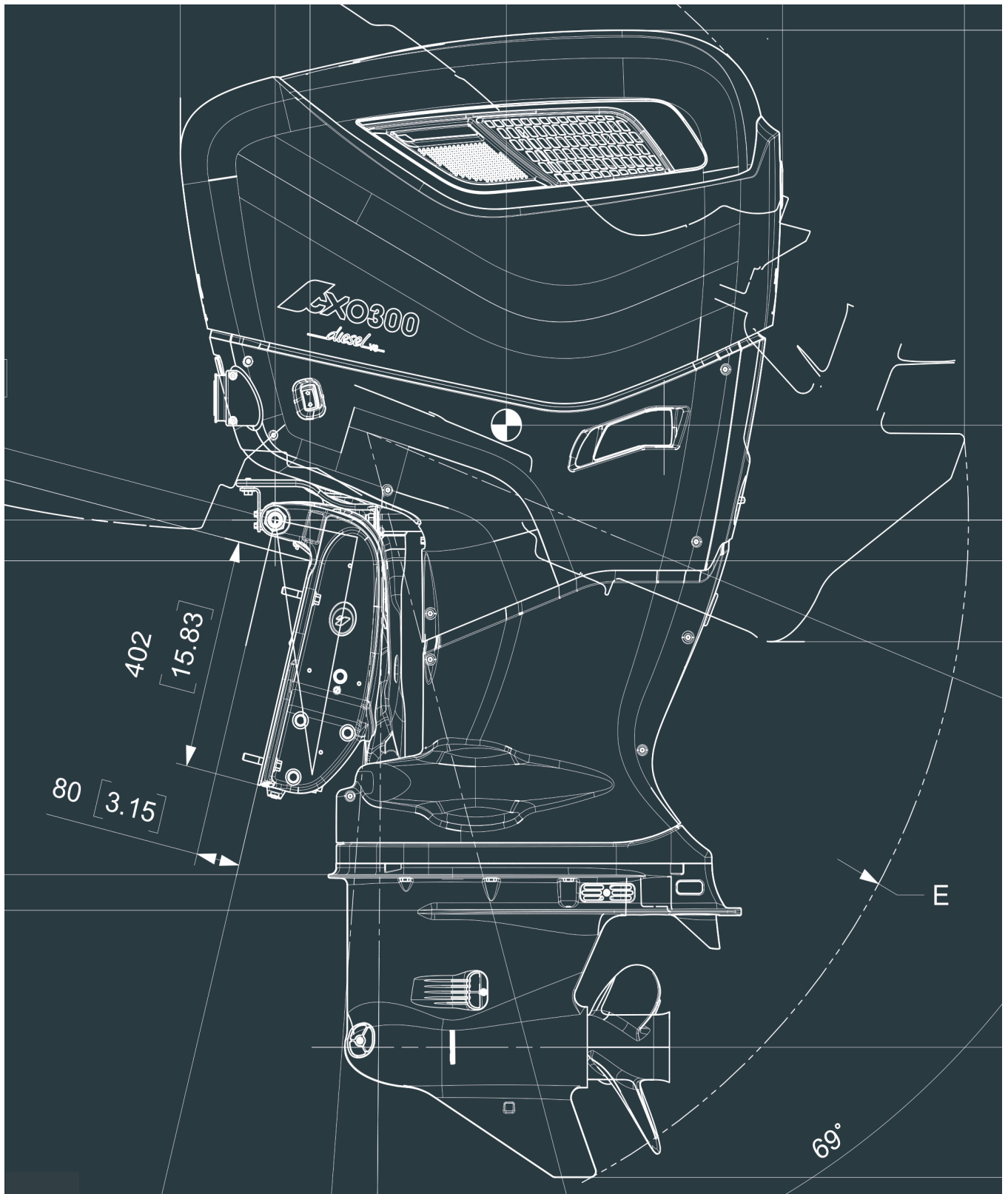



# CXO300

## Technical Specification



	TYPE	CXO300	DIESEL OUTBOARD ENGINE
	YEAR	2021	

**CXO300**

[coxmarine.com](http://coxmarine.com)



**CXO300**  
 Technical data

Engine designation	CX0300
Propeller shaft power, kW (hp)	224 (300)
Engine propping speed, rpm	3700-4000
Displacement, L (cu.in.)	4.4 (266)
Weight, kg (lb)	393 (866)
Number of cylinders	8
Bore/stroke, mm (in.)	84 (3.3) / 98.5 (3.9)
Compression ratio	16:1
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 II, RCD II
Start assist	Glow plugs
Rating	Light-duty commercial
Trim range	-4° to +16°
Tilt range	71°
Gear oil spec	API GL-5, 80W-90, For colder climates we recommend using API GL-5, 75W-90
Powerhead oil spec	Min standard - fully synthetic API CI-4/ SAE 10W40 or 5W40
Propeller spline spec	1.25" shaft / 19 tooth
Colour options	Black / White

