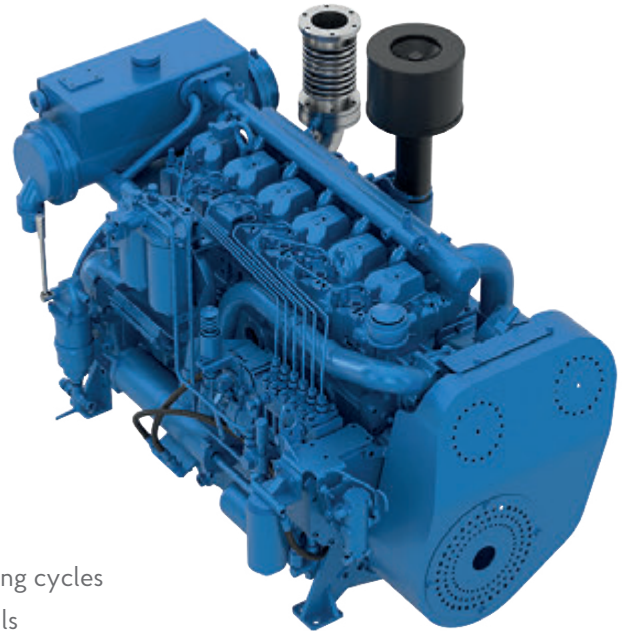


6W105M

4 Stroke diesel engine, direct injection

Number of cylinders	6 in line
Bore and stroke (mm)	105 X 130
Total displacement (L)	6.75
Compression ratio	18/1
Engine rotation	counter clockwise
Idle speed	700
Flywheel	SAE 3
Flywheel housing	SAE 11.5"



Customer benefits

Compact size with one of the best in class power outputs

Controlled fuel consumption with low exhaust emissions at any running cycles

Life cycle cost efficiency with extended mean time between overhauls

Easy maintenance as the engine is equipped with simple mechanical injection

Rated power - Fuel consumption

Duty	kW	HP	RPM	Fuel consumption			IMO	EPA
				Optimum value		Rated power		
				g/kWh				
P2	136	185	2100	198	211	34	II	-
P3	168	228	2425	193	216	43	II	-

	P2	P3
Application	Heavy	Intermittent
Engine load variations	Important	Important
	30-80%	60%
Annual working time	3000-5000h	1000-3000h
Time at full load	8h each 12h	2h 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

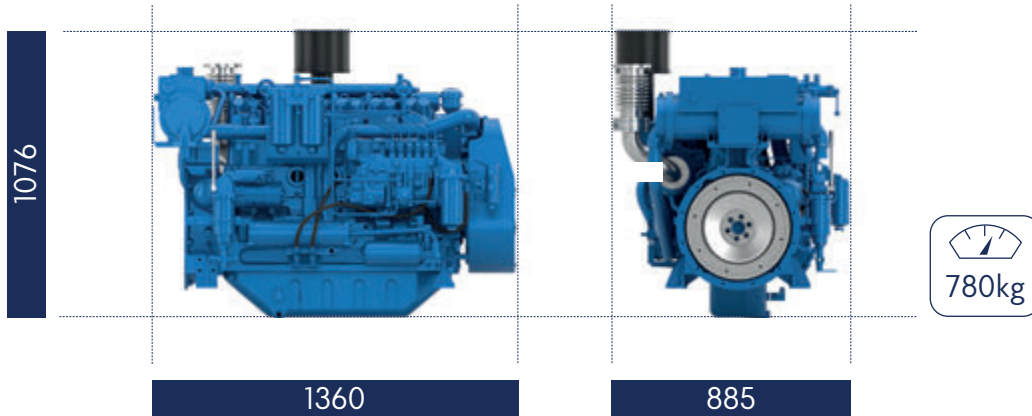
Relative density	0,840 ± 0,005
Lower calorific power	42 700 kJ/kg
Consumption tolerances	+ 5%
	(DIN ISO 3046-1)
Inlet limit temperature	35°C / 95°F

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

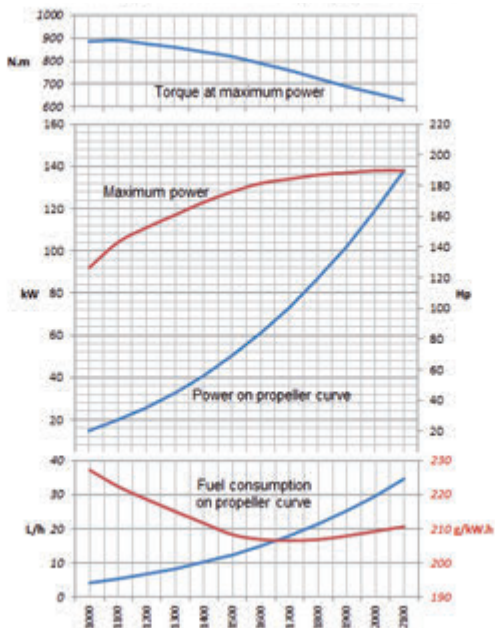
6W105M

Dimensions and dry weight (mm/kg)

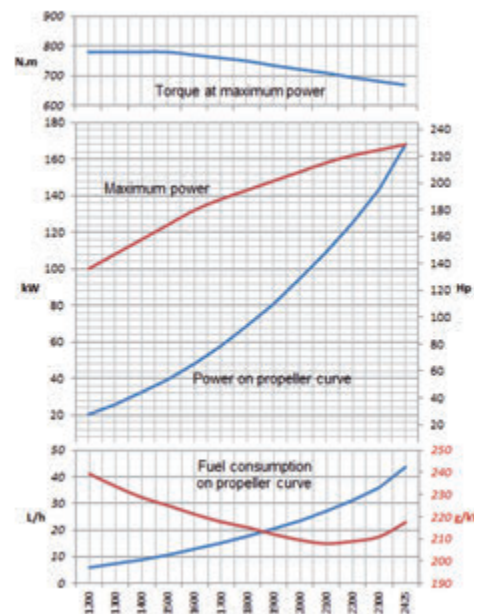


Performance

P2 - 136 kW - 185 hp @2100rpm



P3 - 168 kW - 228 hp @2425rpm



Moteurs Baudouin reserve the right to modify these specifications, without notice. Document not contractual.