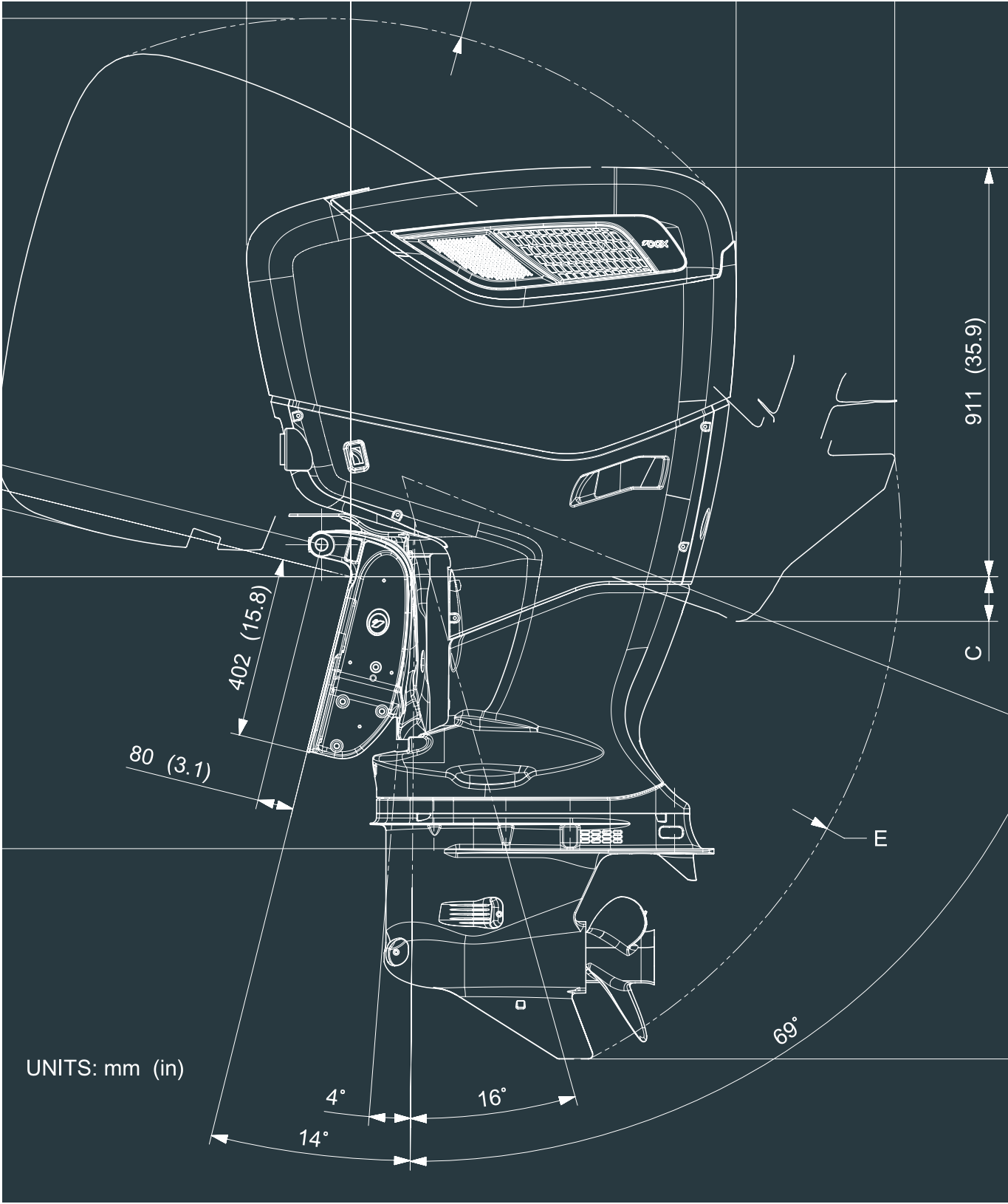


CXO300

Technical Specification



COX	TYPE	CXO300	DIESEL OUTBOARD ENGINE
	YEAR	2019	

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 (lb.ft)	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 (optional)
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

- 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

Oil System

- Oil cooler optional

Electric system

- 12V/24V two-pole electrical system
- 100A marine alternator
- Idle speed output 40A
- Max speed output 100A

