MARINE PRODUCT GUIDE

Baudouin

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Baudouin Headquarters in Cassis, France.

We Are Baudouin

For over 100 years, Société Internationale des Moteurs Baudouin has manufactured the highest quality engines for marine and power generation applications. In the hostile environment of a marine operator, reliability and durability are paramount, and Baudouin has been successfully serving this market since 1918.

It's from this Marine Heritage that Baudouin has a reputation for quality, adaptability, and reliability. Baudouin offers a comprehensive range of propulsion solutions, generator sets, and auxiliary engines. Baudouin products are distinguished by their genuine marine design, high level of reliability, easy maintenance, and operational economy.

ISO 9001:2015 CERTIFIED QUALITY MANAGEMENT

ISO 14001:2015 CERTIFIED ENVIRONMENTAL MANAGEMENT

OHSAS 18001:2007 CERTIFIED OCCUPATIONAL HEALTH & SAFETY

Certified By Major Classification Societies

Moteurs Baudouin designs and builds marine products in compliance with the strictest safety standards. We have type approvals from major marine classification societies worldwide including:

Emission Regulations

International Maritime Organization (IMO) Emission Regulations

The *MARPOL 73/78 Annex VI: Prevention of air pollution from ships* (and subsequent amendments) serves to regulate NOx emission levels on marine diesel engines. The increasing regulations, 'Tiers', affect engines mounted in vessels built on or after January 1 of the year of release of the Tier. The NOx limits allowed are engine speed-dependent.

Tier	Date	NOx limit (g/kW.h)		
		n*< 130	130 ≤ n ≤ 2000	n ≥ 2000
Tier III	2016	3.4	9 x n -02	2.0

n* : rpm

Commercial Craft Directive 2016/1628/CE (EU Stage V)

The directive regulates exhaust emissions from various mobile machinery in the European Community (EC) area. The Stage V standards became effective from 2019 for engines below 56 kW and above 130 kW, and from 2020 for engines of 56-130 kW.

Stage V Emission Standards for Inland Waterways Vessels (IWP & IWA)

Category	Net Power kW	Date	CO	HC[a]	NOx	PM	PN 1/kWh
			g/kWh				
IWP/WA-v/c-1	19 ≤ P < 75	2019	5.00	4.70[b]		0.30	-
IWP/WA-v/c-2	75 ≤ P < 130	2019	5.00	5.40[b]		0.14	-
IWP/WA-v/c-3	130 ≤ P < 300	2019	3.50	1.00	2.10	0.10	-
IWP/WA-v/c-4	P ≥ 300	2020	3.50	0.19	1.80	0.0215	$1x10^{12}$

[a] A = 600 for gas engines [b] HC + NOx

CCNR Regulation - CCNR Central Commission for the Navigation of the Rhine implemented its stage II emissions regulation for diesel engines in July 2007. This regulation is only effective for engines with a rated power at or above 37 kW. In an amendment to the CCNR regulation, according to the EU directives, EC type certification is considered equal to the CCNR's stage II certification. Therefore engines certified to the non-road mobile machinery directive (97/68/EC) will be accepted without direct certification to the CCNR regulation.

EPA Rating Information

The Environmental Protection Agency (EPA) is an independent executive agency, of the United States federal government for environmental protection and has the responsibility of maintaining and enforcing national standards under a variety of environmental laws.

Category	Date	Characteristic
III	2009	Engines below 600 kW
IV	2017	Engines above 600 kW

Rating Guidelines

Power Definition (Standard ISO 3046/1 – Units are metric)

Reference conditions

Ambient temperature	25 °C
Barometric pressure	100 kPa
Relative humidity	30 %
Raw water temperature	25 °C
Ambient temperature	45 °C
Raw water temperature	32 °C

Fuel oil

Relative density	0,840 ± 0,005
Lower calorific power	42 700 kJ/kg
Consumption tolerances	0 ± 5 %
Inlet limit temperature	35 °C

- Ratings comply with classification societies maximum temperature definition without power derating.
- Fuel consumption declared conditions IMO II.

Tier 3 Standards for Marine Diesel Category 1 Commercial Standard Power Density (≤ 35 kW/dm3) Engines

Power (P) *kW*	Displacement (D) *dm3 per cylinder*	NOx+THC *g/kWh*	PM *g/kWh*	Date
P < 19	D < 0.9	7.5	0.40	2009
19 ≤ P < 75	D < 0.9[a]	7.2	0.30	2009
		4.7[b]	0.30[b]	2014
75 ≤ P < 3700	D < 0.9	5.4	0.14	2012
	0.9 ≤ D < 1.2	5.4	0.12	2013
	1.2 ≤ D < 2.5	5.6	0.11[c]	2014
	2.5 ≤ D < 3.5	5.6	0.11[c]	2013
	3.5 ≤ D < 7	5.8	0.11[c]	2012

† Tier 3 NOx+HC standards do not apply to 2000-3700 kW engines.
a - < 75 kW engines ≥ 0.9 dm3/cylinder are subject to the corresponding 75-3700 kW standards.
b - Option: 0.20 g/kWh PM & 5.8 g/kWh NOx+HC in 2014.
c - This standard level drops to 0.10 g/kWh in 2018 for < 600 kW engines.

