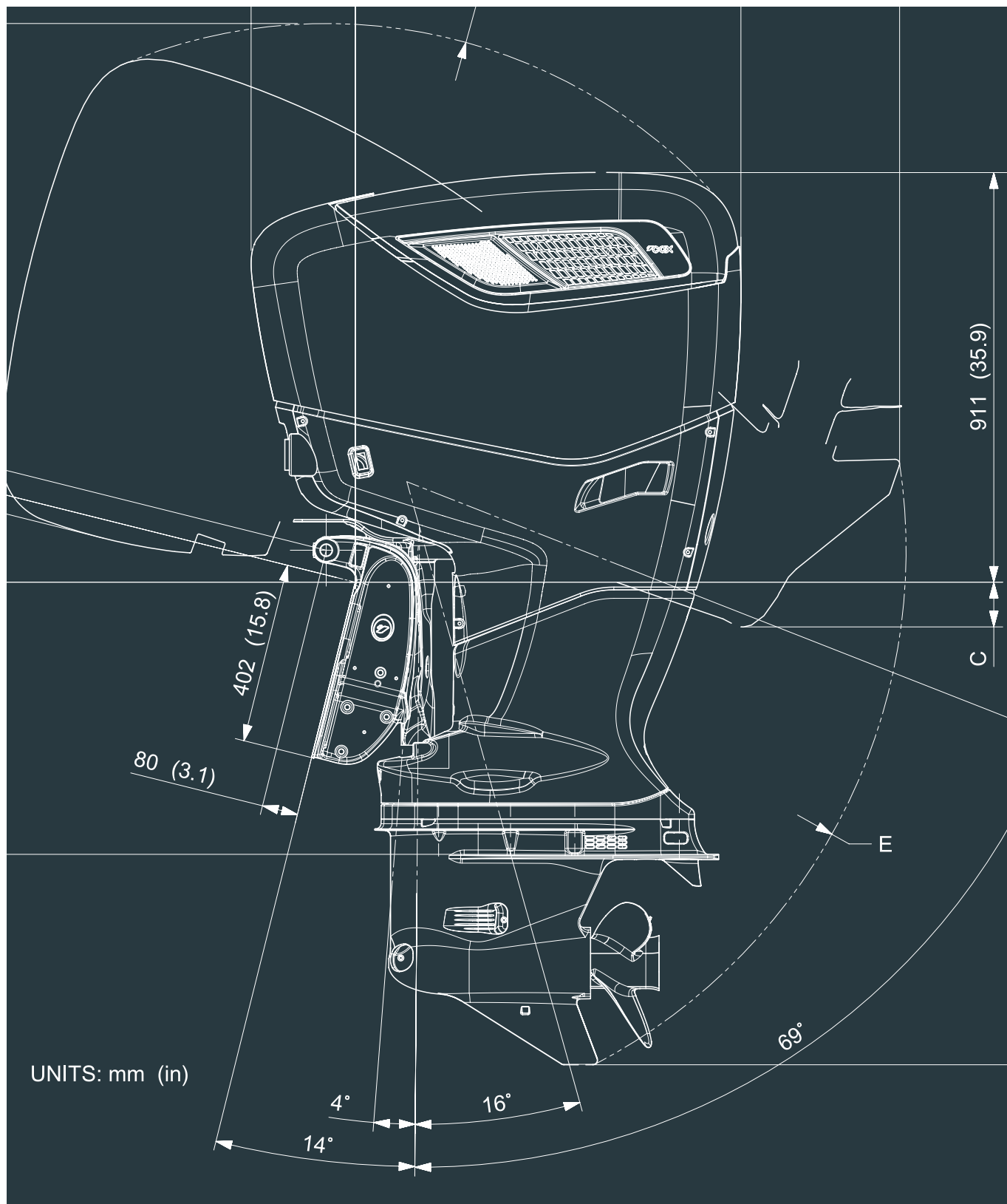


CXO300

Technical Specification



UNITS: mm (in)

