

# Yanmar type 6BY260Z

## The Powerful Gem



<b>Configuration</b>	In line, 4-stroke cycle, water cooled diesel engine
<b>Maximum output at crankshaft *</b>	191 kW ( 260 mhp) / 4000 rpm
<b>Continuous rating output at crankshaft</b>	147 kW (198 mhp) 3600 rpm
<b>Displacement</b>	2.993 L (183 cu in)
<b>Bore x stroke</b>	84 mm x 90 mm (3.31 in x 3.54 in)
<b>Cylinders</b>	6, Common Rail with vertical injectors
<b>Combustion system</b>	Direct injection
<b>Aspiration</b>	Wastegated, turbocharged with intercooler
<b>Starting system</b>	Electric starting 12 V - 2 kW
<b>Alternator</b>	12 V - 150 A
<b>Cooling system</b>	Fresh water cooling with heat exchanger, and sea water cooled charge air cooler
<b>Lubrication system</b>	Totally enclosed, forced lubricating system with pump
<b>Can Bus</b>	Device net according to NMEA 2000 protocol
<b>Direction of rotation (crankshaft)</b>	Counter clockwise viewed from stern
<b>Dry weight without gear</b>	310 kg (683 lbs)
<b>Environmental</b>	EPA Tier 2, RCD, SAV, BSO. Meets the EU comprehensive emissions regulation 2006
<b>Engine mounting</b>	Rubber type antivibration mounting

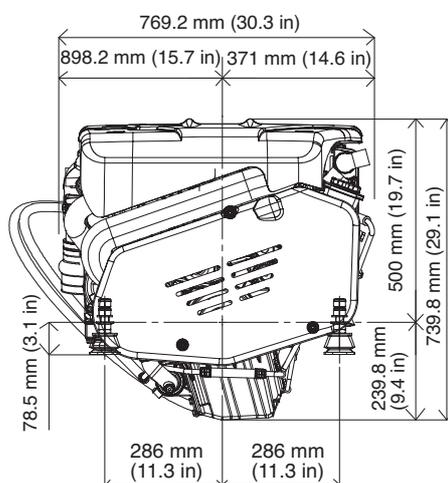
NOTE: Fuel condition: Density at 15°C = 0.84 g/cm<sup>3</sup>; 1kW = 1.3596 mhp = 1.3410 HP

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

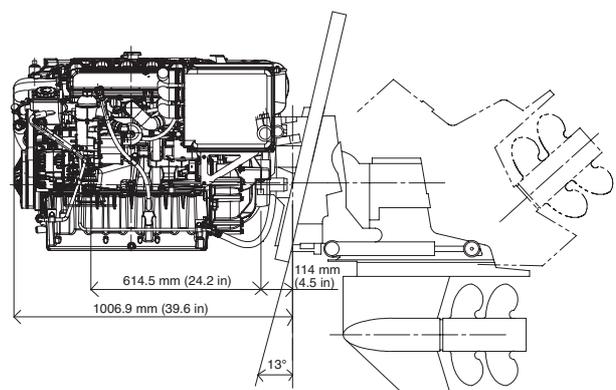
Technical data is according to ISO 8665 / 3046

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

### Front view

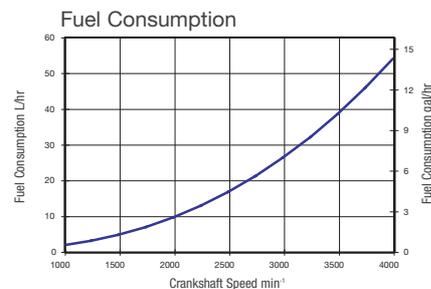
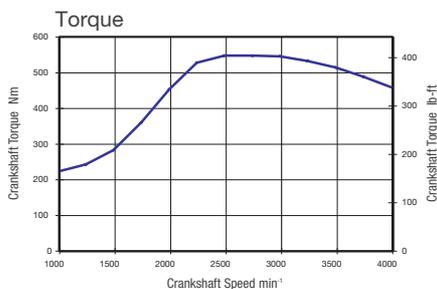
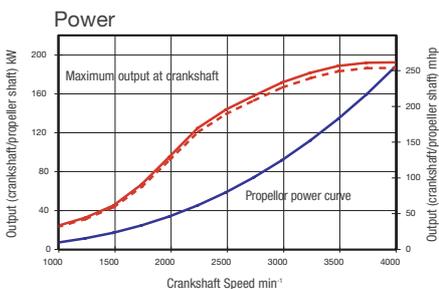


