Marine
Commercial
CURSOR 13

C13 330
243 kW

Rating type B: - kW (- HP) @ - rpm

Rating type C: - kW (- HP) @ - rpm

Rating type D: 243 kW (330 HP) @ 1800 rpm

SPECIFICATIONS

Thermodynamic cycle		Diesel 4 stroke
Air handling		TC
Cylinders arrangement		6L
Bore x Stroke	millimeters	135 x 150
Total displacement	liters	12.9
Valves per cylinder	number	4
Cooling System		liquid
Direction of Rotation (viewed facing flywheel)		CCW
Engine management		by EDC (Electronic Diesel Control)
Injection System		EUI

WEIGHT AND DIMENSIONS

Dimensions	LxWxH (mm)	1465 x 1000 x 1058
Dry Weight	Kg	1320

DIMENSIONS CAN BE CHANGED ACCORDING TO ENGINE OPTIONS

IMAGES SHOWN ARE FOR ILLUSTRATION PURPOSE ONLY

MARINE

STANDARD CONFIGURATION

Flywheel housing	type	SAE 1
Flywheel size	inch	14"
Air filter		rear side
Turbocharger		Fixed Geometry (water cooled) Turbo (TC)
Heat excharger		tube type
Exhaust gas water mixer - Exhaust cooled elbow		-
Water charge tank		included
Fuel filter	number	2 - right side
Fuel prefilter		included (loose)
Fuel pump		1 - gear driven
Oil filter	number	2 - left side
Oil sump		aluminium
Oil vapours blow-by circuit		included
Oil heat exchanger		included
Oil filler		on timing cover
Starter		24V - 5.5kW
Alternator		24 V - 90 A
Engine stop device		by electronic central unit
Wiring harness		with negative to ground connection
Painting color		white “ICE”

ELECTRICAL SYSTEM

Voltage	V	24

NOT INCLUDED IN STANDARD CONFIGURATION

Battery - minimum capacity recommended	Ah	2 x 180 Ah
Battery - minimum cold cranking capacity recommended	Ah	1200 Ah

LEGEND

Arrangement	Air Handling	Turbocharger	Injection System	Exhaust System
L (in line)	TCA (Turbocharged with aftercooler)	WG (Wastegate)	M (Mechanical)	EGR (Exhaust Gas Recirculation)
V (90° "V" configuration)	TC (Turbocharged)	VGT (Variable Geometry Turbocharger)	ECR (Electronic Common Rail)	SCR (Selective Catalytic Reduction)
	NA (Naturally Aspirated)	TST (Twin Stage Turbocharger)	EUI (Electronic Unit Injector)	
			MPI (Multi Point Injection)	

A1 High Performance Crafts. Full throttle operation restricted within 10% of total use period. Cruising speed at engine rpm <90% of rated speed setting – Maximum usage 300 hours per year.
A2 Pleasure Commercial Vessels. Full throttle operation restricted within 10% of total use period. Cruising speed at engine rpm <90% of rated speed setting – Maximum usage 1000 hours per year.
B Light Duty: Full throttle operation restricted within 10% of use period. Cruising speed at engine rpm <90% of rated speed setting – Maximum usage 1500 hours per year.
C Medium Duty: Full throttle operation < 25% of use period. Cruising speed at engine rpm <90% of rated speed setting – Maximum usage 3000 hours per year.
D Heavy Duty

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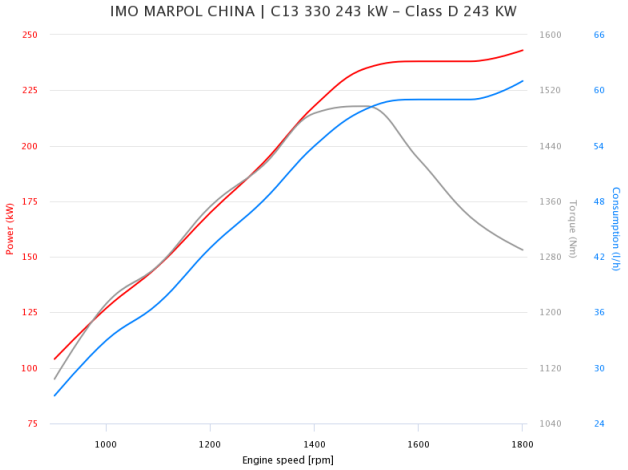
SPECIFICATION SUBJECT TO CHANGE WITHOUT NOTICE

RATING TYPE

		B	C	D
Maximum power [*]	kW (HP)	- (-)	- (-)	243 (330)
At speed	rpm	-	-	1800
Maximum no load governed speed at max rating	rpm	-	-	1975
Minimu idling speed	rpm	-	-	600
Mean piston speed at rated speed	m/s	-	-	9
BMEP at max power	bar	-	-	14.8
Specific fuel consumption at full load (best value)	g/kWh @ rpm	-	-	207 @ 1600
Oil consumption at max rating	(% of fuel cons.)		= 0.2	
Minimum starting temperature without auxiliaries	°C		-15°	
Oil and oil filter maintenance interval for replacement	hours		600	

* Net Power at flywheel according to ISO 3046/1, after 50 hours running, Fuel Diesel EN 590. Power tolerance 5%.

POWER & TORQUE



MARINE

LEGEND

Arrangement
L (in line)
V (90° "V" configuration)

Air Handling
TCA (Turbocharged with aftercooler)
TC (Turbocharged)
NA (Naturally Aspirated)

Turbocharger
WG (Wastegate)
VGT (Variable Geometry Turbocharger)
TST (Twin Stage Turbocharger)

Injection System
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