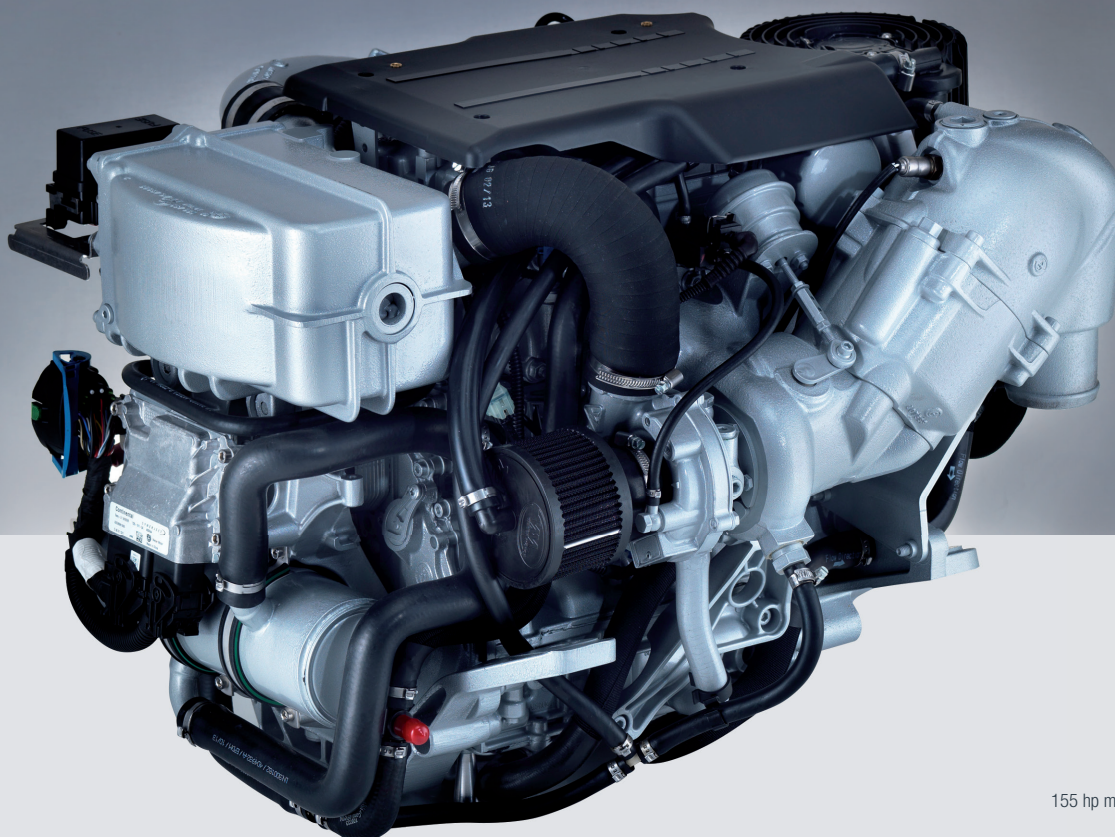


MPE 850 FOUR STROKE MARINE TC

Intercooled Turbo: 120 hp – 155 hp



155 hp model shown

TECHNICAL SPECIFICATIONS

Type	4-stroke gasoline engine, parallel twin with balance shaft and overhead camshaft (SOHC)	
Displacement	846 ccm	
Power	92 kW/120 hp@7500 rpm	113 kW/155 hp@7500 rpm
Torque	113 Nm/88.5 Ft-lbs	143 Nm/107 Ft-lbs
Bore x Stroke/Compression	89 mm x 68 mm/9:1	
Alternator, Internal	> 450 W@4000 rpm	
Cooling System	Closed coolant circuit and open sea water cooling circuit	
Lubrication System	Dry Sump Oil System	
Starting System	Integrated Electrical Starter	
Fuel Delivery System	Map based, multipoint electronic fuel injection	
Aspiration	Turbocharged (TC) and Intercooled (IC)	
Fuel Requirement	Premium unleaded gasoline (95 ROZ/91 R+M/2 minimum)	
Weight	95 kg/209 Lbs	100 kg/221lbs