### Right side view



6BY260Z w/ BravoX-3 Sterndrive

## Performance Curves (Output is according ISO 8665)



## Yanmar & Mercruiser sterndrive set Engine

Model	"Mercruiser" Bravo Sterndrive series				
Type	Bravo X-3				
Dry weight	98 kg (216 lbs)				
Reduction ratio (fwd/asn)	1,36/1,36	1,50/1,50	1,65/1,65	1,81/1,81	2,00/2,00
Propeller speed (fwd/asn)	2647/2647	2400/2400	2181/2181	1989/1989	1800/1800
Direction of rotation (propeller shaft - fwd)	Clockwise & counter clockwise viewed from stern				
Dry weight engine and gear	408 kg (899 lbs)				
Length engine and gear	1031 mm (41 in)				

1, Inner and outer transom surface must be parallel within 3mm in area covered by transom plates and remain within transom thickness limits.

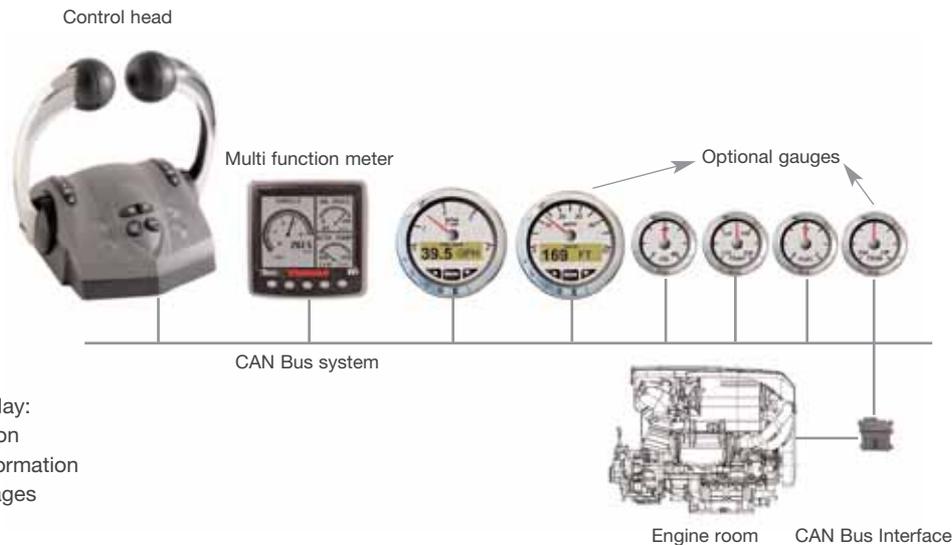
2, Area covered by gimbal housing assembly must be flat to within 1.6mm.

3, Area covered by inner transom plate must be flat to within 3.2mm

4, Transom angle: 13° to 16°

5, Also available with: BravoX-1 and BravoX-2. Contact your local supplier for available configurations

## Instrument Panels



Optional LCD panel display:

- engine information
- maintenance information
- diagnosis messages

## Accessories

### Standard Package

- Set of flexible mounts
- Alternator 12 V - 150 A single pole (24V is not available)
- Engine top and belt cover
- Power steering pump

- Exhaust mixing elbow (L-type)
- Single side mount control head (throttle position sensor included)
- CAN tachometer with digital display

### Optional

- High riser mixing elbow
- Exhaust side dipstick
- ECU boat mount kit
- Glow plug controller and related parts

- Dual top mount Teleflex control head (throttle position sensor included)
- Teleflex CAN single and double top mount control heads
- Teleflex interface module for analogue sensors (engine oil pressure, fuel tank level, etc)
- Various gauges

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