Propeller

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

CXO300

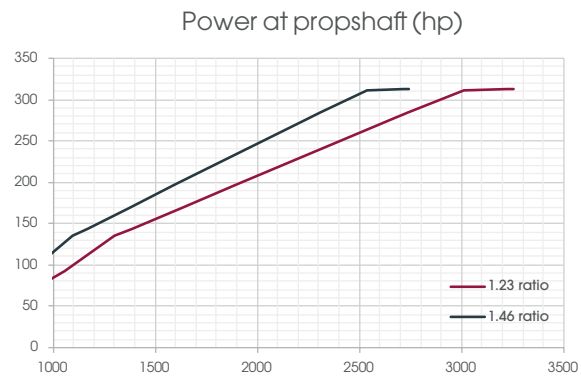
Instruments and controls

Instruments/control

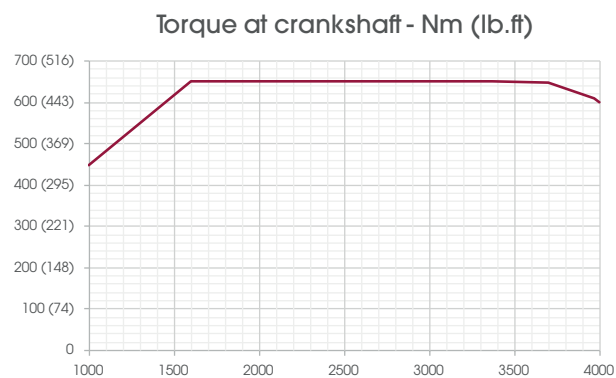
- Seastar electronic throttle
- Seastar joystick
- CoastKey keyless fob / wireless MOB technology
- CAN J1939 Controls and Displays
- Compatible with NMEA 2000
- Murphy Powerview displays – 4.8"/7"/11"/12"
- Compatible with all Seastar EPS steering

CXO300

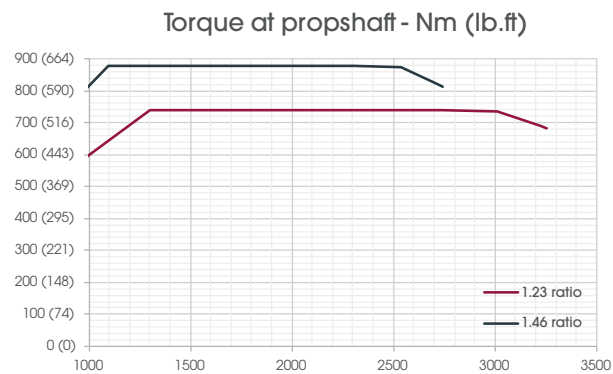
Power at Propshaft (hp)


CXO300

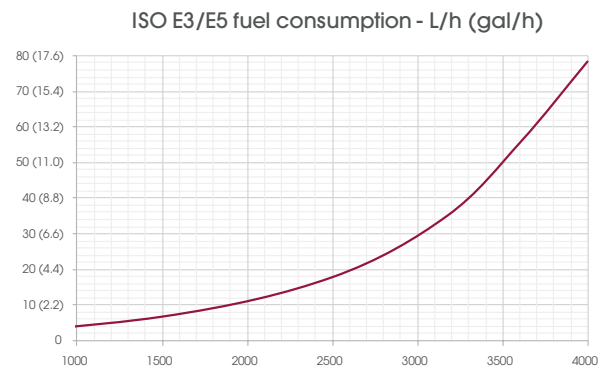
Torque at Crankshaft
Nm (lb.ft)


