

***For Your Convenience: This Yanmar
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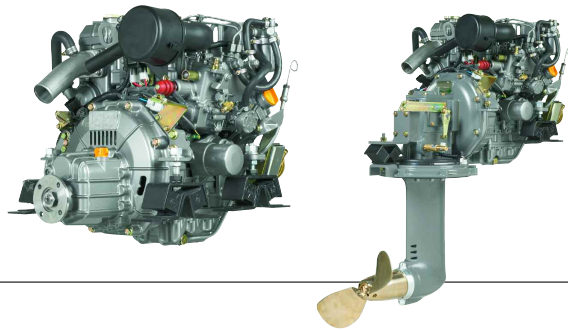


YOUR ONE STOP SUPERSTORE FOR DIESEL ENGINE PARTS

SHOP NOW

Yanmar type 2YM15

The Powerful Gem



| | |
|---|--|
| Configuration | 4-stroke, vertical, water cooled diesel engine |
| Maximum output at crankshaft | * 10.3 kW (14 hp) / 3600 rpm ** 10.0 kW (13.6 hp) / 3600 rpm |
| Continuous rating output at crankshaft | 9.4 kw (12.8 hp) / 3489 rpm |
| Displacement | 0.570 L (34.7 cu in) |
| Bore x stroke | 70 mm x 74 mm (2.75 in x 2.91 in) |
| Cylinders | 2 |
| Combustion system | Indirect injection |
| Aspiration | Natural aspiration |
| Starting system | Electric starting 12 V - 1.4 kW |
| Alternator | 12 V - 60 A (80 A optional) |
| Cooling system | Fresh water cooling with heat exchanger |
| Lubrication system | Enclosed, forced lubricating system |
| Direction of rotation (crankshaft) | Counter clockwise viewed from stern |
| Dry weight without gear | 103 kg (227 lbs) |
| Environmental | BSO II, SAV, EPA II compliant and will meet the 2003/44/EC emission requirements |
| Engine mounting | Rubber type flexible mounting |

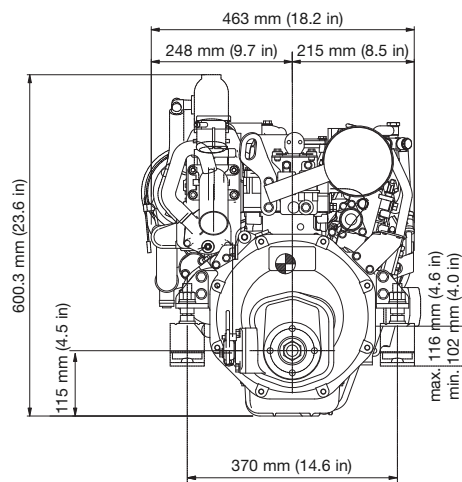
NOTE: Fuel condition: Density at 15°C = 0.842 g/cm³; 1 hp = 0.7355 kW

* Fuel temperature 25°C at the inlet of the fuel injection pump (ISO 3046-1)

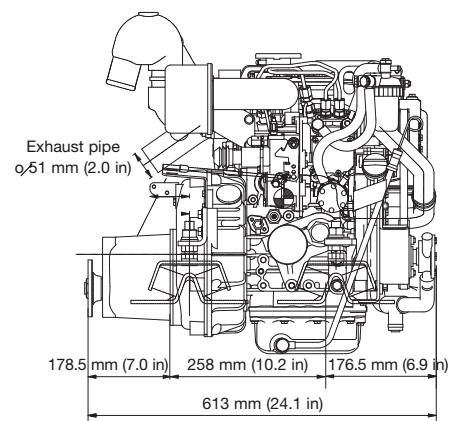
** Fuel temperature 40°C at the inlet of the fuel injection pump (ISO 8665)

Dimensions (For detailed line-drawings, please refer to our web-site: www.yanmarmarine.com)

