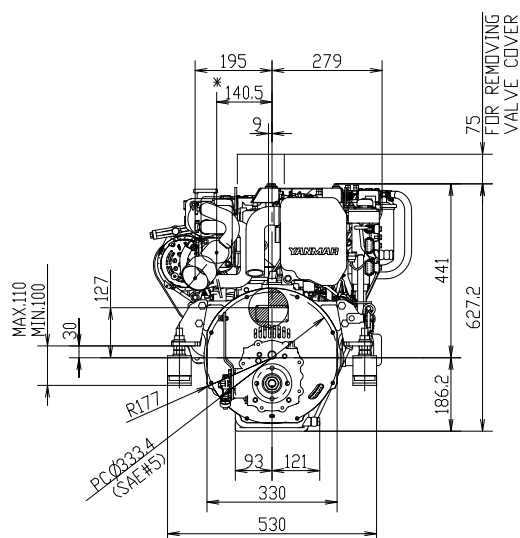


| | | | |
|------------------------------------|---|---------------------|-----|
| Configuration | 4-stroke, vertical, water-cooled diesel engine | | |
| Maximum output at crankshaft | *41.9 kW@3000 rpm | [57 mhp@3000 rpm] | |
| Displacement | 2.19 ltr | [134 cu in] | |
| Bore x stroke | 88 mm x 90 mm | [3.46 in x 3.54 in] | |
| Cylinders | 4 in line | | |
| Combustion system | Direct injection with common rail system | | |
| Aspiration | Natural aspiration | | |
| Starting system | Electric starting 12V - 1.4 kW | | |
| Alternator | 12V - 125A | | |
| Cooling system | Fresh water cooling by centrifugal water pump and rubber impeller sea water pump | | |
| Lubrication system | Enclosed, forced lubricating system | | |
| Direction of rotation [crankshaft] | Counterclockwise viewed from flywheel side | | |
| Dry weight without gear | 220 kg | [485 lbs] | |
| Environmental | EU: RCD (will comply RCD2 from 2016) BSO II | | EMC |
| | US: EPA Tier 3 | | |
| Engine mounting | Rubber type flexible mounting | | |

* Fuel temperature 40°C at the inlet of the fuel injection pump [ISO 8665: 2006]
Technical data is according to ISO 8665: 2006

Rear view



Technical drawing of the engine compartment showing dimensions and component labels:

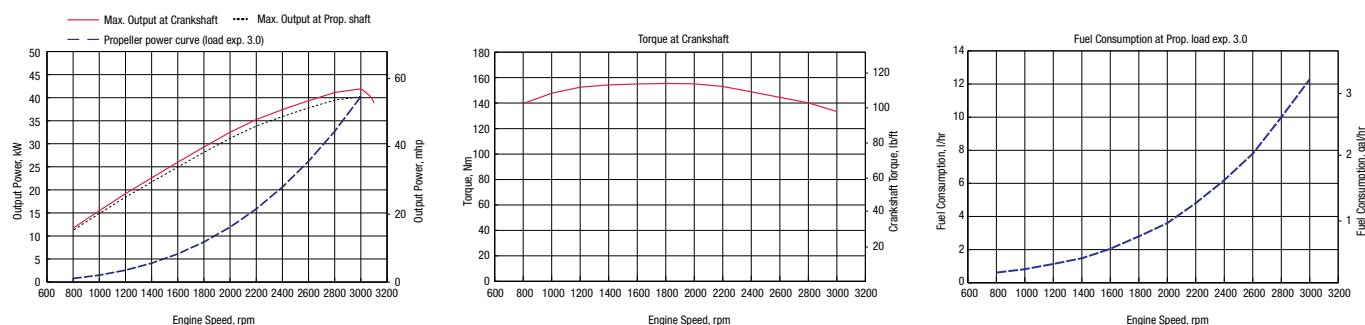
- OIL DIPSTICK & DRAIN(ø15)**
- OIL FILTER**
- FUEL FILTER**
- DRAIN (ENGINE WATER, 1/2)**
- BELT COVER FOR 2ND ALTERNATOR**
- CENTER OF OIL FILTER**
- OIL FILLER CAP**

Dimensions (mm):

