Marine

Bateaux de plaisance

N67

N67 450 E

331 kW

Caractéristiques nominales A1:	331 kW (450 HP) @ 3000 rpm
Caractéristiques nominales A2:	309 kW (420 HP) @ 3000 rpm
Caractéristiques nominales B:	272 kW (370 HP) @ 3000 rpm
Caractéristiques nominales C:	258 kW (350 HP) @ 3000 rpm

SPECIFICATIONS

Cycle Thermodynamique		Diesel 4 stroke
Alimentation en air		TCA
Agencement des cylindres		6L
Alésage x Course	millimètres	104 x 132
Total cylindrée	litres	6,7
Soupapes par cylindre	number	4
Système de refroidissement		liquid
Sens de rotation (face au volant)		CCW
Gestion moteur		by EDC (Electronic Diesel Control)
Système d'injection		ECR

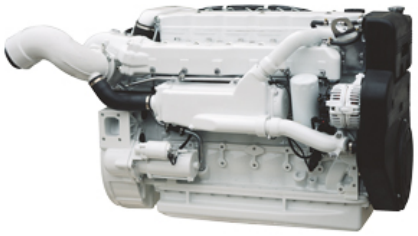
STANDARD CONFIGURATION

Logement du volant	type	SAE 3
Dimension du volant	pouces	11" ½
Alimentation en air		rear side
Turbocompresseur		Waste Gate (water cooled) Turbo with Aftercooler (TCA)
Échangeur de chaleur		tube type
Mélangeur d'eau - gaz d'échappement		-
Réservoir à eau		included
Filtre à carburant	number	1 - left side
Préfiltre à carburant		included (loose)
Pompe à carburant		included
Filtre à huile	number	1 - right side
Carter d'huile		aluminium
Circuit de fuite des gaz et vapeurs d'huile		rear
Échangeur thermique d'huile		built in the crankcase
Orifice de remplissage d'huile		by cylinder head cover
Démarreur		12V - 3kW
Alternateur		12 V - 90 A
Dispositif d'arrêt du moteur		by electronic central unit
Faisceau de câbles		with negative to ground connection
Couleur de la peinture		white "ICE"

WEIGHT AND DIMENSIONS

Dimensions	(L x P x H) mm	1089 x 724 x 788
Poids à sec du véhicule	Kg	600

LES DIMENSIONS PEUVENT CHANGER EN FONCTION DES OPTIONS DU MOTEUR



IMAGES NON CONTRACTUELLES

MARINE

ELECTRICAL SYSTEM

Tension	V	12

NOT INCLUDED IN STANDARD CONFIGURATION

Batterie - puissance minimale recommandée	Ah	120 Ah
Batterie - capacité minimale recommandée du démarrage à froi	Ah	900 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

ıE PLUS AMPLES INFORMATIONS SUR LES ÉVALUATIONS DISPONIBLES NE FIGURANT PAS DANS CE DOCUMENT, VEUILLEZ CONTACTER LE RÉSEAU DE VENTE INDUSTRIELLE FPT OU VISITER NOTRE SITE WWW.FPTINDUSTRIA