**CXO300**

## Technical description

**Powerhead**

- 60 degree V8
- Aluminium alloy block, heads and ladder frame
- Quad camshafts, four valves per cylinder

**Outboard mounting**

- Standard outboard fitting layout
- 6-bolt mounting with multi-hole adjustment
- 30" transom spacing (28.5" with steering limits)

**Fuel system**

- Electronically controlled high pressure common rail fuel injection
- On-engine fuel filtration and cooling

**Air inlet and exhaust system**

- Twin turbochargers with electronic boost control
- Water-to-air charge cooling
- Air filters with replaceable inserts

**Transmission**

- 90-degree spiral bevel gear drive
- All outboards offer standard and counter rotating capability, programmable through the ECU

**Cooling system**

- Thermostatically regulated raw water cooling
- Solid impeller low-maintenance water pump

**Oil System**

- Closed crankcase ventilation

**Electrical system**

- Drive-by-wire power and shift control
- 12V system voltage
- 100A flywheel-integrated marine alternator
- Automatic integrated fuses

**Propeller**

- Maximum propeller diameter 16in
- 19 tooth 1.25" propeller spline

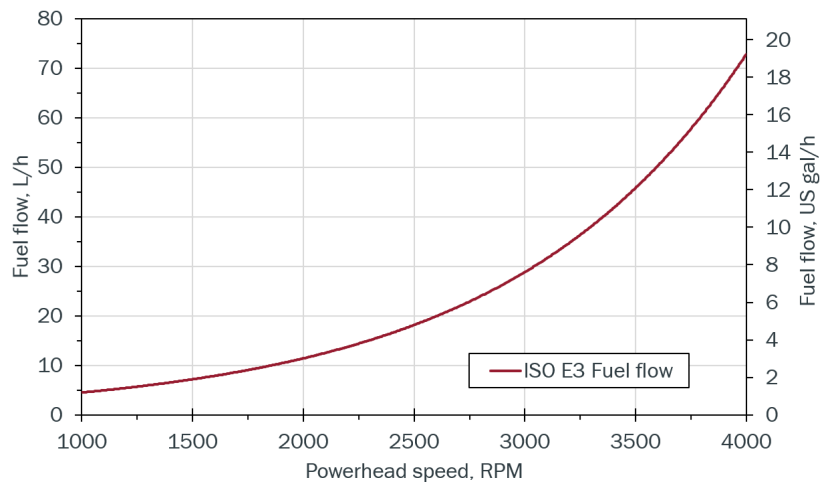
**CXO300**

## Instruments and controls

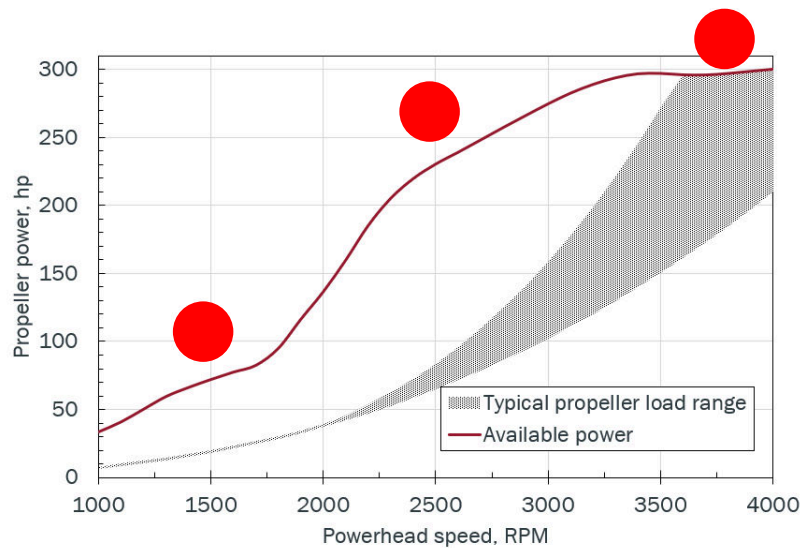
**Instruments/Controls**

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

**CXO300**  
 Fuel Flow



**CXO300**  
 Power at Propeller (hp)



- Restricted torque at very low RPM avoids overpowering the propeller
- Substantial mid-range torque provides powerful and responsive acceleration and cruise performance
- Broad power peak provides the full 300 hp across a wide range of vessel loadings

