## **MARINE DIESEL M 3.28**



IDI/4stroke/3cyl. in line/

M 3.28

3

: 22:1

: 1-3-2 : 12 Volt - 75 A.

: 3600

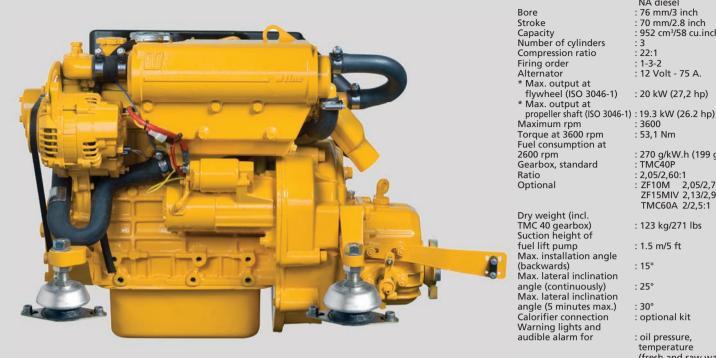
: 53,1 Nm

NA diesel : 76 mm/3 inch

: 70 mm/2.8 inch

: 20 kW (27,2 hp)

952 cm<sup>3</sup>/58 cu.inch



## 20 KW (27.2 HP)

## SOLAS (Safety Of Life At Sea) Approval

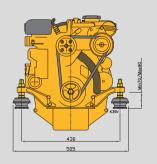
Engine model M3.28 is also available to special order with SOLAS approval for use in lifeboats and rescue boats.

The special characteristics of SOLAS approved engines are as follows:

- stop automatically if inverted. If this occurs, leakage of oil and fuel is minimal
- can be restarted immediately after righting.
- can be operated with the engine submerged up to crankshaft level.
- can be operated intermittently with a maximum inclination of 30 degrees (e.g. as a consequence of hanging in the davits).
- start at temperatures down to -15° C.

FUEL RETURN #8

- resist shock as a consequence of free fall.
- are provided with the possibility to mount an external fire fighting pump on the crankshaft pulley.





TMC40 SEAWATER INTAKEØ20

4 VETUS flexible engine

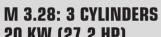
mountings are supplied

with this engine.



This waterproof VETUS instrument panel, provided with 5 control lights, a tacho/hourmeter, a voltmeter, an acoustic alarm and the starter switch, is standard supply. Instead of the engine panel shown, one of the other VETUS engine panels may be supplied. An engine panel for a second steering position may be supplied as well.





: 270 g/kW.h (199 g/hp.h) : TMC40P 2600 rpm Gearbox, standard Ratio : 2,05/2,60:1 : ZF10M 2,05/2,72:1 ZF15MIV 2,13/2,99:1 Optional TMC60A 2/2,5:1 Dry weight (incl. TMC 40 gearbox) Suction height of : 123 kg/271 lbs fuel lift pump
Max. installation angle : 1.5 m/5 ft : 15° (backwards) Max. lateral inclination angle (continuously) : 25° Max. lateral inclination : 30° angle (5 minutes max.) Calorifier connection : optional kit Warning lights and audible alarm for : oil pressure, temperature (fresh and raw water),

charging current Control light for pre-heating Automatic circuit breaker 10 A : indirect cooling as Cooling system

standard. (keelcooling optional)

**Technical data** 

<sup>\*</sup> In accordance with ISO 8665