

September 2010

Dear Sirs,

We wish to inform you that KAPELOS DIESELS S.A. has in stock now, the new YANMAR lifeboat engines, type 3JH30A.

These engines are fully approved for SOLAS type lifeboats, with all necessary certificates.

There are 2 versions available: One with heat exchanger cooling and the other one with keel cooling.



Highlights:

- These engines can turn in operation 360° without stopping or suffering any damage.
- They have been tested and satisfy SOLAS/31 demand for operation during free fall of the lifeboat.
- Even if boat is full of water, up to crankshaft height, engine can run for 5 minutes at full speed.
- Engine can start at temperature down to -15° C.



Technical Specification of the engine and standard accessories included in price:

Engine Type	3JH30A
Power	22,1 KW / 30 HP
RPM	2900 RPM
Number of cylinders	3 in line
Displacement	1.363 cc
Aspiration	Natural
Electric starter	1,8 KW - 12V
Charging alternator	12 V – 60 A
Instrument panel	Tachometer – hour meter – alarm in case of low oil pressure – high coolant temperature – failure of battery charging
Wiring Harness	4 m
Cooling system	With Heat Exchanger sea water to coolant or Keel Cooling
Gear box	Mechanical KM35P
Reduction ratio	Forward 2,36:1 – Reverse 3,16:1
Weight	187 kg
Standard accessories	Oil change pump Sea water inlet kit (heat exchanger) Coolant expansion tank Remote control with cables
Certificate	NK



In case you need, we can offer the following with additional cost:

- Inox propeller shaft.
- Propeller shaft coupling.
- Stern tube.
- Propellers MICHIGAN.
- Battery.

Price:

Engine Type	Version	Gearbox	Price
3JH30A	Heat Exchanger cooling	KM35P	8.700 €
3JH30A	Keel Cooling	KM35P	8.300 €

*Please consider additionally 23% VAT.

Note: If you have the necessary legal documents VAT will be excluded.

We are at your disposal, for any additional information.

Sincerely,
Emmanuel Kapeelos