EPA Rating Information

Tier 3 Standards for Marine Diesel Category 1 Commercial High Power Density (> 35 kW/dm3) Engines And All Diesel Recreational Engines

Power (P) *kW*	Displacement (D) *dm3 per cylinder*	NOx+THC *g/kWh*	PM *g/kWh*	Date
P < 19	D < 0.9	7.5	0.40	2009
19 ≤ P < 75	D < 0.9[a]	7.5	0.30	2009
		4.7[b]	0.30[b]	2014
75 ≤ P < 3700	D < 0.9	5.8	0.15	2012
	0.9 ≤ D < 1.2	5.8	0.14	2013
	1.2 ≤ D < 2.5	5.8	0.12	2014
	2.5 ≤ D < 3.5	5.8	0.12	2013
	3.5 ≤ D < 7	5.8	0.11	2012

a - < 75 kW engines ≥ 0.9 dm3/cylinder are subject to the corresponding 75-3700 kW standards.
b - Option: 0.20 g/kWh PM & 5.8 g/kWh NOx+HC in 2014.

Tier 4 Standards for Marine Diesel Category 1/2 Engines

Power (P) *kW*	NOx *g/kWh*	HC *g/kWh*	PM *g/kWh*	Date
P ≥ 3700	1.8	0.19	0.12[a]	2014[c]
	1.8	0.19	0.06	2016[b,c]
2000 ≤ P < 3700	1.8	0.19	0.04	2014[c,d]
1400 ≤ P < 2000	1.8	0.19	0.04	2016[c]
600 ≤ P < 1400	1.8	0.19	0.04	2017[d]

a - 0.25 g/kWh for engines with 15-30 dm3/cylinder displacement.
b - Optional compliance start dates can be used within these model years.
c - Option for Cat. 2: Tier 3 PM/NOx+HC at 0.14/7.8 g/kWh in 2012, and Tier 4 in 2015.
d - The Tier 3 PM standards continue to apply for these engines in model years 2014 and 2015 only.

Rating Guidelines

Propulsion Engines

Power Class		Definition
P1	Continuous Duty	**Continuous application with little or no engine speed/load variations.** **Displacement hull.** Engine mean load factor: 100% • Annual duration of use: Unrestricted • Use under full load: 100% **Application examples:** Deep sea and shrimp trawlers, high sea or river tug boats, towboats, cargos, cargo boats, dredgers, and ferries, sea going and inland tug and push boats, freighters, dredges, and ferries.
P2	Heavy Duty	**Continuous application with frequent variations in engine speed and load. Displacement or semi-displacement hull.** Engine mean load factor: 80% • Annual duration of use: <5,000 hours • Use under full load: 8 hours in a 12-hour period (67%) **Application examples:** Annual passenger vessels, harbour tugs, self-propellers, coasters, fast fishing boats such as tuna boats, seiners, pot vessels or liners buoying vessels, oceanographic research vessels.
P3	Intermittent Duty	**Intermittent application with significant variations in engine speed and load.** **Planing or semi-planing hull.** Engine mean load factor: 60% • Annual duration of use: <3,000 hours • Use under full load: 2 hours in a 12-hour period (17%) **Application examples:** Seasonal passenger vessels, fishing launches, pilot boats, commercial pleasure boats, pump boats, displacement sailboats, trawlers, bow thrusters.

Rating Guidelines

Propulsion Engines Continued

Power Class		Definition
P4	Light Duty	**Light application with significant variations in engine speed and load. Planning hull.** Engine mean load factor: 60% • Annual duration of use: <1,500 hours • Use under full load: 1 hour in a 12-hour period (8%) **Application examples:** Private pleasure boats, multi-hull pleasure boats, survey or rescue fast vessels, military fast vessels.
P5	High Performance Duty	**High performance application with significant variations in engine speed and load.** Engine mean load factor: 60% • Annual duration for use: <500 hours • Use under full load: 1 hour in a 12-hour period (8%) **Application examples:** Private pleasure boats, multi-hull pleasure boats.