Front view

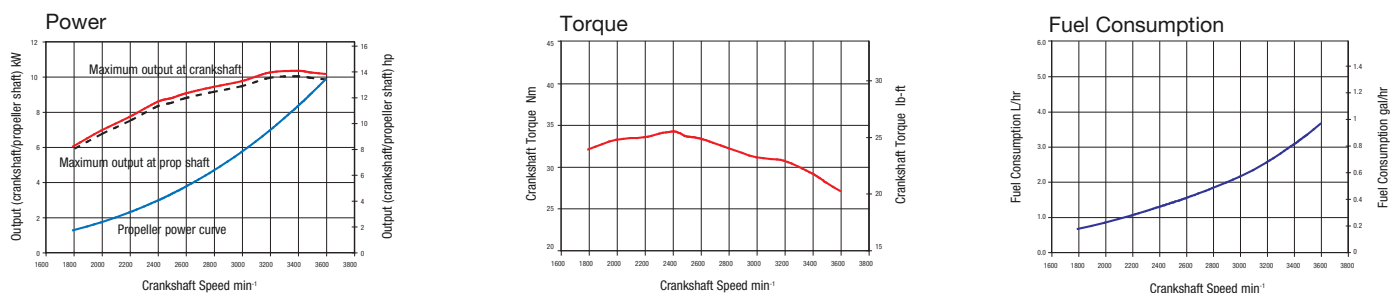


Right side view



2YM15 w/ KM2P-1 marine gear

Performance Curves (Output is according ISO 8665 - Output includes +/- 3% tolerance)

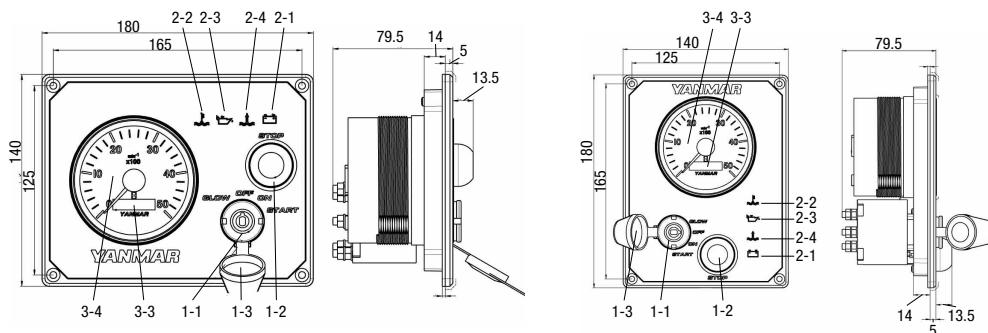


Marine Gears/Drive

| Model | KM2P-1 | | | Saildrive (SD20) |
|---|---|-----------|-----------|-------------------------------------|
| Type | Constant mesh gear with servo-cone clutch | | | Constant mesh gear with dog clutch |
| Dry weight | 10 kg (22 lbs) | | | 30 kg (66 lbs) |
| Reduction ratio (fwd/asn) | 2.21/3.06 | 2.62/3.06 | 3.22/3.06 | 2.64/2.64 |
| Propeller speed (fwd/asn) | 1580/1140 | 1332/1140 | 1083/1140 | 1321/1321 |
| Direction of rotation (propeller shaft - fwd) | Clockwise viewed from stern | | | Counter clockwise viewed from stern |
| Dry weight engine and gear/drive | 113 kg (249 lbs) | | | 134 kg (295 lbs) |
| Length engine and gear/drive | 613 mm (24 in) | | | 793 mm (31 in) |

Instrument Panels

Digital B-type Panel



| Function | Type of instrument panel |
|--|--------------------------|
| | Digital B-type Panel |
| ① Switch unit | |
| 1-1 Key switch for GLOW/OFF/ON/START (4-position switch) | O |
| 1-2 Push button switch for engine stop | O |
| 1-3 Moisture cap for key switch | O |
| ② Alarm lamp unit | |
| 2-1 Battery low charge alarm | O |
| 2-2 Coolant high temperature alarm | O |
| 2-3 Lubricating oil low pressure | O |
| 2-4 Water in sail drive seal alarm | O |
| 2-5 Water in fuel filter alarm | X |
| 2-6 Sea water insufficient flow alarm | X |
| ③ Meters | |
| 3-1 Lubricating oil pressure meter | X |
| 3-2 Coolant temperature meter | X |
| 3-3 Hour meter | O |
| 3-4 Tachometer | O |
| ④ Audible alarm buzzer | O |

Note: O = Equipped on panel X = Not equipped on panel

Accessories

Standard Package

- Set of flexible mounting
- Exhaust/water mixing elbow (L-type)
- V-belt safety
- Expansion tank for fresh water cooling system
- Alternator 12 V - 60 A
- Electric stop solenoid

Optional

- Additional Digital B-type instrument panel
- Primary 80 A alternator or second 60/80 A alternator
- Alternator bracket and cover for second alternator
- Exhaust/water mixing elbow, U-type (high riser)
- Various extension wire harnesses
- Various couplings (straights, tapers, slits)

Texts and illustrations are not binding. Yanmar Marine reserves the right to introduce adaptations without prior notification.