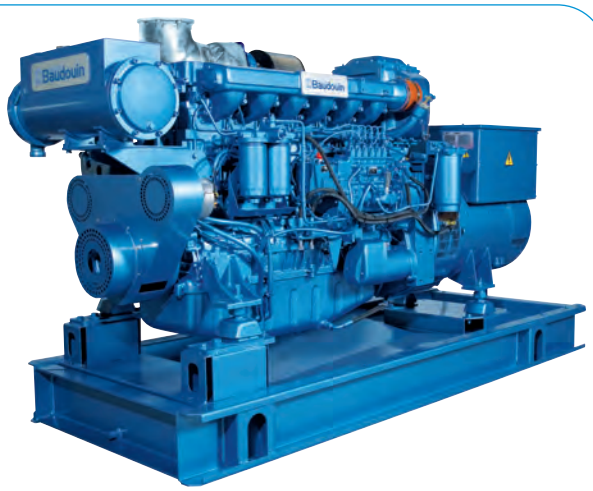


Not contractual picture

Marine Diesel Generators

4 strokes diesel engine, direct injection

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

Reference conditions

Ambiant tempeature	25 °C / 77 ° F
Barometric pressure	100 kPa
Relative humidity	30 %
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 %
Air inlet limit de temperature	35 °C / 95 °F

Electrical power
Power in kVA declared at pf 0.8

GENERAL DATA

Models	Nb cyl	Arrangement	Bore (mm)	Stroke (mm)	Swept vol. (l)	Flywheel housing
4 W105S	4	in line	105	130	4.50	SAE 3
6 W105S	6	in line	105	130	6.75	SAE 3
6 W126S	6	in line	126	155	11.56	SAE 1
6 M19.3	6	in line	126	155	11.56	SAE 1
6 M26.2	6	in line	150	150	15.90	SAE 1
12 M26.2	12	in V	150	150	31.80	SAE 0

MAXIMUM RATING TABLE

		PRP		
		kWm	kWe	kVA
4 W105S	50 Hz	75	68	85
	60 Hz	92	84	105
6 W105S	50 Hz	129	120	150
	60 Hz	145	136	170
6 W126S	50 Hz	290	272	340
	60 Hz	300	280	350
6 M19.3	50 Hz	330	320	400
	60 Hz	380	360	450
6 M26.2	50 Hz	440	416	520
	60 Hz	460	436	545
12 M26.2	50 Hz	880	836	1045
	60 Hz	920	872	1090

Prime running power (PRP)

- Variable load with mean power calculated on 250 running hours
- No restriction on use if mean power ≤ 75% of nominal power
- Total operating time at 100% nominal power shall not exceed 500 hours per year
- 10% overload available 1 hour each 12 hours

3 PHASES SYNCHRONOUS GENERATOR

Frequency	50/60 Hz - 4 poles
Insulation / Heating class	H / H
Voltage regulation	Electronic
Excitation	Brushless
Protection / Impregnation	IP23 / Marine
Bearing	Sealed, life lubricated

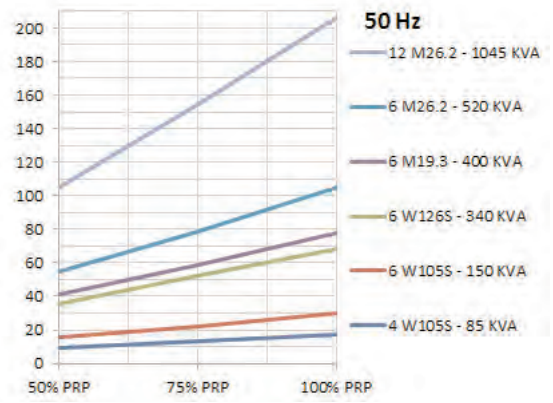
OPTIONAL EQUIPMENTS (extract)

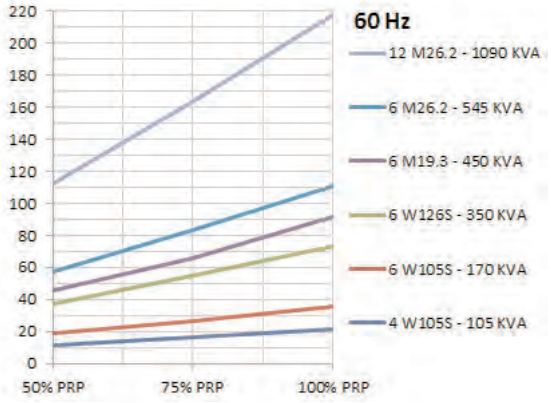
Keel cooling water circuits configuration
Remote alarm panel
Communication port (canbus J1939)

SPECIFIC FUEL CONSUMPTION

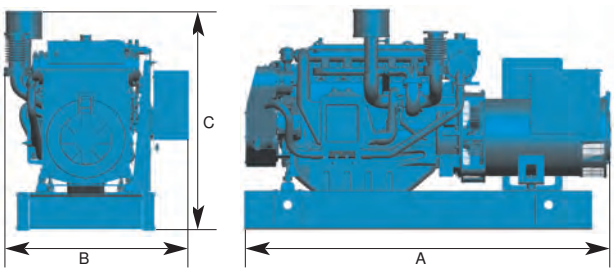
	PRP			100% PRP		75% PRP		50% PRP	
	HZ	kVA	kWe	kWm	g/kWh	kWm	g/kWh	kWm	g/kWh
4 W105S	50	85	68	75	194	56	196	38	205
	60	105	84	92	198	69	197	46	213
6 W105S	50	150	120	129	193	97	194	65	204
	60	170	136	145	204	109	207	73	220
6 W126S	50	340	272	290	198	218	201	145	204
	60	350	280	300	205	225	206	150	209
6 M19.3	50	400	320	330	199	248	198	165	208
	60	450	360	380	202	285	194	190	201
6 M26.2	50	520	416	440	200	330	200	220	208
	60	545	436	460	202	345	202	230	210
12 M26.2	50	1045	836	880	197	660	197	440	201
	60	1090	872	920	199	690	199	460	205

FUEL CONSUMPTION PERFORMANCES (l/h)





DIMENSIONS



	kVA 50 Hz	kVA 60 Hz	A	B	C	Kg*
4 W105S	85	105	1 730	856	1 110	1 100
6 W105S	100 / 150	120 / 170	2 109	866	1 261	1 500
6 W126S	170 / 260	205 / 300	2 585	994	1 391	2 145
	300 / 340	350	2 727	994	1 391	2 371
6 M19.3	400	450	2 608	1 242	1 270	2 470
6 M26.2	520	545	3 174	1 237	1 337	3 170
12 M26.2	1045	1090	3 879	1 456	1 575	5 930

* without water & oil

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