	TYPE	CXO300	DIESEL OUTBOARD ENGINE
	YEAR	2018	

CXO300

coxmarine.com

CXO300
 Technical data

Engine designation	CXO300
Crankshaft power, kW (hp)	252 (338)
Propeller shaft power, kW (hp)	224 (300)
Engine propping speed, rpm	3700-4000
Displacement, L (cu.in.)	4.4 (266)
Number of cylinders	8
Bore/stroke, mm (in.)	84 (3.3) / 98.5 (3.9)
Compression ratio	16
Ratio 1 (Propeller speed)	1.23:1 (3259)
Ratio 2 (Propeller speed)	1.46:1 (2739)
Peak torque, Nm (ft.lb)	650 (479)
Aspiration	Twin-turbo
Shaft Length, inch(mm)	25"(635)/30"(762)/35"(889)
Emission compliance	EPA 3, IMO 2, RCD 2
Start assist	Glow plugs
Rating	Light-duty commercial
Trim range	-4° to +16°
Tilt range	71°
Engine Oil Spec	API CI-4 / SAE 5W40
Gear Oil Spec	API GL-5 / SAE 75W140
Propeller spline spec	1.25" shaft / 19 tooth
Colour options	Black / White

CXO300
Technical description**Engine block and head**

- Aluminium alloy block and heads
- 60 degree V8

Engine mounting

- Standard outboard fitting layout
- 6-bolt mounting with multi-hole adjustment

Fuel system

- High pressure common rail fuel injection
- On-engine fuel filtration

Air inlet and exhaust system

- Exhaust gas recirculation system
- Twin turbochargers
- Air filters with replaceable inserts
- Closed crankcase ventilation

Transmission

- All outboards offer standard and counter rotating capability, programmable through the ECU

Cooling system

- Thermostatically regulated raw water cooling
- Tubular heat exchanger

Electric system

- 12V/24V two-pole electrical system
- 80A marine alternator

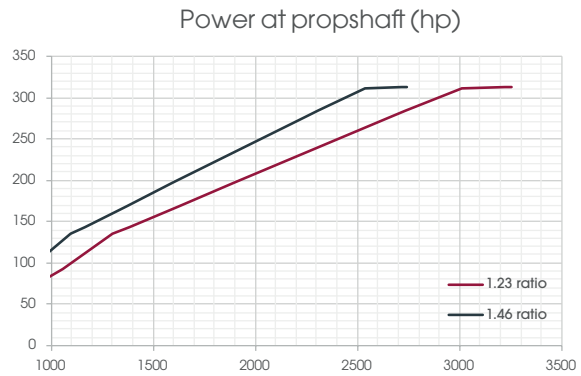
Propeller

- Maximum propeller diameter 16in
- 19† 1.25 propeller spline

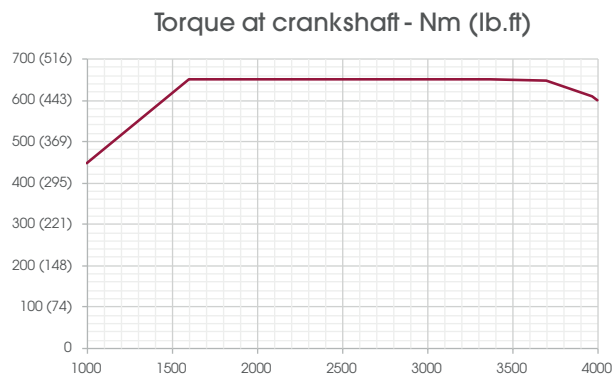
CXO300
Instruments and controls**Instruments/control**

- Seastar electronic controls
- Seastar joystick to manage up to 6 engines
- CoastKey keyless fob / wireless MOB technology
- CAN J1939 Controls and Displays
- Compatible with NMEA 2000
- Murphy Powerview displays – 4.8"/7"/11"/12"
- Compatible with off the shelf Seastar steering units