**CXO300**  
 Technical drawing

**25" leg length**  
 Dimensions - mm (in)

- A 609 (24)
- B 1997 (78.6)
- C 141 (5.6)
- D 1214 (47.8)
- E R1286 (50.7)
- F 918 (36.1)
- G 853 (33.58)

**30" leg length**  
 Dimensions - mm (in)

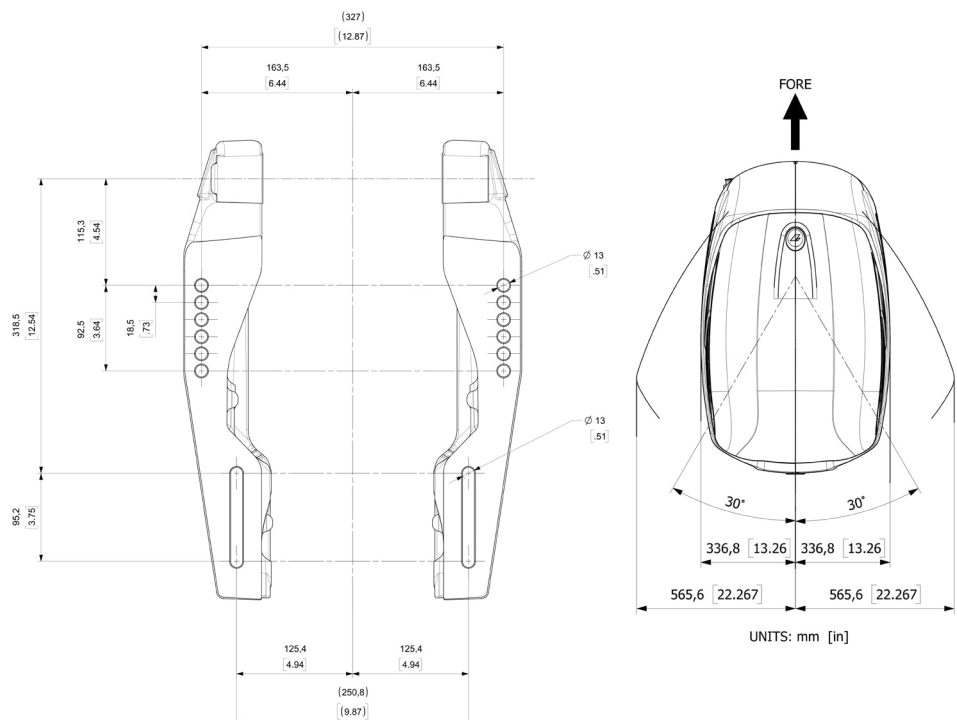
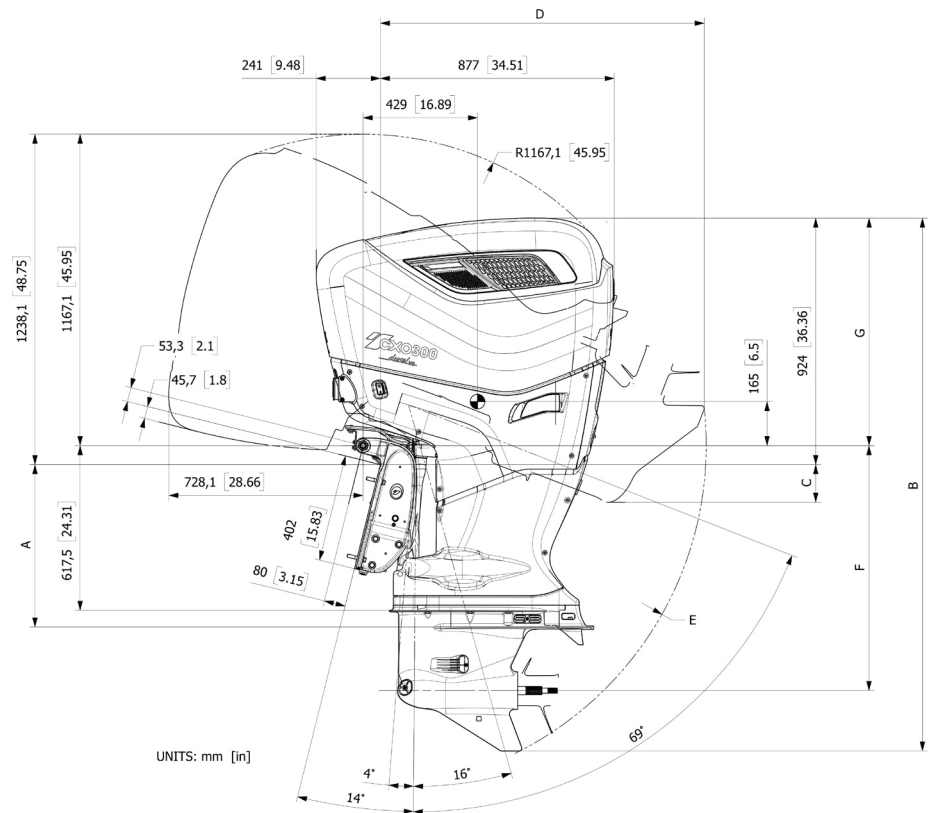
- A 732 (29)
- B 2124 (83.6)
- C 268 (10.5)
- D 1314 (52.8)
- E R1413 (55.6)
- F 1045 (41.1)
- G 853 (33.58)

