PERFORMANCE DIESEL INC.
AUTHORIZED DISTRIBUTOR
281-464-2345
WWW.PERFORMANCEDIESEL.COM

Marinediesel Power-Pak

350hp - 500 hp @3500 - 3600 rpm

All MarineDiesel Common Rail engines are based on the Duramax 6.6L V8 configuration and are designed to be as compact and light weight as possible while maintaining durability as well as serviceability. The 6.6L V8 is intended for light high speed vessels and has a light duty rating (medium duty as an option).
J1939 and NEMA CAN communication.

Commercial

Pleasurecraft

General Data

Model	MD-VGT32
Number of cyl	8
Bore and stroke mm	103/98
Displacement L	6.6
Compression ratio	16.8:1
Valves per cyl	4
Firing order	1-2-7-8-4-5-6-3
Combustion system	DI Common rail
Engine type	V8
Aspiration	Variable geometry turbo
Charge air cooling	Air to Air
Engine crankcase vent syst	Closed
Max crankcase press kPa	0.5

Physical Data

Length mm	779
Width mm	825
Height mm	969
Weight dry kg	450

Air System

Max intake restriction kPa	6
Engine air flow m3/min	30
Rec air intake pipe diam mm (min)	100
Minimum intake air per eng (cm2)	600

Cooling System

Cooling system	closed cooling
Closed system coolant flow L/min	304
Thermostat start to open °C	7
Thermostat fully open °C	93
Engine coolant capacity L	18
Recommended press cap psi	16

Fuel System

Fuel injection pump	Bosch common rail
Governor regulation	1%
Governor type	Electronic
Maximum fuel transfer pump suction	
Distance of fuel m	2.5
Fuel filter micron size	10

Lubrication System

Oil pressure@2000rpm – psi	30-45
Oil pressure at low idle – psi	12
In pan oil max temperature °C	120

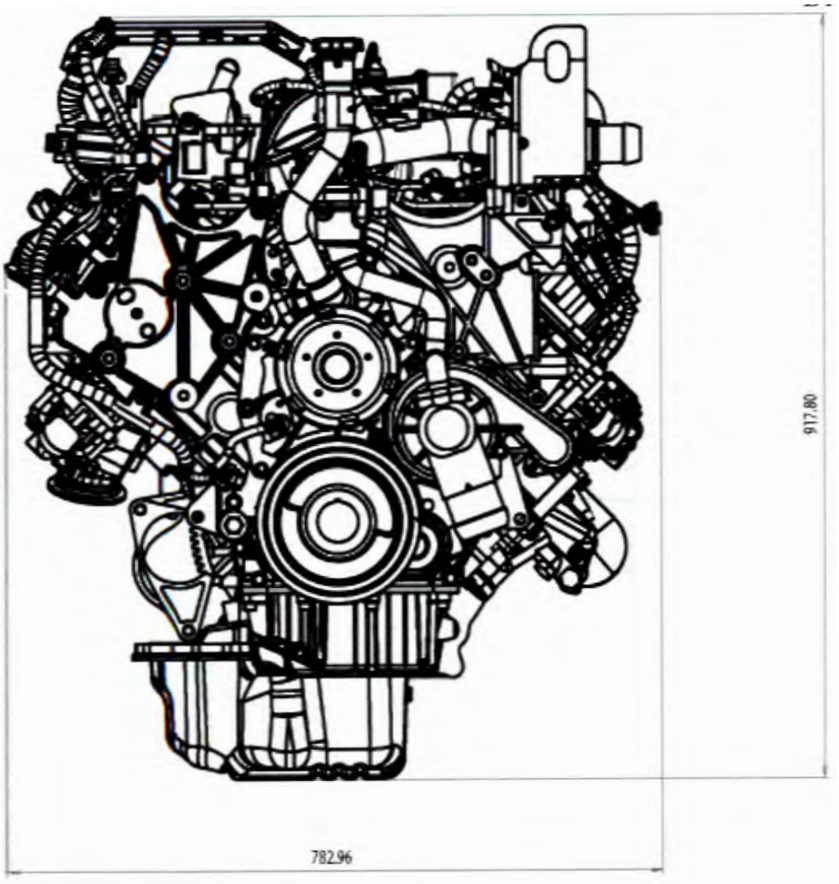
Exhaust System

Exhaust flow m3/min (max)	60
Exhaust temperature °C(max)	700
Max allowable exh backpress kPa	7.5

Electrical System

Recommended battery capacity CCA	
12 volt system – amp	050
Maximum allowable start circuit resistance	
12 volt system – ohm	0.001

Marinediesel Marine propulsion applications. Revised data October 2009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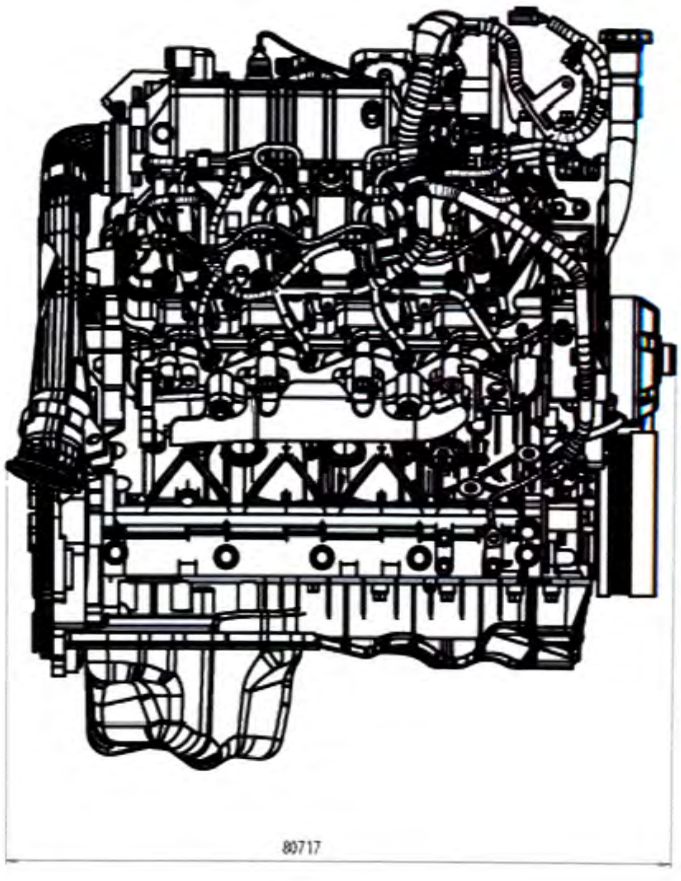
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