

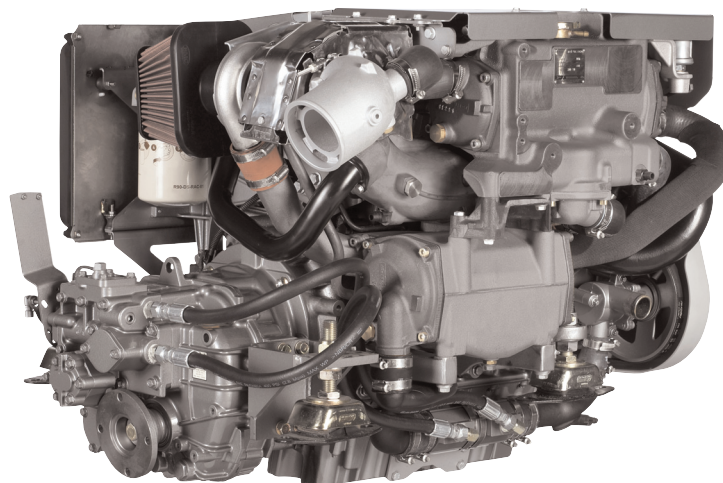
| | |
|---|---|
| Configuration | In line, 4-stroke cycle, water cooled diesel engine |
| Maximum output at crankshaft * | 191 kW (260 mhp) / 4000 rpm |
| Continuous rating output at crankshaft | 147 kW (198 mhp) 3600 rpm |
| Displacement | 2.993 L (183 cu in) |
| Bore x stroke | 84 mm x 90 mm (3.31 in x 3.54 in) |
| Cylinders | 6, Common Rail with vertical injectors |
| Combustion system | Direct injection |
| Aspiration | Wastegated, turbocharged with intercooler |
| Starting system | Electric starting 12 V - 2 kW |
| Alternator | 12 V - 150 A |
| Cooling system | Fresh water cooling with heat exchanger, and sea water cooled charge air cooler |
| Lubrication system | Totally enclosed, forced lubricating system with pump |
| Can Bus | According to NMEA 2000 protocol |
| Direction of rotation (crankshaft) | Counter clockwise viewed from flywheel side |
| Dry weight without gear | 315 kg (694 lbs) |
| Environmental | EU RCD, US EPA Tier2, BSO II & EMC |
| Engine mounting | Rubber type antivibration mounts |

NOTE: Fuel condition: Density at 15°C = 0.84 g/cm³; 1kW = 1.3596 mhp = 1.3410 HP

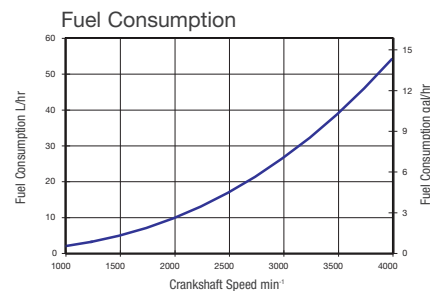
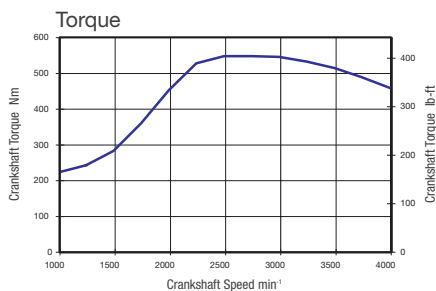
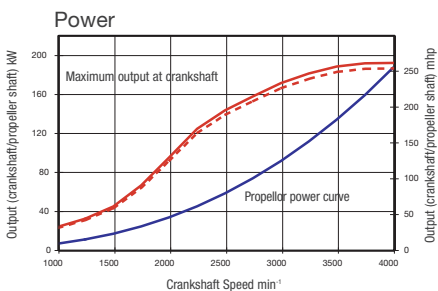
* Fuel temperature 40°C at the inlet of the fuel injection pump (ISO 8665)

Technical data is according to ISO 8665 / 3046

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



Performance Curves (Output is according ISO 8665)

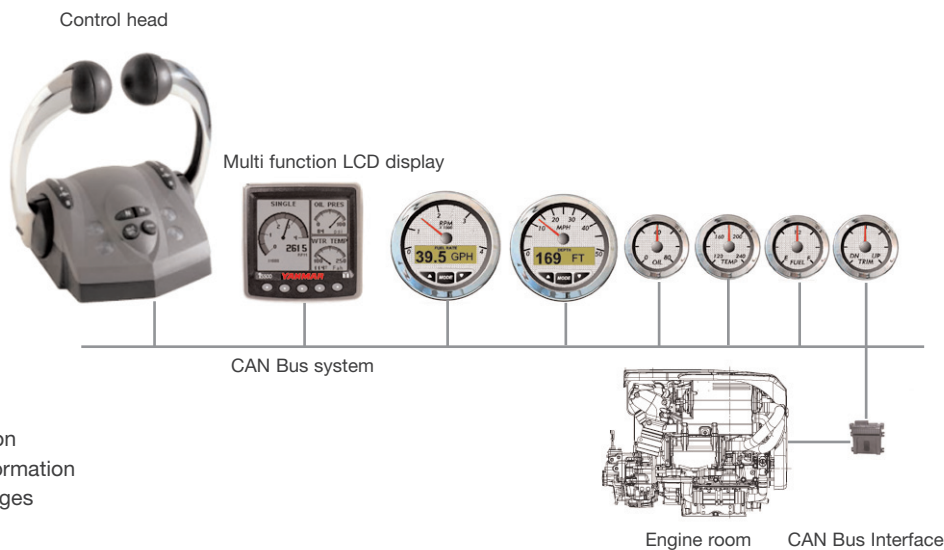


Marine gear (examples) **

| | | | |
|---|---|-----------|-----------|
| Model | KMH50A | | |
| Type | 8° down hydraulic | | |
| Dry weight | 43 kg (95 lbs) | | |
| Reduction ratio (fwd/asn) | 1.67/1.67 | 2.13/2.13 | 2.43/2.43 |
| Propeller speed (fwd/asn) | 2395/2395 | 1878/1878 | 1646/1646 |
| Direction of rotation (propeller shaft - fwd) | Counter clockwise viewed from flywheel side | | |
| Dry weight engine with gear | 358 kg (789 lbs) | | |
| Length engine with gear | 1166 mm (46 in) | | |

** Other marine gearboxes and configurations available upon request. Contact your local supplier for more information.

Instrument Panels



Multi function LCD display:

- engine information
- maintenance information
- diagnosis messages

Engine Accessories

Standard Engine Package System

- Alternator 12V - 150A single pole
- Protection cover for engine transmission
- Exhaust mixing Elbow (L-type)
- Flexible Mounts
- Glow plug controller and related parts

Optional Engine Package System

- High riser mixing elbow
- Exhaust side dipstick
- Electrical Gearshift
- Trolling

Electronic Control System

Standard Electronic Control

- Electronic Control Head
- LCD display
- Back-up throttle control system

Optional Electronic Control

- Various engine Monitoring gauges
- Various engine Control heads