Generator Sets & Auxiliary Engines

Power Class		Definition
COP	Continuous Power	· Constant Load · Load and time unrestricted · 10% overload available and limited at 1 h / 6 h
PRP	Prime Power	· Unrestricted running time · Time at full load ≤ 500 hrs/year · Load variation ≤ 75% of rated power · 10% overload 1 hr/12 hrs
ESP	Emergency standby power	· Running time 200 hrs / year max · Load variation 110% of Prime power · Average load factor should not exceed 70% of the engine's ESP power rating

Warranty Disclaimer: Warranty does not apply whenever the engine operation conditions differ from the initial duty class - P1, P2, P3, P4, and P5 - operational conditions. The operator must therefore modify the duty class accordingly, to benefit from S.I. Baudouin warranty coverage.

Product Listing

Marine Propulsion Engines

kW	HP	RPM	Engine Model	Rating	Page
136	185	2100	6W105M	P2	14
168	228	2425	6W105M	P3	14
240	326	2100	6M16	P1	15
264	359	2100	6M16	P2	15
294	400	1800	6W126M	P1	16
331	450	2100	6W126M	P2	16
368	500	1800	6M21.3	P1	17
405	550	1800	6M21.3	P1	17
441	600	2100	6M21.3	P1	17
441	600	1800	6M26.3	P1	19
441	600	1800	6M26.3 IMO 3 | EPA 4 / Stage V	P1	20
478	650	1800	6M33.2	P1	21
485	660	1800	6M26.3	P2	19
515	700	1800	6M33.2	P2	21
515	700	2000	6M26.3	P2	19
515	700	2000	6M26.3 IMO 3 | EPA 4 / Stage V	P2	20
552	720	1600	6M33.3	P1	22
552	750	1800	6M33.2	P2	21
552	750	2100	6M26.3	P2	19
552	750	2100	6M26.3 IMO 3 | EPA 4 / Stage V	P2	20
552	780	1800	6M33.3	P1	22
574	800	1600	6M33.3	P2	22
599	815	2100	6M26.3	P3	19
599	815	2100	6M26.3 IMO 3 | EPA 4 / Stage V	P3	20
599	815	2300	6F21	P3	18
574	850	1800	6M33.3	P2	22
662	900	1800	12M26.2	P1	23
662	900	2300	6F21	P4	18
670	911	1900	6M33.3	P3	22
735	1000	2300	6F21	P5	18
736	1000	1800	12M26.2	P1	23
750	1020	2000	6M33.3	P4	22
809	1100	1900	12M26.2	P2	23

Other power ratings are available on request.

Product Listing

Marine Propulsion Engines (continued)

kW	HP	RPM	Engine Model	Rating	Page
882	1200	1800	12M26.3	P1	24
883	1200	1950	12M26.2	P2	23
956	1300	1800	12M33.2	P1	26
972	1320	1800	12M26.3	P2	24
1029	1400	1800	12M33.2	P2	26
1030	1400	2100	12M26.3	P2	24
1103	1500	2200	12M26.3	P2	24
1103	1500	1800	12M33.2	P2	26
1214	1650	2300	12M26.3	P3	24
1287	1750	1600	16M33.3	P1	27
1361	1850	1600	16M33.3	P2	27
1434	1950	1800	16M33.3	P1	27
1545	2100	1800	16M33.3	P2	27

Marine Generator Sets

kWe	RPM	Genset Model	Application	Page
84	1500	4W105S	PRP	35
84	1500	4W105ES	PRP	35
92	1500	4W105ES	ESP	35
120	1500	6W105S	PRP	36
120	1500	6W105ES	PRP	36
132	1500	6W105ES	ESP	36
96	1800	4W105S	PRP	35
96	1800	4W105ES	PRP	35
106	1800	4W105ES	ESP	35
136	1800	6W105ES	PRP	36
150	1800	6W105ES	ESP	36
136	1800	6W105S	PRP	36
192	1500	6M16	PRP	37
208	1800	6M16	PRP	37
272	1500	6W126S	PRP	38
280	1800	6W126S	PRP	38

Other power ratings are available on request.