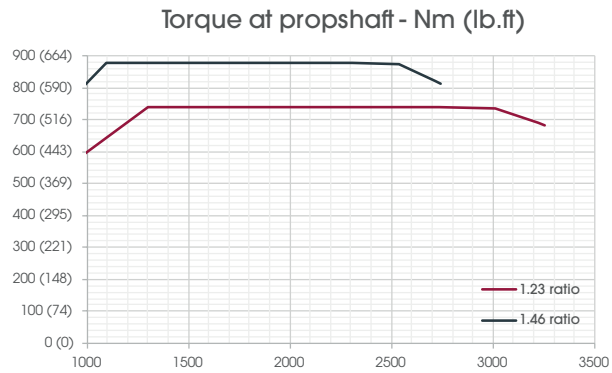
CXO300
 Power at Propshaft (hp)



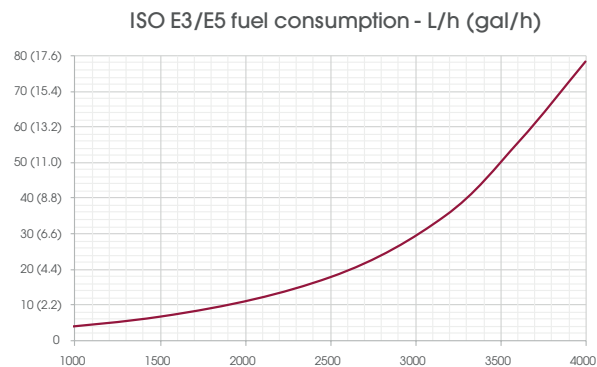
CXO300
 Torque at Crankshaft
 Nm (lb.ft)



CXO300
 Torque at Propshaft
 Nm (lb.ft)



CXO300
 ISO E3/E5 fuel
 consumption (L/h)
 Fuel curve under
 ISO 8178 E3/E5 conditions



CXO300
 Technical drawing

25" leg length
 Dimensions – mm (in)

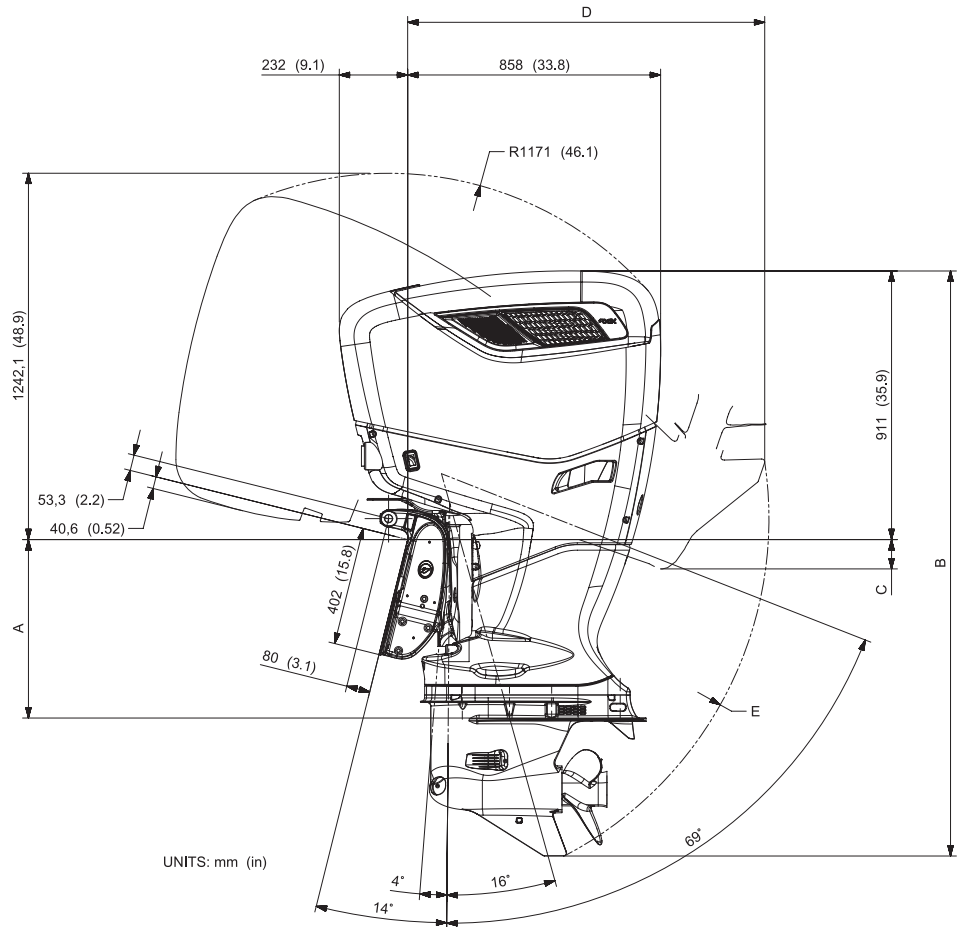
- A 634 (25)
- B 1984 (78.1)
- C 151 (5.9)
- D 1201 (47.3)
- E 1297 (51)

