MARINE

C90 380

PROFESSIONAL - Diesel

CURSOR series

301 kW(410 HP) @ 2000 rpm (C)
280 kW(380 HP) @ 2000 rpm (D)

SPECIFICATIONS

Thermodynamic Cycle	Diesel a 4 tempi
Air Handling	TC
Arrangement	6L
Bore x Stroke (mm)	117 X 135
Total Displacement (l)	8.7
Valves per cylinder (n°)	4
Cooling System	liquid
Direction of Rotation (viewed facing flywheel)	CCW
Engine management	by EDC (Electronic Diesel Control)
Injection System	ECR

STANDARD CONFIGURATION

Flywheel housing (type)	SAE 1
Flywheel size (inch)	14
Air Filter	rear side
Turbocharger	Waste Gate (water cooled) Turbo with Aftercooler (TAA)
Heat Excharger	tube type
Exhaust gas water mixer - Exhaust cooled elbow	-
Water charge tank	included
Fuel filter (n°)	1 - right side
Fuel prefilter	1 - (supplied loose)
Fuel Pump	1 gear driven
Lift pump	-
Oil filter (n°)	2 - left side
Oil sump	aluminium
Oil vapours blow-by circuit	included
Oil heat exchanger	included
Oil filler	by cylinder head cover
Starter	24V - 5.5kW
Alternator	28V - 90A
Engine stop device	by electronic central unit
Wiring harness	with negative to ground connection
Painting color	white “ICE”

ELECTRICAL SYSTEM

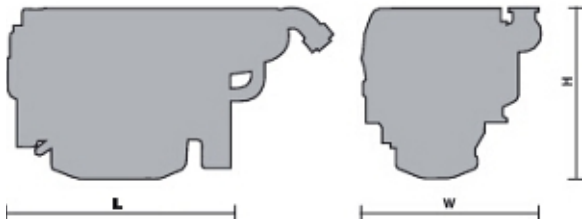
Voltage	24

NOT INCLUDED IN STANDARD CONFIGURATION

Battery - minimum capacity recommended [*] (Ah)	2 x 120
Battery - minimum cold cranking capacity recommended [*] (A)	900

WEIGHT AND DIMENSIONS

L (in line)



L = 1288
W = 868
H = 961
Dry Weight (without marine gear)= Kg 940

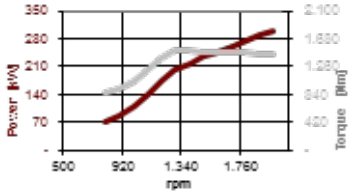
Legend

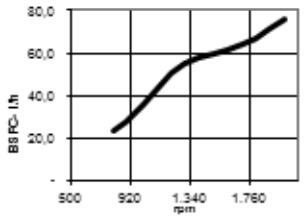
Arrangement | Air Handling | Turbocharger | Injection System

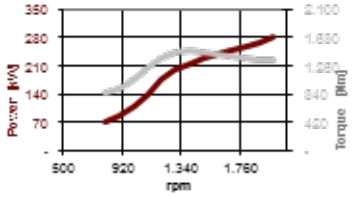
FOR INFORMATION ON THE AVAILABLE RATINGS NOT LISTED IN THIS DOCUMENT PLEASE CONTACT THE FPT INDUSTRIAL SALES NETWORK OR VISIT OUR SITE WWW.FPTINDUSTRIAL.COM

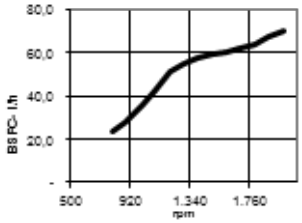
RATING TYPE	B	C	D
Maximum power (kW(HP)@rpm)	-	301 (410) @ 2000	280 (380) @ 2000
High idle speed (rpm)	-	2200	2200
Low idle speed (rpm)	- -	± 600	± 600
Mean piston speed at rated speed (m/s)	-	9	9
BMEP at max power (kg/cm)	-	21.2	19.6
Specific fuel consumption at full load (best value) (g/kWh @ rpm)	-	214,9	210,3
Oil consumption at max rating (% of fuel cons.)		≤ 0.2	
Minimum starting temperature without auxiliaries (°C)		-10 °	
Oil and oil filter maintenance interval for replacement [***] (hours)		500	

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









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

FPT INDUSTRIAL OFFERS THE WIDEST AVAILABILITY OF ENGINE BUILD OPTIONS TO CUSTOMER SPECIFIC REQUIREMENTS WITHIN THE ENGINE SUPPLY. TO FIND OUT MORE ABOUT THE CONFIGURATIONS AND ACCESSORIES WHICH ARE AVAILABLE