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

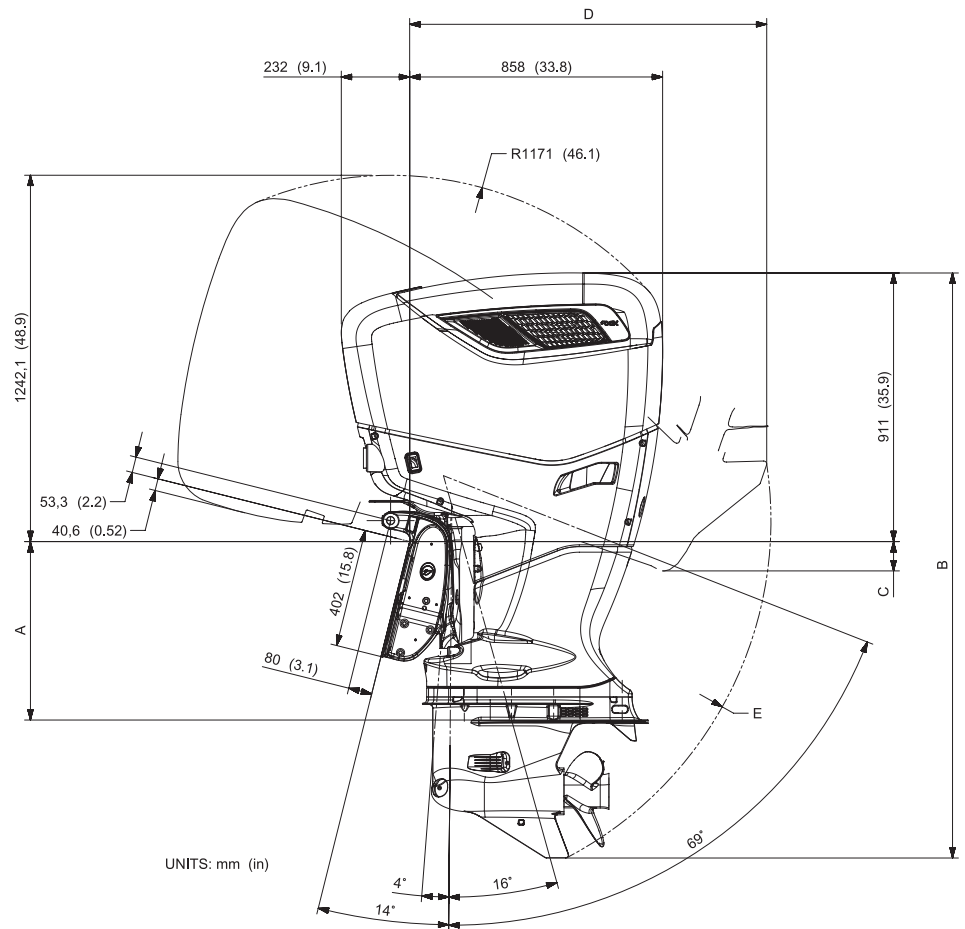
Dimensions - mm (in)

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

35" leg length

Dimensions - mm (in)

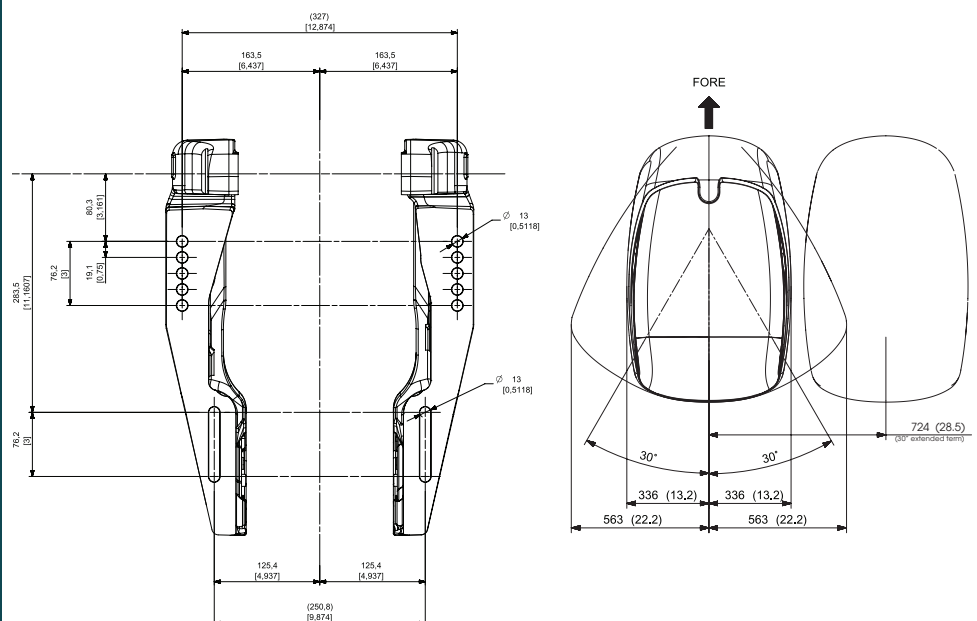
A	888 (35)
B	2238 (88.1)
C	204 (8)
D	1450 (57.1)
E	1551 (61)



UNITS: mm (in)

CXO300
**Plan view /
Transom interface**

Dimensions - mm (in)

