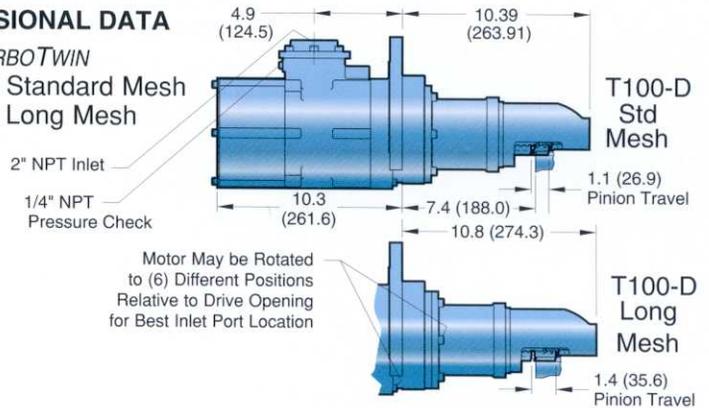


Consult your TDI Distributor and the TDI Selection Guide before choosing a TDI TURBOTWIN starter for any application.

This selection chart shows basic starter capability by engine size. Note the chart shows four-stroke diesel engine size on the left and four-stroke, spark-ignited engine sizes on the right. Always consult TDI for application-specific capability.

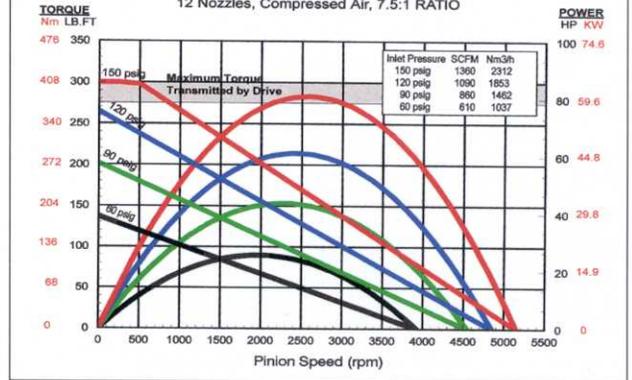
DIMENSIONAL DATA

TDI TURBOTWIN
T100-D Standard Mesh
T100-D Long Mesh



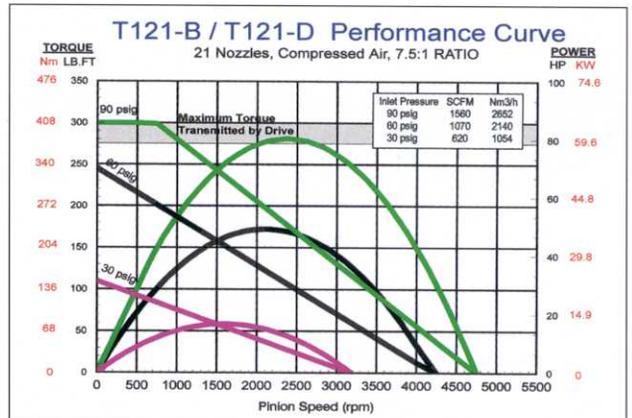
T112-B / T112-D Performance Curve

12 Nozzles, Compressed Air, 7.5:1 RATIO



T121-B / T121-D Performance Curve

21 Nozzles, Compressed Air, 7.5:1 RATIO



Eliminate remote service trips with the reliability of T100-D.



SPECIFICATIONS

Engines: Starts Engines up to 250 Liters (15,000 CID)

Design Configuration: Inline; Inertia-Engaged

Common Pinion Configuration: 6/8 Pitch, 12 Tooth (2 inch pitch diameter pinion)

Mounting: SAE D-Style Flange

Horsepower:
 T112-D: 80 hp (60 kW) Max. at 150 psig (10.3 BAR)
 T121-D: 80 hp (60 kW) Max. at 90 psig (6.2 BAR)

Weight: 70 lbs. (32 kg)

Operating Pressure Range:

MODEL	NOZZLES	PSI	BAR
T112-D	12	30 – 150	2 – 10.3
T121-D	21	30 – 90	2 – 6.2

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

Rotation: (Facing Pinion Orientation) Righthand/clockwise and Lefthand/counter clockwise

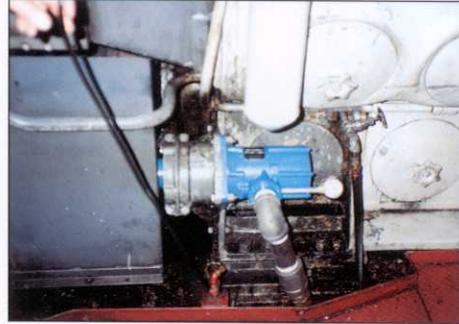
Air/Gas Supply: Compressed Air or Natural Gas

Lubrication: Grease-Packed For Life, None Required

Gear Ratio: 7.5:1

Custom: Other models and configurations available. Consult your local TDI distributor.

T100-D's grease-packed for life feature eliminates wear, reduces maintenance, and delivers a significantly longer starting life.



Two views of a T100-D on an EMD 16-567 diesel engine



T100-D was designed specifically to resist marine contaminants like salt air, humidity and pipescale.

Long Cranking Cycles and Remote-Start Reliability Make T100-D Ideal for the Oil and Gas Fields



A trio of T100-Ds on a Clark gas engine provide the reliability to handle the higher cranking speeds.