



TOA 288

Fuel Efficient & Compact Engine

Capable to operate under harsh environmental conditions

Suitable for pusher and tractor applications

Horizontal or vertical installation



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Technical Data

Altitude	20'000 ft
Performance	17,6 kW at 6'500 rpm (23,9 HP) 27,2 Nm at 6'000 rpm
Fuel Efficiency	315 g/kWh (BSFC)
Displacement	288 cm ³
Weight	9,2 kg engine 2,0 kg exhaust & silence 1,1 kg 1 kw / 28VDC regulator
Management & Control	ECU / 12V-system Automatic via ECU
Ignition System	CDI (Capacitor Discharge Ignition)
Fuel	Min. 95RON (90AON MOGAS) or AVGAS LL100
Mixture	1:60 (1,6 %) 2-stroke oil API TC

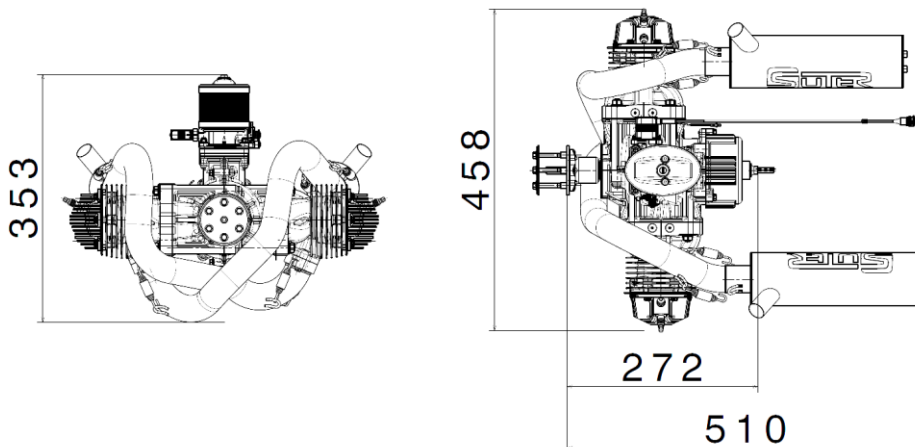
Technical Features

- Two-cylinder, two-stroke boxer engine
- ▶ horizontal & vertical Installation
 - ▶ crankshaft in high strength steel, single piece connecting rods with needle bearings
 - ▶ Cylinders in casted aluminium, nickel-silicone coated barrel
 - ▶ Throttle control by SERVO, controlled via ECU
 - ▶ ECU for fuel, ignition, cold start, EGT, CHT, altitude compensation, overheat protection

Options

- ▶ Oil injection
- ▶ 2 kW / 28 VDC Starter Generator Central Unit
- ▶ 0,5 kW / 28 VDC General Centre Unit
- ▶ Double ignition
- ▶ Reduction drive

Dimensions



Performance Curve