30" leg length
 Dimensions – mm (in)

- A 761 (30)
- B 2111 (83.1)
- C 177 (7)
- D 1326 (52.2)
- E 1424 (56)

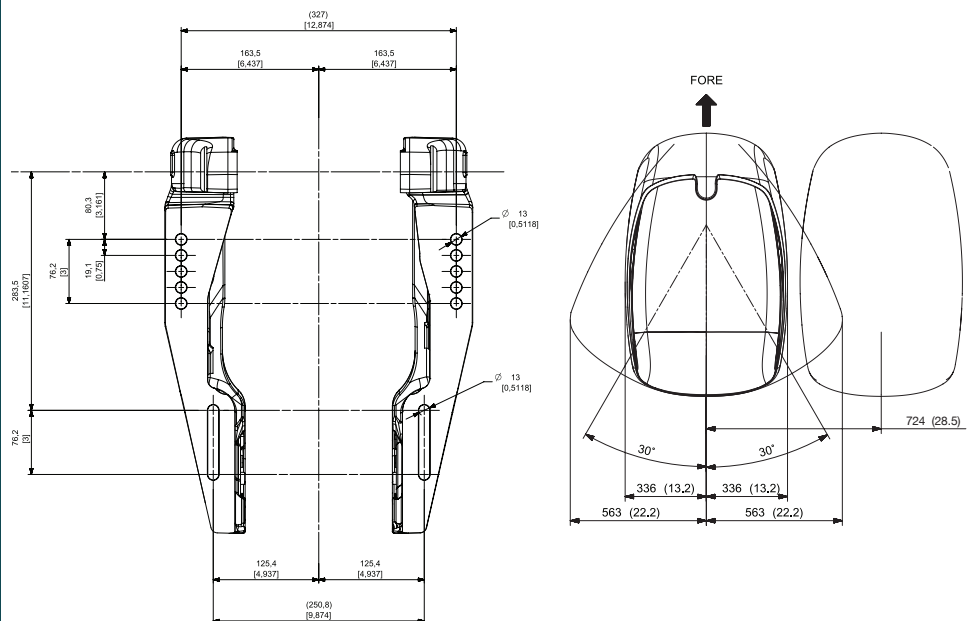
35" leg length
 Dimensions – mm (in)

- A 888 (35)
- B 2238 (88.1)
- C 204 (8)
- D 1450 (57.1)
- E 1551 (61)



