

TECHNICAL DATASHEET



SABB K59

59 BHP / 44 KW @ 2700 RPM



SABB Kubota engines are based on core engines from Kubota Corporation Ltd. in Japan. Kubota, as a core engine manufacturer is one of the worlds leading brands within marine and industrial diesel engines, as well as a leading supplier of diesel generator sets.

TECHNICAL SPECIFICATIONS			
Base engine make	: Kubota Corporation	Output reference	: SAE J1995 Gross Int.
Rotation	: CCW from rear	Alternator capacity	V-A : 12-60
Injection	: IDI, Turbocharged	Fuel oil consumption	g/kWh : 288
No of cylinders	: 4	Air consumption	l/sec : 57.34
Bore	mm : 87	Sump oil capacity	litres : 9.5
Stroke	mm : 102.4	Engine length	mm : 1027,3
Cylinder volume	cm ³ : 2434	Engine width	mm : 523.8
Firing order	: 1 - 3 - 4 - 2	Engine height	mm : 769.2
Compression ratio	: 22.5:1	Engine dry weight	kg : 232
Output @ 2700 rpm	: 44 kW / 59 BHP	Weight w/gearbox	kg : 260
Gearbox type*	: ZF 25M	Max inclination	: 30° All directions
Gearbox ratio	: 1.880 / 2.273 / 2.737	Engine colour	: SABB blue

* Other gearboxes possible on request.
Specification are subject to change without notice.

SABB K series lifeboat engine is based on Kubota engines. This renowned engine manufacturer has carefully been chosen by our company to combine the advantages of large scale production and competitive prices with the experience and knowledge of Frydenbø Sabb Motor AS in the completion of the lifeboat engines.

Standard equipment

According to SOLAS 74 / IMO 83 for engines for partially / totally enclosed lifeboats.

- 1-pole electrical system
- Power take off for sprinkler pump
- Alternator radio interference suppression
- Engine inversion stop service
- Sump drain pump
- Self-bleeding fuel system
- Instrumentation / alarm function
- Parts list / operator's manual
- Instruction labels
- Work test certificate
- Toolkit

Program tests

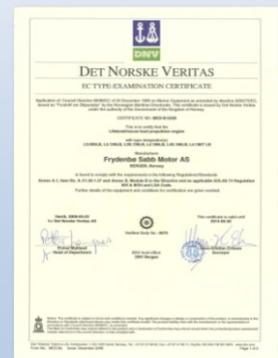
- Cold starting at minus 15°C within 2 minutes.
- Operation for minimum 5 minutes immersed in water to centre of crankshaft.
- Inversion of running engine through 360 degrees (Capsize test).
- Out-of-water test of engine to simulate operation before launching lifeboat.

Optional equipment

- 42V / 220V water jacket heater
- Extra start system: Electric / Hydraulic /Spring starter
- P16 sprinkler pump w/bracket
- Triple battery charging diodes
- Spare parts kit

Certifications

- DNV

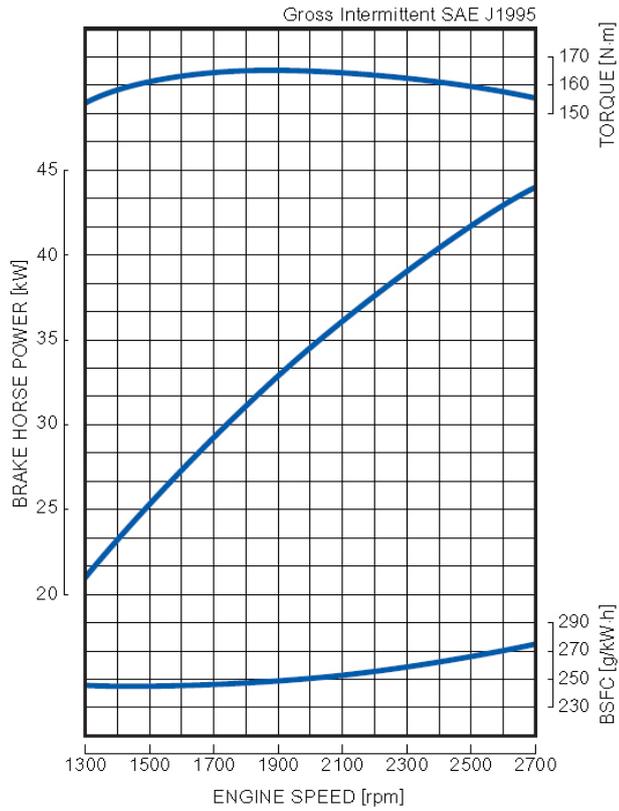


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PERFORMANCE CURVE

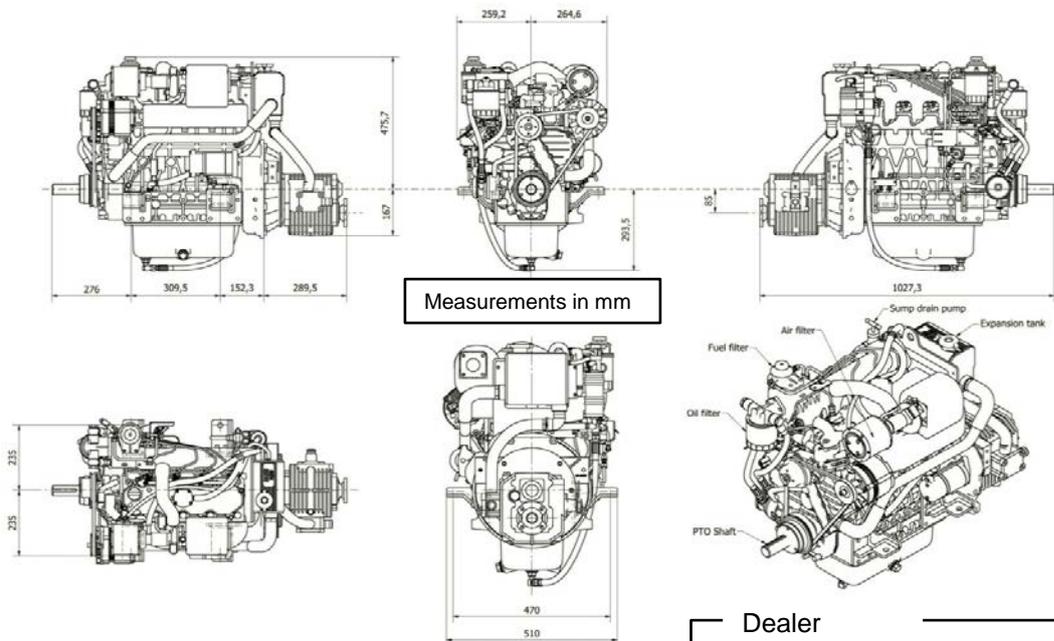


INSTRUMENT PANEL

- Wide selection of instrument panels.
- Custom instrument configurations available on request.
- Sealed IP66 instrument panel available on request.



GENERAL DIMENSIONS



Dealer

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