Marine Generator Sets (continued)

kWe	RPM	Genset Model	Application	Page
416	1500	6M26.3	PRP	39
416	1500	6M26.3 IMO 3 | EPA 4 / Stage V	PRP	40
472	1500	6M33.2	PRP	41
472	1800	6M26.3	PRP	39
472	1800	6M26.3 IMO 3 | EPA 4 / Stage V	PRP	40
520	1800	6M33.2	PRP	41
840	1500	12M26.2	PRP	42
840	1500	12M26.3	PRP	43
840	1800	12M26.3 IMO 3 | EPA 4 / Stage V	PRP	44
880	1800	12M26.2	PRP	42
956	1800	12M26.3	PRP	43
956	1800	12M26.3 IMO 3 | EPA 4 / Stage V	PRP	44
952	1500	12M33.2	PRP	45
1056	1800	12M33.2	PRP	45

Marine Auxiliary Engines

kW	RPM	Engine Model	Page
90	1500	4W105S	47
129	1500	6W105S	48
104	1800	4W105S	47
145	1800	6W105S	48
205	1500	6M16	49
223	1800	6M16	49
290	1500	6W126S	50
300	1800	6W126S	50
441	1500	6M26.3	51
485	1800	6M26.3	51
441	1500	6M26.3 IMO 3 | EPA 4 / Stage V	52
485	1800	6M26.3 IMO 3 | EPA 4 / Stage V	52
500	1500	6M33.2	53
552	1800	6M33.2	53

Other power ratings are available on request.

Product Listing

Marine Auxiliary Engines (continued)

kW	RPM	Engine Model	Page
710	1500	12M26.2	54
736	1800	12M26.2	54
880	1500	12M26.2	54
882	1800	12M26.3	55
882	1800	12M26.3 IMO 3 | EPA 4 / Stage V	56
920	1800	12M26.2	54
970	1800	12M26.3	55
970	1800	12M26.3 IMO 3 | EPA 4 / Stage V	56
1000	1500	12M33.2	57
1104	1800	12M33.2	57

Product Nomenclature

W Series			
#Cylinders	Engine Spec	Bore	(M) Marine (S) Generator Set/Auxiliry
6	W	105	M
M Series			
#Cylinders	Engine Spec	Unit Displacement	<.2 Mechanical .3 Electronic
6	M	26	.3

Common Conversions

Power

1 kW = 1.36 metric HP
1 kW = 1.341 BHP
1 BHP = 1.014 metric HP

Length

1 cm = 0.3937 in
1 m = 3.28 ft
1 naut. mile = 1.853 km
1 mile = 1.609 km

Temperature

1°C = (1°F-32)/1.8

Mass

1 g = 0.035 oz
1 kg = 2.2 lb
1 metric ton = 1.1 short ton

Torque

1 Nm = 0.102 mkg
1 Nm = 0.74 lb ft
Nm = kW*9549/rpm

Energy

1 cal = 4.187 J

Pressure

1 mm Hg = 1.333 mbar
1 mm H2O = 0.981 mbar
1 mbar = 100 Pa
1 bar = 14.50 psi

Volume

1L = 0.26 gallon (US)
1L = 0.21 gallon (UK)
1L = 61.02 in3

Specific fuel oil consumption (SFOC)

SFOC (g/kWh) = L/hr * 840/kW

MARINE PROPULSION ENGINES

Baudouin marine propulsion engines are recognized worldwide for their quality, durability, and reliability. Baudouin's products comply with the latest marine and inland shipping environmental standards. Baudouin engines are designed specifically for marine applications, and optimized for easy and cost-effective maintenance.

- Best in Class fuel consumption and mean time between overhaul
- Design optimized for maintenance simplicity
- Reliability in the most extreme conditions
- Genuine Marine Design

6W105M

Number of cylinders	6 in line
Bore and stroke	105 x 130 mm
Total displacement	6.7L
Engine rotation	counterclockwise
Idle speed	700 rpm
Flywheel housing	SAE 3
Flywheel	SAE 11.5"

W105 Advantages

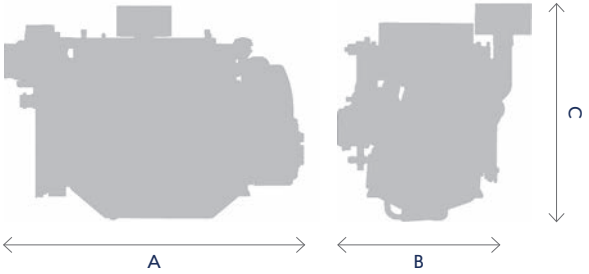
Best-in-class fuel consumption.
Unparalleled propulsion torque at low RPM.
Easy maintenance with simple mechanical injection and unit cylinder heads.

Rating	kW	Hp	rpm	g/kWh	l/h	IMO
P2	136	185	2100	211	34	II
P3	168	228	2425	216	43	II

Other power ratings are available on request.