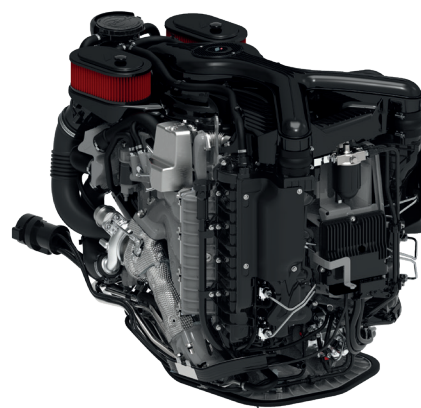


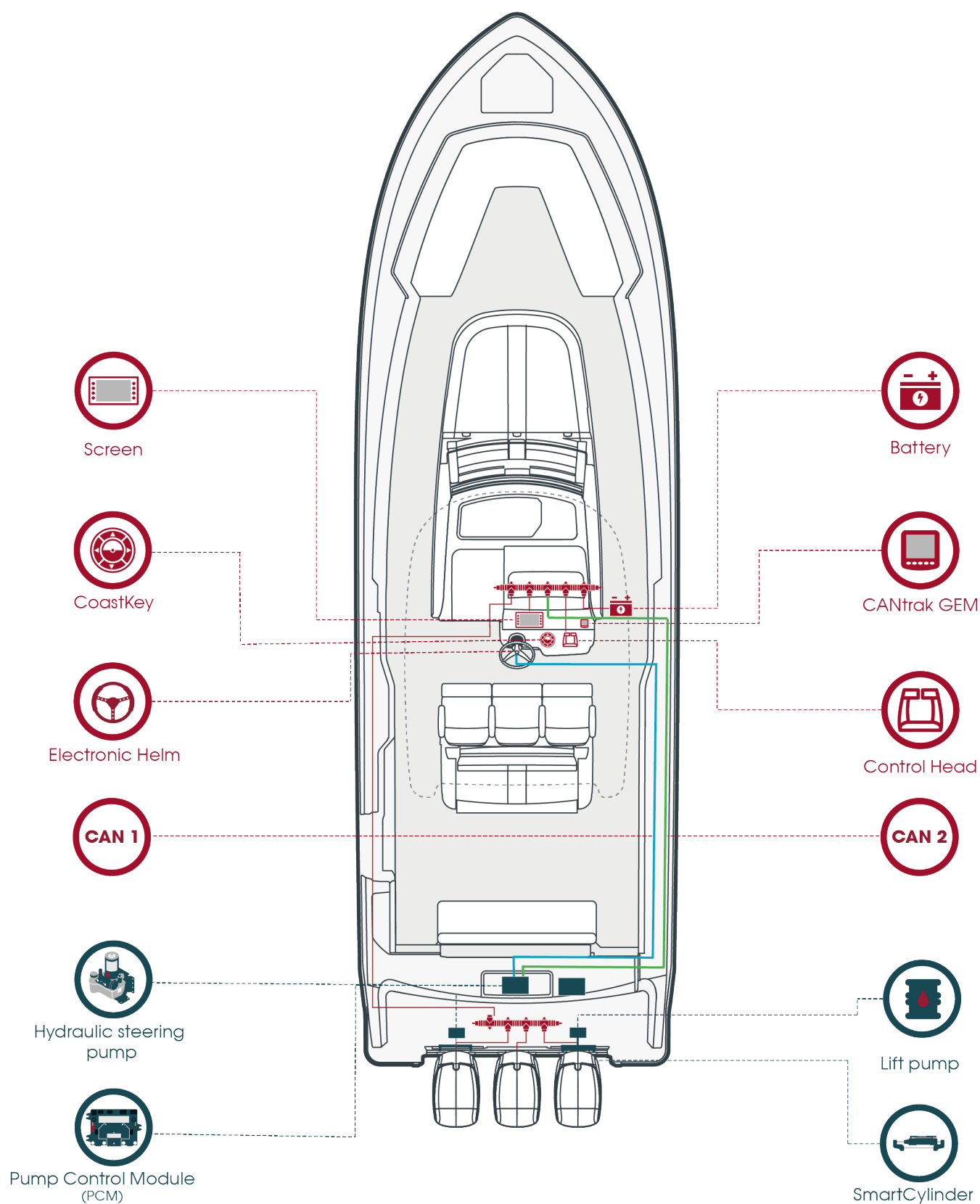


○ White finish



● Black finish





More information

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

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