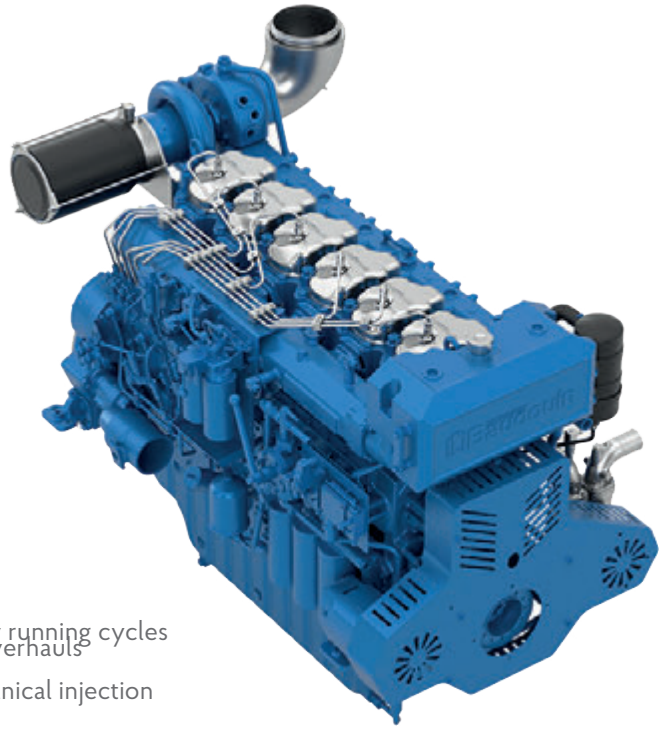
MOTEURS Baudouin

Marine Engines

6M33.2

4 Stroke diesel engine, direct injection

Number of cylinders	6 in line
Bore and stroke (mm)	150 X 185
Total displacement (L)	19.6
Compression ratio	15/1
Engine rotation	counter clockwise
Idle speed	650
Flywheel	SAE 1
Flywheel housing	SAE 14"



Customer benefits

Compact size with one of the best in class power outputs

Controlled fuel consumption

Life cycle cost efficiency with extended mean time between overhauls with low exahust emissions at any running cycles

Easy maintenance as the engine is equipped with somple mechanical injection

Rated power - Fuel consumption

Duty	kW	HP	RPM	Fuel consumption			IMO	EPA
				Optimum value	Rated power			
				g/kWh	g/kWh	l/h		
P1	478	650	1800	197	209	120	II	-
P2	515	700	1800	197	211	128	II	-
P2	552	750	1800	199	214	141	II	-

	P1	P2
Application	Unrestricted Continuous	Heavy
Engine load variations	Not important	Continuous
Average Engine load factor	80-100%	30-80%
Annual working time	More Than 5000 H	3000 -5000 H
Time at full load	Unlimited	8h Each 12h

Power definition

(Standard ISO 3046/1 - 1995 (F))

Reference conditions

Ambient temperature	25°C / 77°F
Barometric pressure	100 kPa
Relative humidity	30%R
Raw water temperature	25°C / 77°F

Fuel oil

Relative density	0,840 ± 0,005
Lower calorific power	42 700 kJ/kg
Consumption tolerances	+ 5% (DIN ISO 3046-1)
Inlet limit temperature	35°C /95°F

Our ratings also comply with classification societies maximum temperature definition without power derating.