Main dimensions (mm) and dry weight (kg)

A	B	C	Weight
1360	885	1076	780



6M16

Number of cylinders	6 in line
Bore and stroke	126 x 130 mm
Total displacement	9.7L
Engine rotation	counterclockwise
Idle speed	600 rpm
Flywheel housing	SAE 1
Flywheel	SAE 14"

M16 Advantages

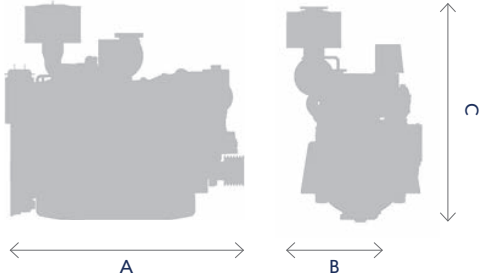
Best-in-class fuel oil consumption.
Unparalleled propulsion torque at low RPM.
Easy maintenance with simple mechanical injection and unit cylinder heads.

Rating	kW	Hp	rpm	g/kWh	l/h	IMO
P1	240	326	2100	218	61	II
P2	264	359	2100	225	69	II

Other power ratings are available on request.

Main dimensions (mm) and dry weight (kg)

A	B	C	Weight
1514	878	1446	1056



6W126M

Number of cylinders	6 in line
Bore and stroke	126 x 150 mm
Total displacement	11.6L
Engine rotation	counterclockwise
Idle speed	700 rpm
Flywheel housing	SAE 1
Flywheel	SAE 14"

W126 Advantages

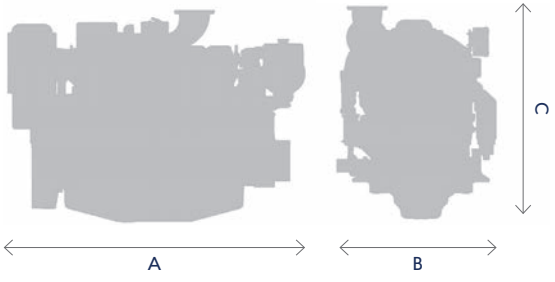
Best-in-class fuel oil consumption.
A reference for towing / pushing applications.
Easy maintenance with simple mechanical injection and unit cylinder heads.

Rating	kW	Hp	rpm	g/kWh	l/h	IMO
P1	294	400	1800	200	70	II
P2	331	450	2100	210	83	II

Other power ratings are available on request.

Main dimensions (mm) and dry weight (kg)

A	B	C	Weight
1695	921	1384	1200



6M21.3 NEW

Number of cylinders	6
Bore and stroke	127 X 165 mm
Total displacement	12.5L
Engine rotation	counterclockwise
Idle speed	700 rpm
Flywheel housing	SAE 1
Flywheel	SAE 14"

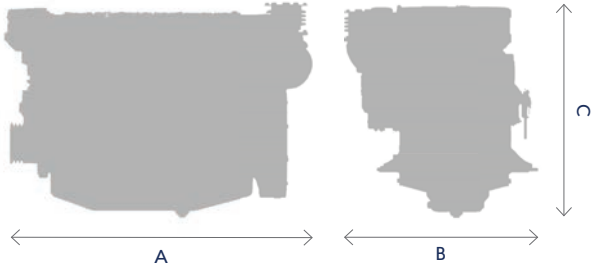
6M21.3 Series Advantages

Genuine marine design.
Global environment care.
Continuous compact power.
Life cycle cost efficiency.

Rating	kW	Hp	rpm	IMO
P1	368	500	1800	II
P1	405	550	1800	II
P2	441	600	2100	II

Main dimensions (mm) and dry weight (kg)

A	B	C	Weight
1552	1000	1100	1180



6F21

Number of cylinders	6 in line
Bore and stroke	127 x 165 mm
Total displacement	12.5L
Engine rotation	counterclockwise
Idle speed	700 rpm
Flywheel housing	SAE 1
Flywheel	SAE 14"
Common-rail injection	

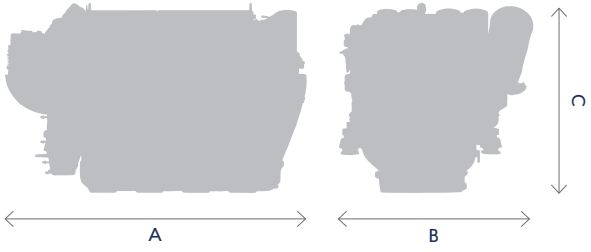
6F21 Advantages

Extreme durability.
Best-in-class 13L engine.
Compact & light with very high power density.
Optimized maintenance for low total cost of ownership.

