

SERVICE IS OUR PROPULSION

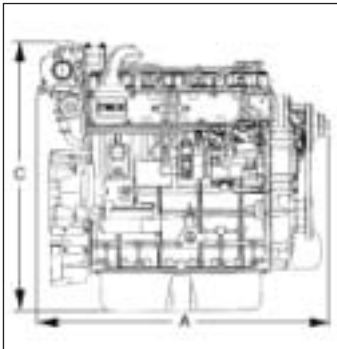
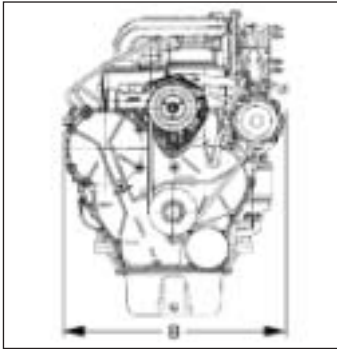
MO 4.20, MO 4.20T - the compact Ship Engines

NEW 2005: The compact diesel engines with innovativ injection and combustion system. Convincing power weight proportion.

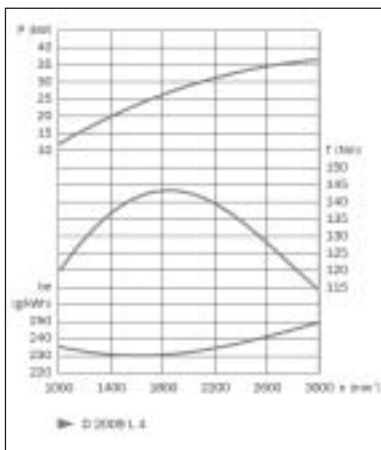
The benefits:

- Very low fuel consumption
- Extremely economy engine with long service intervals
- Low maintenance and user friendly technique equipment
- Low installation cost
- Best exhaust emisions
- **World Wide Service**
- **Customized installation solutions are possible!**

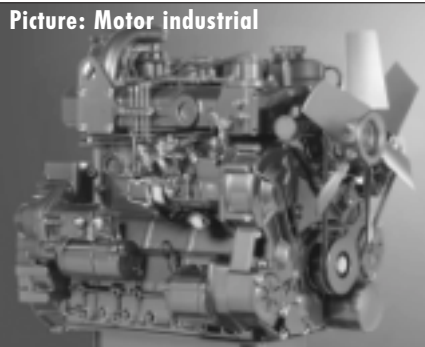
Dimensions:



Power curves:



MO 4.20



Picture: Motor industrial

Engines based on



Generators in open and Super-Silence Version

The Flag-Ship of 4.20 Series:
MO 4.20 TURBO, the forced 50 kW Diesel power pack.
Marinised in cooperation with HS-Marine.

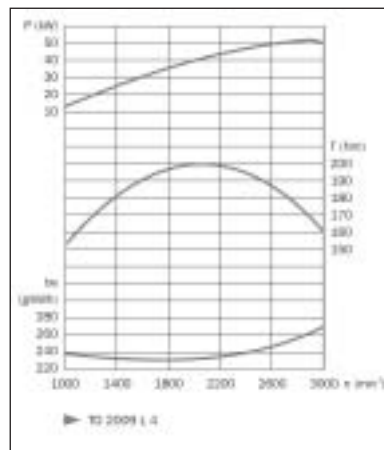
Technical details:

Engine type:	MO 4.20	MO 4.20 Turbo
Basic engine:	Deutz D2009 L4	Deutz TD 2009 L4
Engine construction:	4 cylinder in line with direct injection	4 cylinder in line with direct injection
Cooling system:	two circuit sea water cooling	two circuit sea water cooling
Power rating:	36 kW*	50 kW*
Max torque:	143 Nm at 2000 RPM	143 Nm at 2000 RPM
Displacement:	2290 ccm	2290 ccm
Peso:	220 kg	225 kg

* 1 kW = 1,36 CV

Installation dimensions in mm:

Motor	A	B	C
MO 4.20	680	490	612
MO 4.20T	696	518	633



MO 4.20 Turbo