CXO300
 Plan view /
 Transom interface

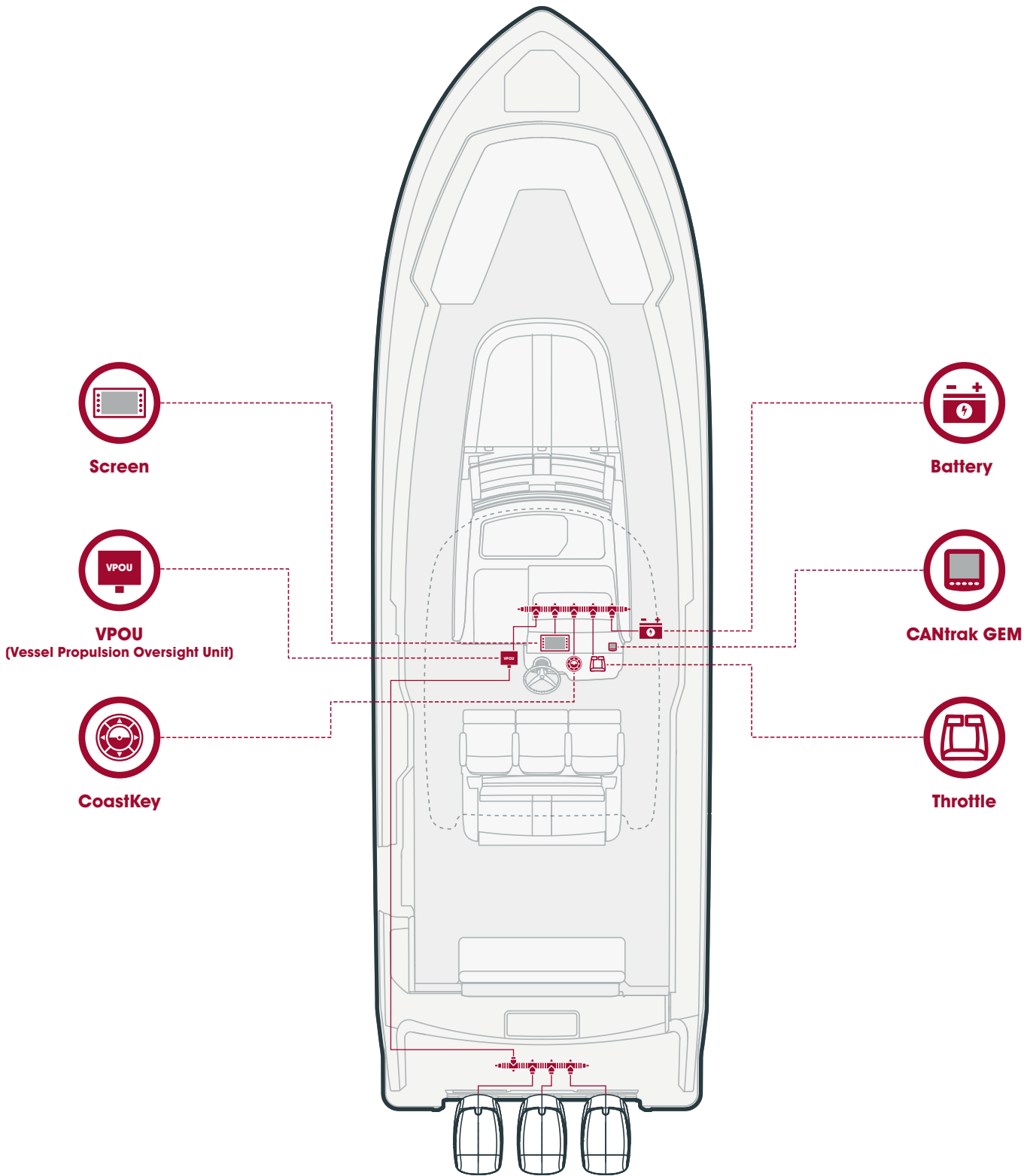
Dimensions - mm (in)





● Black finish





More information

Please contact your nearest Cox Powertrain distributor for more details about Cox diesel outboard engines.

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