Rating	kW	Hp	rpm	g/kWh	l/h	IMO
P3	599	815	2300	220	155	II
P4	662	900	2300	223	174	II
P5	735	1000	2300	228	197	II

Main dimensions (mm) and dry weight (kg)

A	B	C	Weight
1470	1100	1075	1450



6M26.3

Number of cylinders	6 in line
Bore and stroke	150 x 150 mm
Total displacement	15.9L
Engine rotation	counterclockwise
Idle speed	650 rpm
Flywheel housing	SAE 1
Flywheel	SAE 14"
Common-rail injection	

M26.3 Series Advantages

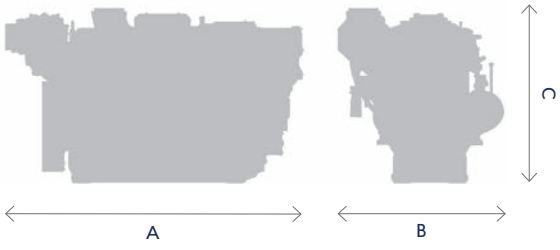
Excellent fuel consumption.
IMO III / EPA 4 and all major certifications.
Unparalleled performance in heavy duty applications.

Rating	kW	Hp	rpm	g/kWh	l/h	IMO	EPA
P1	441	600	1800	197	103	II	3
P2	485	660	1800	200	119	II	-
P2	515	700	2000	206	124	II	3
P2	552	750	2100	212	137	II	3
P3	599	815	2100	219	154	II	3

Other power ratings are available on request.

Main dimensions (mm) and dry weight (kg)

A	B	C	Weight
2103	1172	1196	1985



6M26.3 IMO 3 | EPA 4 / Stage V

Number of cylinders	6 in line
Bore and stroke	150 X 150 mm
Total displacement	15.9L
Engine rotation	counterclockwise
Idle speed	650 rpm
Flywheel housing	SAE 1
Flywheel	SAE 14"

M26.3 Series Advantages

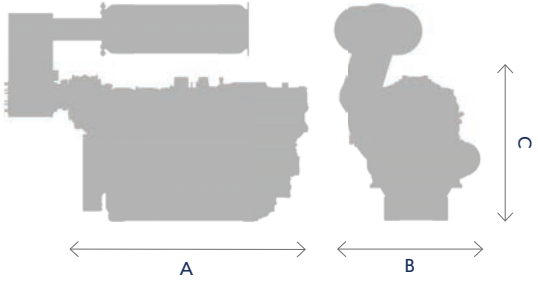
Excellent fuel consumption.
IMO III / EPA 4 and all major certifications.
Unparalleled performance in heavy duty applications.

Rating	kW	Hp	rpm	g/kWh	l/h	IMO	EPA
P1	441	600	1800	201	103	III	4
P2	515	700	2000	215	124	III	4
P2	552	750	2100	217	141	III	4
P3	599	815	2100	226	154	III	4

Main dimensions (mm) and dry weight (kg)

A	B	C	Weight
2501	13670	1582	3300

* Dimensions for engine only.



6M33.2

Number of cylinders	6 in line
Bore and stroke	150 x 185 mm
Total displacement	19.6L
Engine rotation	counterclockwise
Idle speed	650 rpm
Flywheel housing	SAE 1
Flywheel	SAE 14"

M33.2 Series Advantages

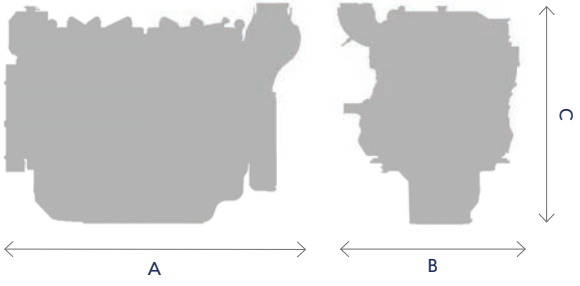
Simple mechanical injection.
Best-in-class fuel consumption.
Best-in-class low speed torque.

Rating	kW	Hp	rpm	g/kWh	l/h	IMO
P1	478	650	1800	211	120	II
P2	515	700	1800	209	128	II
P2	552	750	1800	214	141	II

Other power ratings are available on request.

Main dimensions (mm) and dry weight (kg)

A	B	C	Weight
1925	1170	1548	2390



6M33.3 NEW

Number of cylinders	6 in line
Bore and stroke	150 x 185 mm
Total displacement	19.8L
Engine rotation	counterclockwise
Idle speed	700 rpm
Flywheel housing	SAE 0
Flywheel	SAE 18"

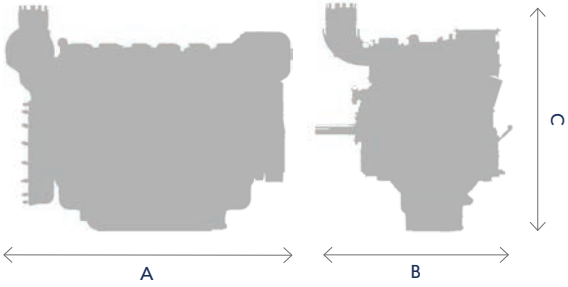
6M33.3 Series Advantages

Adheres to strict emission regulations.
Efficieient fuel consumption.
Easy maintenance.
Highly reliable.
Life cycle cost efficiency.