- *814
- 801.9
- 25
- 40
- 303
- 169.3
- 7
- 506
- 194.3
- 869.6

www.yanmar.eu

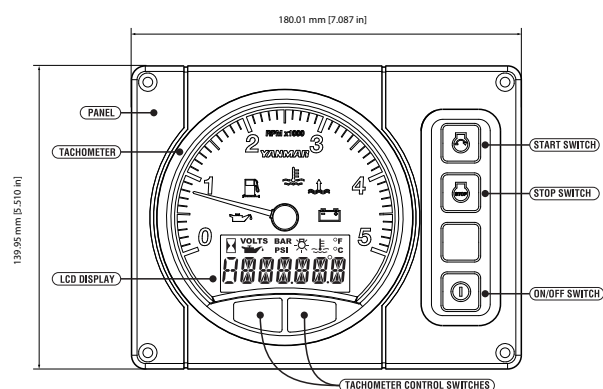
PERFORMANCE CURVES



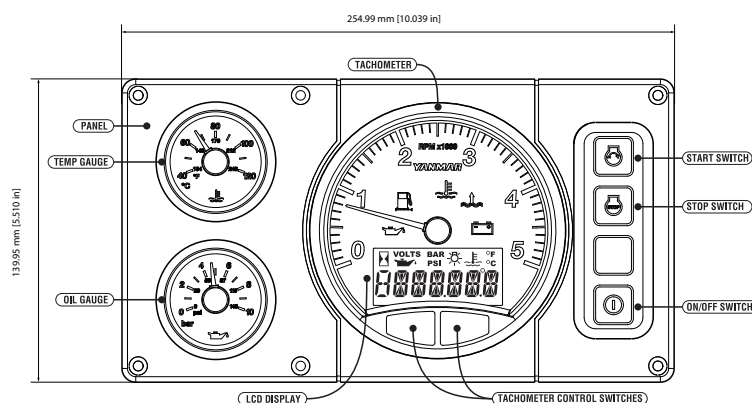
MARINE GEARS/DRIVE

| Model | KM35P | | KM35A2 [down angle: 7°] | | KM4A1 [down angle: 7°] | | | ZF30M | | Saildrive SD60 | |
|---|-----------------------------|--|-----------------------------|--|---|--|--|-----------------------------|--|--|--|
| Type | Mechanical cone clutch | | Mechanical cone clutch | | Mechanical cone clutch | | | Mechanical multi-disc | | Mechanical wet type multi-disc | |
| Dry Weight | 15 kg [33 lbs] | | 16 kg [35 lbs] | | 33 kg [73 lbs] | | | 23 kg [51 lbs] | | 44 kg [97 lbs] | |
| Reduction Ratio [fwd/asn] | 2.36/3.16 | | 2.61/3.16 | | 1.47/1.47 2.14 / 2.14 2.63/2.63 | | | 2.15/2.64 2.70/2.64 | | 2.23/2.23 2.49/2.49 | |
| Propeller speed [fwd/asn] | 1271/949 | | 1149/949 | | 1288/980 1136/980 2041/2041 1402/1402 1141/1141 | | | 1395/1136 1111/1136 | | 1345/1345 1205/1205 | |
| Direction of rotation [propeller shaft - fwd] | Clockwise viewed from stern | | Clockwise viewed from stern | | Clockwise & counterclockwise viewed from stern | | | Clockwise viewed from stern | | Clockwise & counterclockwise viewed from stern | |
| Dry weight - engine & gear | 235 kg [518 lbs] | | 236 kg [520 lbs] | | 253 kg [558 lbs] | | | 243 kg [536 lbs] | | 264 [582 lbs] | |
| Length engine and gear/drive | 870 mm [34 in] | | 868 mm [34 in] | | 926 mm [36 in] | | | 950 mm [37 in] | | 1113 mm [44 in] | |

INSTRUMENT PANELS



B25 STANDARD



C35 OPTIONAL

ACCESSORIES

Standard Package

- Set of flexible engine mounts
- Exhaust mixing elbow [L-type]
- V-belt safety cover
- Fresh water expansion tank
- Alternator 12V - 125A
- Operation manual
- B25-panel
- Sensors for instrument panel
- Seawaterpump front mounted
- Engine Topcover for protection

Optional

- Second alternator 12V - 125A or 24V - 60A
- High-riser mixing elbow [instead of L-elbow]
- Extension wire harness [3m, 5m, 10m]
- Hot water kit with cocks
- Second station harness and panel
- C35-panel
- Oil pressure sensor for C35-panel
- Extension saildrive leg [75 mm]
- Propeller cone nut kit SD60
- NMEA 2000 convertor for Engine monitory system
- Emergency stop switch

NOTE: All data subject to change without notice. Text and illustrations are not binding.