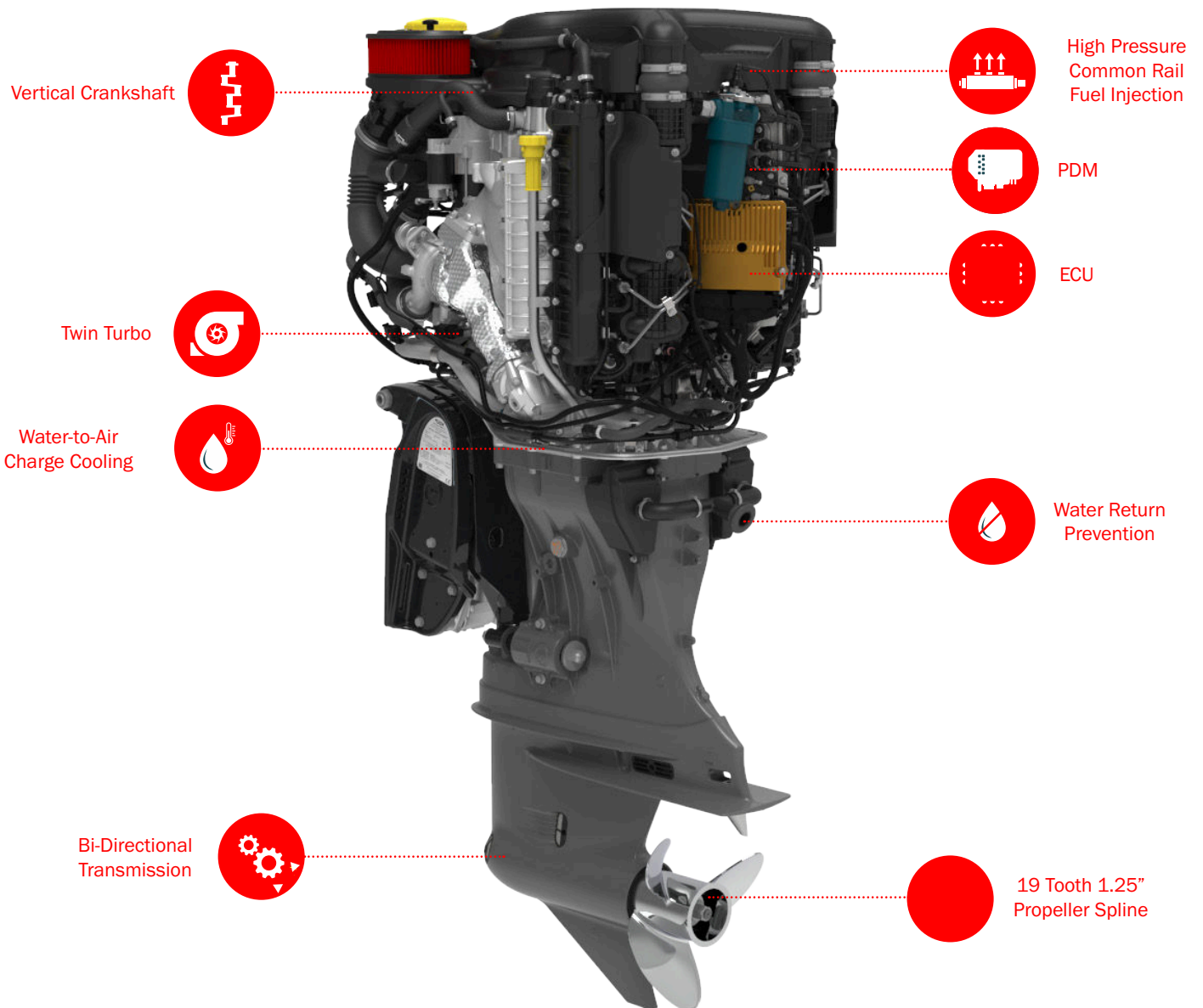
**35" leg length**  
 Dimensions - mm (in)