Rating	kW	Hp	rpm	g/kWh	l/h	IMO
P1	552	720	1600	135	198	II
P1	552	780	1800	136	201	II
P2	574	800	1600	139	198	II
P2	574	850	1800	141	200	II
P3	670	911	1900	179	205	II
P4	750	1020	2000	203	201	II

Main dimensions (mm) and dry weight (kg)

A	B	C	Weight
1933	1050	1397	2430



12M26.2

Number of cylinders	12 V @ 90°
Bore and stroke	150 x 150 mm
Total displacement	31.8L
Engine rotation	counterclockwise
Idle speed	700 rpm
Flywheel housing	SAE 0
Flywheel	SAE 18"

M26.2 Series Advantages

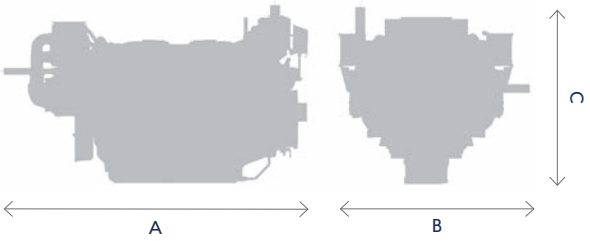
Best-in-class power density.
Best-in-class fuel consumption.
M26.2 series can serve most project requirements worldwide.

Rating	kW	Hp	rpm	g/kWh	l/h	IMO
P1	662	900	1800	198	156	II
P1	736	1000	1800	197	173	II
P2	809	1100	1900	200	192	II
P2	883	1200	1950	201	211	II

Other power ratings are available on request.

Main dimensions (mm) and dry weight (kg)

A	B	C	Weight
2708	1724	1813	3480



12M26.3

Number of cylinders	12 V @ 90°
Bore and stroke	150 x 150 mm
Total displacement	31.8L
Engine rotation	counterclockwise
Idle speed	650 rpm
Flywheel housing	SAE 0
Flywheel	SAE 18"
Common-rail injection	

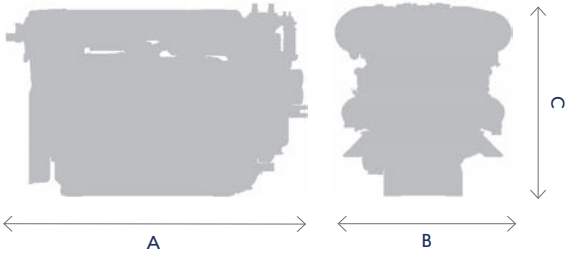
M26.3 Series Advantages

Excellent fuel consumption.
IMO III / EPA 4 and all major certifications.
Unparalleled performance in heavy duty applications.

Rating	kW	Hp	rpm	g/kWh	l/h	IMO	EPA
P1	883	1200	1800	200	207	II	3
P2	972	1320	1800	201	232	II	-
P2	1030	1400	2100	206	250	II	3
P2	1103	1500	2200	211	275	II	3
P3	1215	1650	2300	215	311	II	3

Main dimensions (mm) and dry weight (kg)

A	B	C	Weight
2501	13670	1582	3300



12M26.3 IMO 3 | EPA 4 / Stage V

Number of cylinders	12 V @ 90°
Bore and stroke	150 x 150 mm
Total displacement	31.8L
Engine rotation	counterclockwise
Idle speed	650 rpm
Flywheel housing	SAE 0
Flywheel	SAE 18"

M26.3 Series Advantages

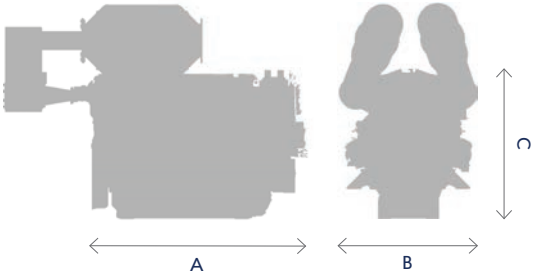
Excellent fuel consumption.
IMO III / EPA 4 and all major certifications.
Unparalleled performance in heavy duty applications.

Rating	kW	Hp	rpm	g/kWh	l/h	IMO	EPA
P1	883	1200	1800	202	209	III	4
P2	1030	1400	2100	210	254	III	4
P2	1103	1500	2200	210	275	III	4
P3	1214	1650	2300	209	311	III	4

Main dimensions (mm) and dry weight (kg)

A	B	C	Weight
2501	13670	1582	3300

* Dimensions for engine only.



