

**CURSOR series**382 kW(520 HP) @ 2000 rpm (C)  
368 kW(500 HP) @ 2000 rpm (D)**SPECIFICATIONS**

Thermodynamic Cycle	Diesel 4 stroke
Air Handling	TAA
Arrangement	6L
Bore x Stroke (mm)	135 X 150
Total Displacement (l)	12.9
Valves per cylinder (n°)	4
Cooling System	liquid
Direction of Rotation (viewed facing flywheel)	CCW
Engine management	by EDC (Electronic Diesel Control)
Injection System	EUI

**STANDARD CONFIGURATION**

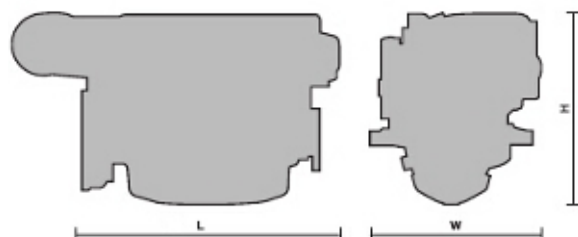
Flywheel housing (type)	SAE 1
Flywheel size (inch)	14
Air Filter	rear side
Turbocharger	Fixed Geometry (water cooled) Turbo with Aftercooler (TAA)
Heat Exchanger	tube type
Exhaust gas water mixer - Exhaust cooled elbow	-
Water charge tank	included
Fuel filter (n°)	1 - right side
Fuel prefilter	1 - (supplied 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	24V - 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 180
Battery - minimum cold cranking capacity recommended [*] (A)	1200

**WEIGHT AND DIMENSIONS**

L = 1465  
W = 1000  
H = 1058  
Dry Weight (without marine gear)= Kg 1345

**Legend**

Arrangement

Air Handling

Turbocharger

Injection System

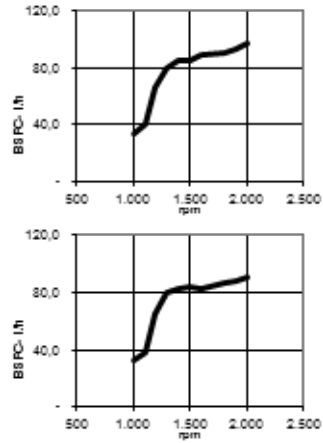
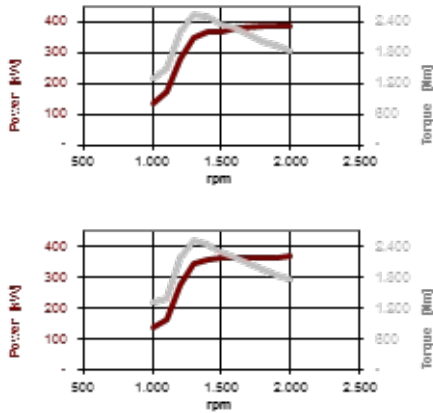
FOR INFORMATION ON THE AVAILABLE RATINGS NOT LISTED IN THIS DOCUMENT PLEASE CONTACT THE FPT INDUSTRIAL SALES NETWORK OR VISIT OUR SITE [WWW.FPTINDUSTRIAL.COM](http://WWW.FPTINDUSTRIAL.COM)



## RATING TYPE

	B	C	D
Maximum power (kW(HP)@rpm)	-	382 ( 520 ) @ 2000	368 ( 500 ) @ 2000
High idle speed (rpm)	-	2170	2170
Low idle speed (rpm)	--	± 600	± 600
Mean piston speed at rated speed (m/s)	-	10	10
BMEP at max power (kg/cm)	-	25.2	25
Specific fuel consumption at full load (best value) (g/kWh @ rpm)	-	195 @ 1400	195 @ 1400
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%.



- 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

