

Marinediesel MD170

"Barracuda" 127 kW (170 bhp) @3600 rpm

The MD170 is a naturally aspirated 6.5L displacement V8 engine with mechanical injection system. With an output of below 20kW/L this engine is rated for medium duty commercial use and a durability that will surpass any competitor. As it is a naturally aspirated engine it has a very low operational and service cost.

Standard Engine Equipment

AIR INTAKE SYSTEM

Air filter with integrated crankcase ventilation system.

ALTERNATOR

12 volt 105 ampere standard, 24 volt systems available as option.

GOVERNOR CONTROL SYSTEM

Mechanical governor

OIL LUBRICATION SYSTEM

Remote twin oil filters, closed crankcase ventilation system.

MOUNTING SYSTEM

Adjustable mounts

WARNING SYSTEMS

Water temperature and oil pressure alarm system.

COOLING SYSTEM

Belt driven seawater pump, 9" oil cooler, closed cooling system.

FLYWHEEL HOUSING

Borg Warner

BOOST SYSTEM

Naturally aspirated

STARTING SYSTEM

Electric starter motor 12 volt (24 v optional). Topmount starter available as option.

OTHER

MD Marine paint (grey standard, others available), front and rear lifting eyes.



General Data

Engine type	V8
Injection type	IDI
Displacement	6.5L
Bore X stroke	103 X 97 mm
Compression ratio	21:1
Firing order	1-8-7-2-6-5-4-3
Rotation from flywheel	counterclockwise
Oil pressure (hot)	.6psi min@idle
Oil pressure (hot)	.30-43psi min@2000rpm
Operating Temperature	70°C
Injection System	Stanadyne Mechanical
Cooling system	Closed cooling system
Boost system	Naturally aspirated
Exhaust system	356 alu w A4 ss raiser
Dry weight	410 kg
Oil Change intervals	100 hrs
Emissions	EC 2003/44, EPA & IMO

Marinediesel Marine propulsion applications. Revised data October 2009

Power / Torque Curve

