

N4.115E SD

SPECIFICATIONS



Power at crankshaft	84.6 kW [115 hp]
Displacement	3.769 l [230 in³]
Configuration	4 cylinders in line
Operation type	4 stroke Diesel
Bore & Stroke	100 x 120 mm [3.94 x 4.72 in]
Compression ratio	19.1 : 1
Rated speed	2600 rpm
Idling speed	825 rpm
Peak torque	387 Nm
Peak torque speed	1600 rpm

Engine base	Kubota
Fuel system	With Electronic Speed Governor
Air intake	Turbocharged with intercooler
Cooling	Closed cooling with heat exchanger
Max mounting angle	7° Front down 7° Front up
Alternator	12 Volt 120 Amp
Rating	M4
Emission compliance	RCD 2013/53/EU EPA marine Tier 3 BSO 2
Dry weight with SD15	450 kg [992,06 lbs]

N4.115E SD

84.6 kW [115 hp] at 2600 rpm

TECHNICAL DESCRIPTION

ENGINE BLOCK

- 4 Cylinders in line
- 4 Valves per cylinder
- Gear driven valve train
- Watercooled exhaust manifold.

FUEL SYSTEM

- Electronic speed governor
- Cam driven in-line injection pump
- Fuel feed pump
- Fuel filter with hand primer.

LUBRICATION SYSTEM

- Replaceable full-flow oil filter
- Oil dipstick
- Oil drain pump.

COOLING SYSTEM

- Closed cooling with heat exchanger
- Gear driven self-priming raw water pump
- Coolant circulating pump
- Water cooled exhaust elbow.

ELECTRICAL SYSTEM & INSTRUMENTATION

- 12 V Electrical system
- 12 V / 120 A alternator
- Electric starter motor
- Electric stop function
- Instrumentation panel, including Start/ Stop, tachometer, coolant temperature & oil pressure indicators, alarms
- Extension cable harness with plug-and-play.

AIR INTAKE

- Turbocharged with intercooler
- Mounted air cleaner.

OTHER FEATURES

- Flexible engine mountings.

OPTIONAL EQUIPMENTS & ACCESSORIES

- Keel cooling adaptation
- Complete marine propulsion systems
- Throttle and shift controls
- Additional instrumentation, Flying bridge extension harness
- Alternator 24 V - 55 A
- 24 V Electrical system
- Engine mounting adaptation
- Two pole electrical system
- Complete exhaust systems
- Trolling valve.

RATINGS

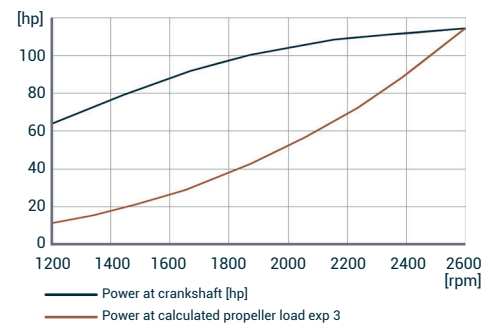
- Up to 3000 annual operating hours
- Load factor up to 40%
- Full power for no more than 1 hour out of each 12 hours of operation. The remaining time must be at, or below cruising speed
- Recreational boats, Tactical military vessels and Rescue boats.

TRANSMISSION

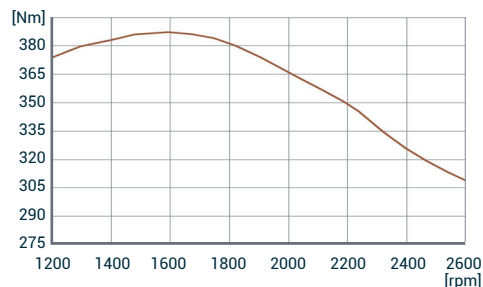
- SD 15 - Standard or Extended leg.

PERFORMANCE CURVES

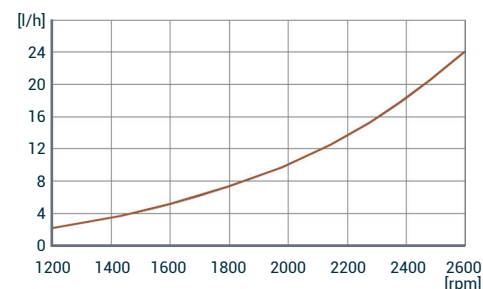
POWER AT CRANKSHAFT



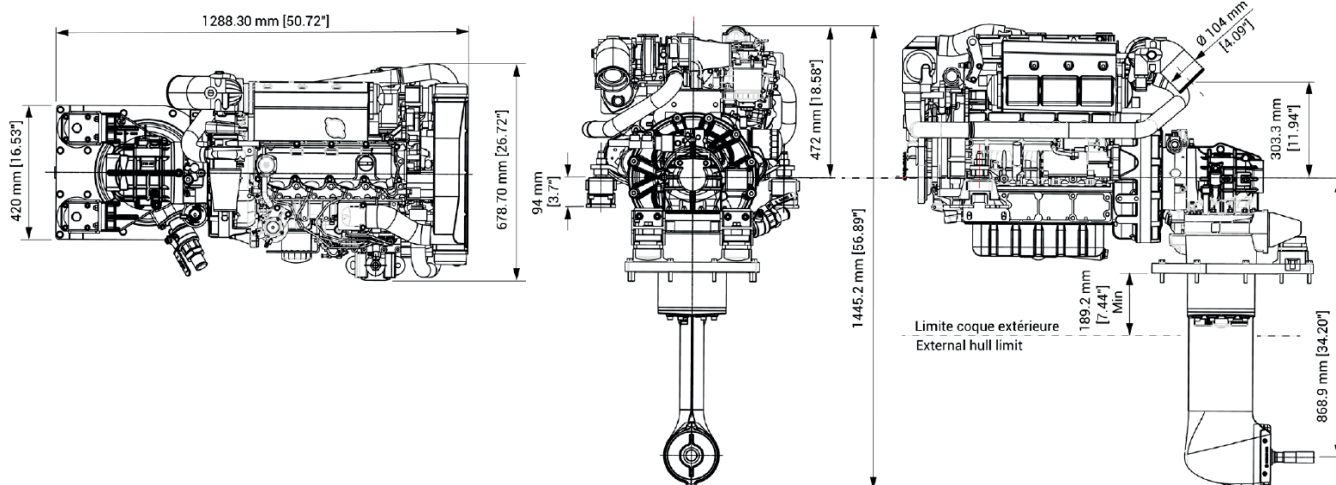
TORQUE AT CRANKSHAFT



FUEL CONSUMPTION



DIMENSIONS



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