

Marine Propulsion Unit – 48 horsepower

The Engine

Isuzu Model	4LE1	OD – Exhaust elbow outlet	48mm
Aspiration	Natural	OD – Raw water inlet	3/4"
Cylinders	Four	OD – Fuel Inlet	8mm
Bore x Stroke (mm)	85 x 96	OD – Fuel Return	5mm
Displacement (cc)	2179	Alternator – 12 volt 94 amp	
Maximum Engine Output	kW (hp)	35.9 (48.1) @ 2600rpm	
Maximum Torque		144 Nm @ 1800rpm	
Engine Rotation		Counterclockwise, viewed from flywheel	
Approx. Fuel Consumption @ 1500rpm:	75% Load	4.25 litres/hour	

(note that fuel consumption will vary substantially with load and rpm)

The Transmission

ZF Model ZF15M

Single speed , vertical offset, direct mount

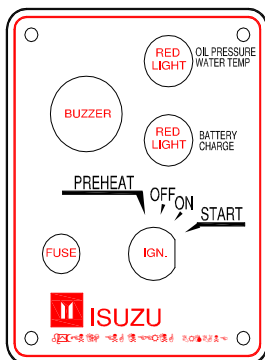
Maximum rated input 54kW (73hp) at 3600rpm. Pleasure duty.

Reverse reduction marine transmission, with mechanically actuated multi disc clutches.

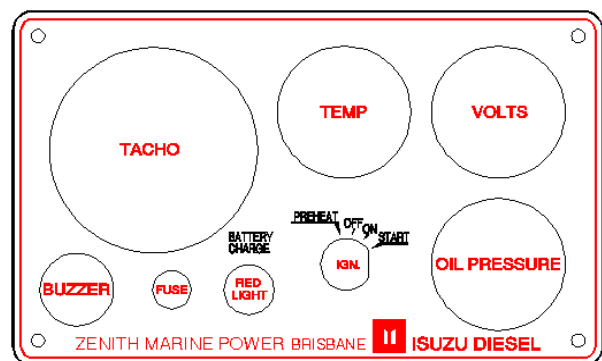
Ratio 1.875

The Options

- Plug-in extension wiring harness (from 1 meter)
- Engine Mounts
- Coupling for output flange
- Full instrument panel



Standard start/stop control panel with warning lamps



Full instrument start/stop control panel incorporates tachometer, plus gauges for temperature, oil pressure, and volts