SPÉCIFICATION SOUMISE À CHANGEMENT SANS PRÉAVIS

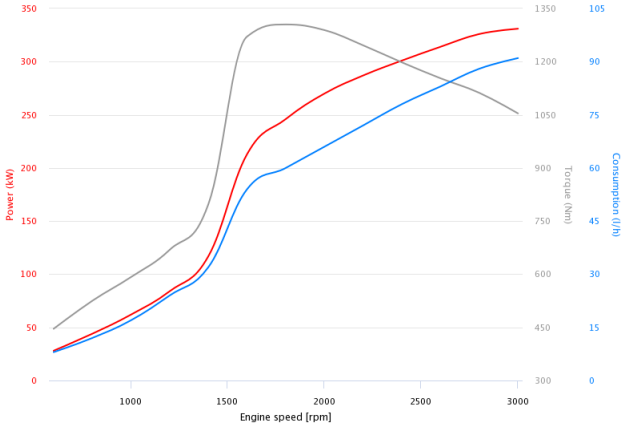
RATING TYPE

		A1	A2	B	C
Puissance maximum [*]	kW (CV)	331 (450)	309 (420)	272 (370)	258 (350)
Régime	tpm	3000	3000	3000	3000
Maximum no load governed speed at max rating	tpm	3150	3150	3150	3150
Minimum idling speed	tpm	600	600	600	600
Vitesse moyenne du piston à la vitesse nominale	m/s	13,2	13,2	13,2	3150
Pression moyenne efficace au frein à la puissance max	bar	25,2	24,1	23,5	23
Consommation de carburant spécifique à pleine charge (n	g/kWh @ tpm	231 @ 3000	228 @ 3000	227 @ 3000	225 @ 3000
Consommation d'huile à service max	g/kWh @ tpm		= 0.2		
Température minimum de démarrage sans auxiliaires	°C		-10°		
[**](heures)	heures		600		

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

POWER & TORQUE

IMO MARPOL Tier2, IMO MARPOL CHINA, EU-RCD Stage II, EU-IWV Stage IIIA, EU-CCNR Stage II | N67 450 E 331 kW - Class A1 331 KW



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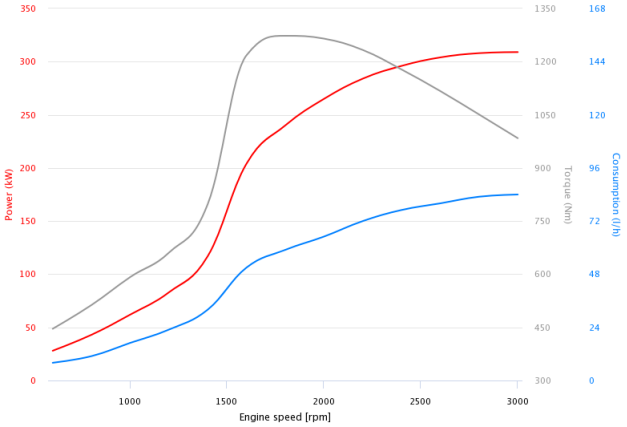
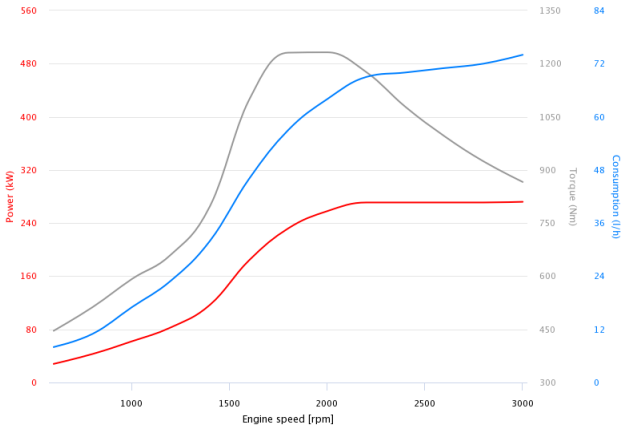


IMO MARPOL Tier2, IMO MARPOL CHINA, EU-RCD Stage II, EU-IWV Stage IIIA, EU-CCNR Stage II | N67 450 E 331 kW - Class B 272 KW



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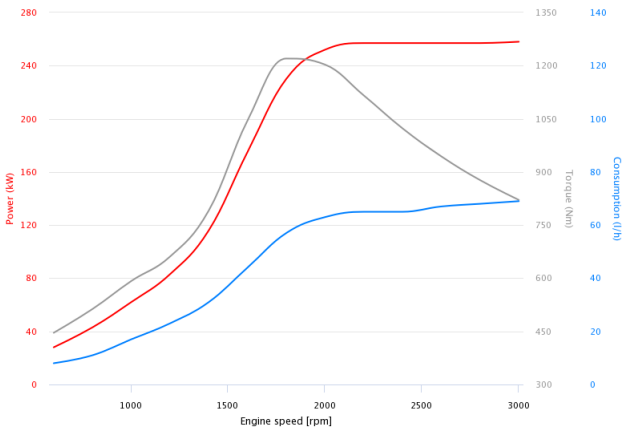

MARINE

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FPT POWERTRAIN TECHNOLOGIES