MPE 850 FOUR STROKE MARINE TC

Intercooled Turbo: 120 hp – 155 hp

The Turbocharged (TC) engine family is a proven and durable marine power solution that's been in series production since 2003. It features a parallel twin, overhead cam engine with multi-point fuel injection that includes a closed-loop, thermostat-controlled cooling system, turbo-charging with intercooler and lambda control. It provides a new level of technological content to realize industry leading performance in a compact package combining remarkably low fuel consumption, very low emissions and an outstanding hp/weight ratio. It is a complete "plug and play", drop-in marine power plant that is truly a next generation replacement to the venerable MPE 750.

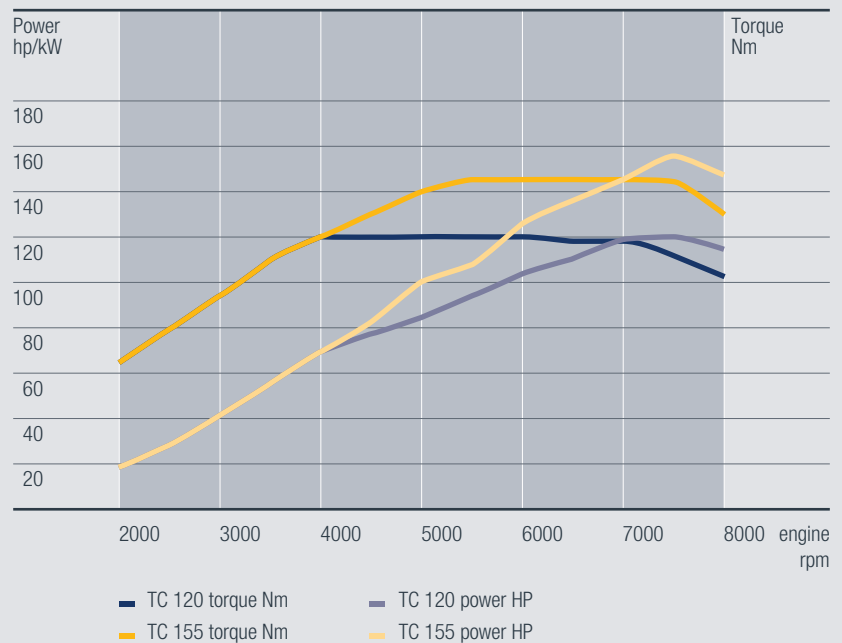
APPLICATION INFORMATION

- Recommended for marine applications with single or twin installations to 25' length.
- Fiberglass and aluminum boats, yacht tenders and personal watercraft.
- CAD files available for engine interface, pump box and hull/intake

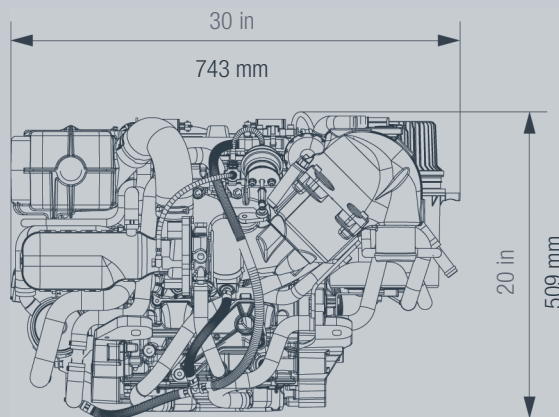
ADVANTAGES

- Best in-class hp/weight ratio, consumption and reliability
- Compact package allows for design flexibility and more usable space
- Durable & proven, over 50,000 engines produced and in the field
- Industry-leading fuel efficiency
- Low NVH – smooth and quiet
- Low Emission: US EPA and EC certified
- Easy to use – drop in "Plug & Play" solution
- Closed-loop cooling system
- Rapid warm-up – ideal for short distances
- Map-based multi-point electronic fuel injection
 - automatic temperature and altitude compensation
 - no choke
 - quick response, no bogging
- Optimized design with no perceivable turbo lag

PERFORMANCE CURVE



KEY DIMENSIONS



155 hp model shown