Ambient temperature	45°C / 113°F
Raw water temperature	32°C / 90°F

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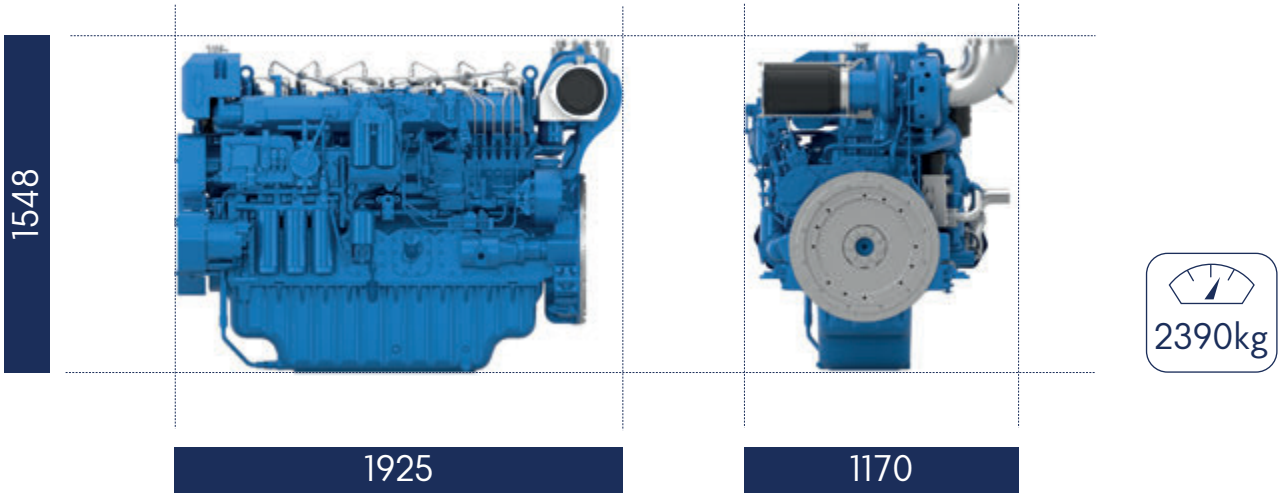
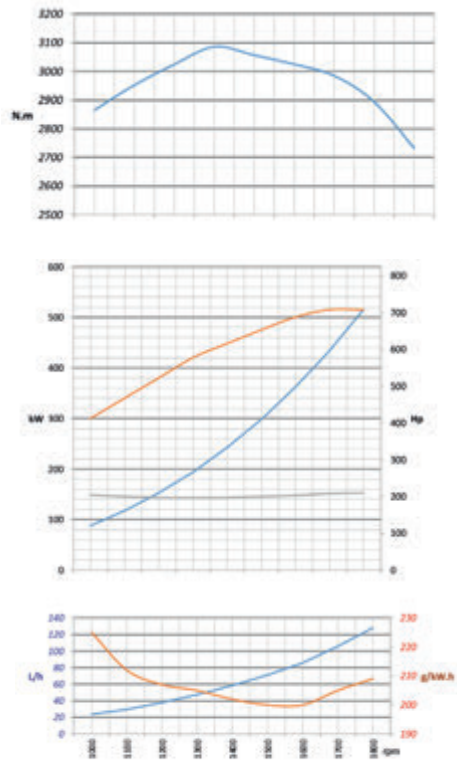
Dimensions and dry weight (mm/kg)

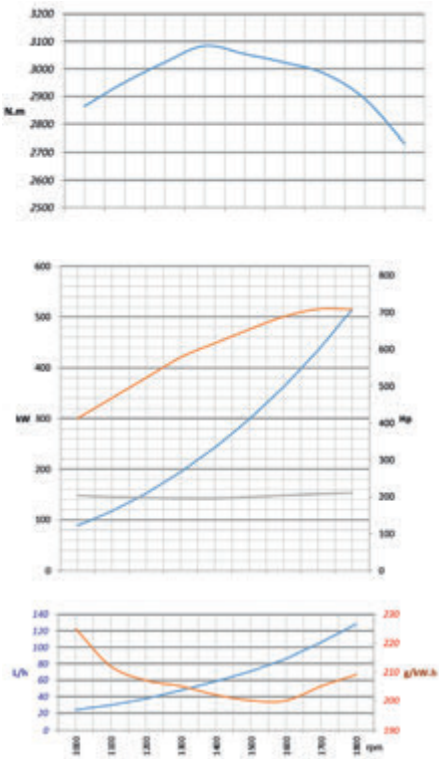


Performance

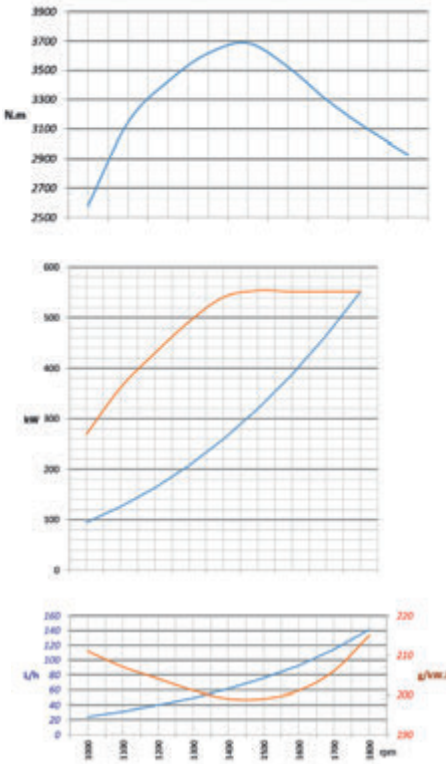
P1 478KW @ 1800 rpm



P2 515KW @ 1800 rpm



P2 552KW @ 1800 rpm



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