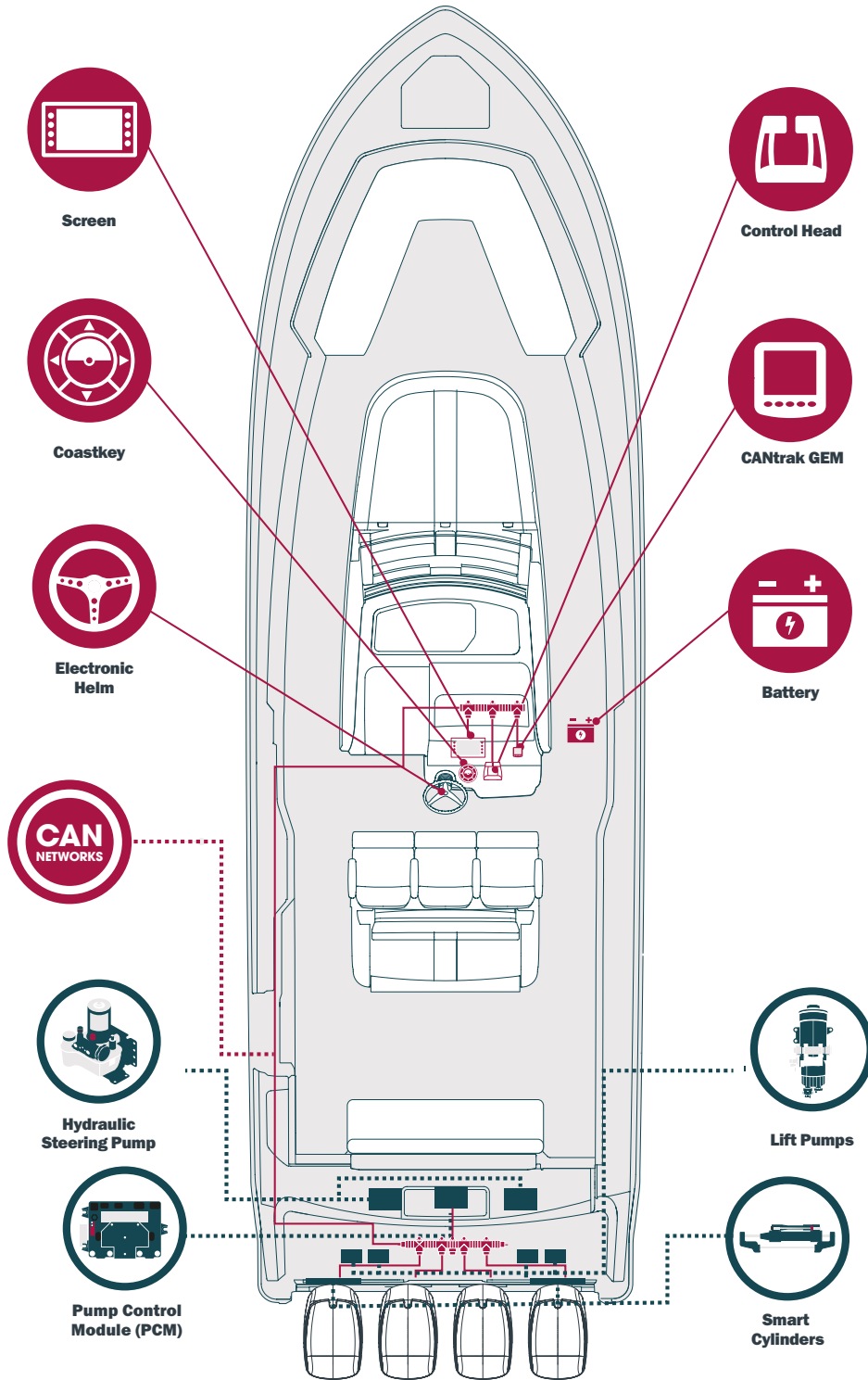
- A 863 (34)
- B 2251 (88.6)
- C 395 (15.6)
- D 1468 (57.8)
- E R1540 (60.7)
- F 1172 (46.1)
- G 853 (33.58)

**CXO300**  
 Transom interface /  
 Plan view

Dimensions - mm (in)









**Power Equipment Pty Ltd**

10-12 Commercial Dve  
Lynbrook, Victoria  
Australia 3975

**Contact Us**

1800 069 469  
info@powerequipment.com.au  
www.powerequipment.com.au