12M33.2

Number of cylinders	12 V @ 90°
Bore and stroke	150 x 185 mm
Total displacement	39.2L
Engine rotation	counterclockwise
Idle speed	650 rpm
Flywheel housing	SAE 0
Flywheel	SAE 18"

M33.2 Series Advantages

Simple mechanical injection.
Best-in-class fuel consumption.
Best-in-class low speed torque.

Rating	kW	Hp	rpm	g/kWh	l/h	IMO
P1	956	1300	1800	215	244	II
P2	1029	1400	1800	218	266	II
P2	1104	1500	1800	221	288	II

Main dimensions (mm) and dry weight (kg)

A	B	C	Weight
2411	1512	1720	3950

16M33.3 NEW

Number of cylinders	16
Bore and stroke	150 x 185 mm
Total displacement	52.3L
Engine rotation	counterclockwise
Idle speed	600 rpm
Flywheel housing	SAE 00
Flywheel	SAE 21"

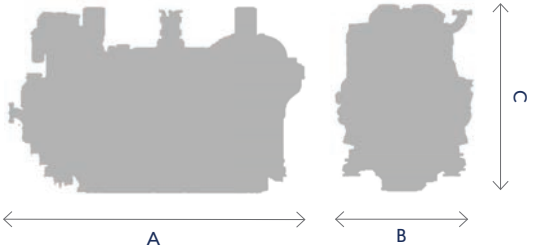
16M33.3 Series Advantages

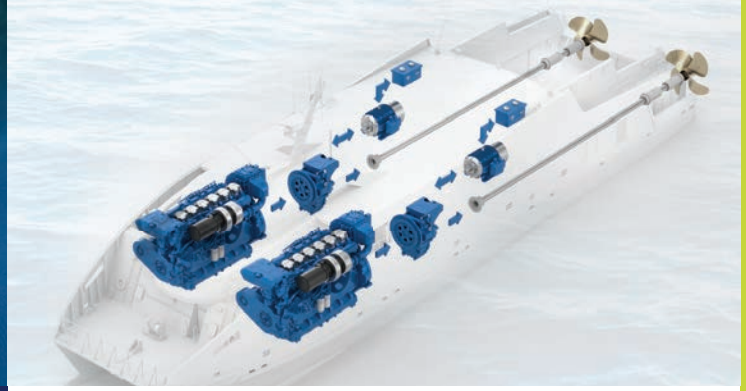
Genuine marine design.
Global environment care.
Continuous compact power.
Latest safe technology.
Life cycle cost efficiency.

Rating	kW	Hp	rpm	g/kWh	l/h	IMO
P1	1287	1750	1600	218	338	II
P1	1434	1950	1800	213	368	II
P2	1361	1850	1600	218	358	II
P2	1545	2100	1800	217	406	II

Main dimensions (mm) and dry weight (kg)

A	B	C	Weight
2945	1418	1922	6200





A COMPLETE HYBRID SYSTEM SUPPLIER

Marine has been in our DNA for over a century. Our hybrid solutions are designed for marine needs, and we are committed to supporting our partners' challenges for a greener world. From the idea to the realization, our R&D team is dedicated to partnering with you in your marine hybrid projects.

- Flexibility in power and fuel management
- Optimization of the maintenance cost
- Engine downsizing
- Across all applications: passenger, military, fishing, crew, yacht, etc.

Parallel Hybrid Configuration

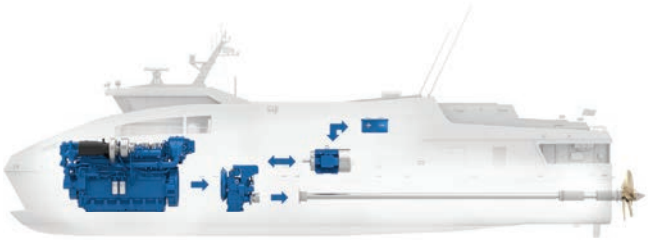
A diesel engine is connected via a clutch and gearbox to the propeller in a standard propulsion system. Also connected in parallel to the gearbox is an electric motor and battery pack, enabling the system to switch between an electric drive or a standard diesel motor.

During operation the engine can be used to recharge the batteries which are then discharged to improve overall system efficiency, reducing fuel consumption and allowing for zero-emissions running.

Series Hybrid Configuration

Utilizing onboard electrical generation systems, batteries can be charged and then discharged through the onboard electrical motors to allow for low noise and zero-emissions operation.

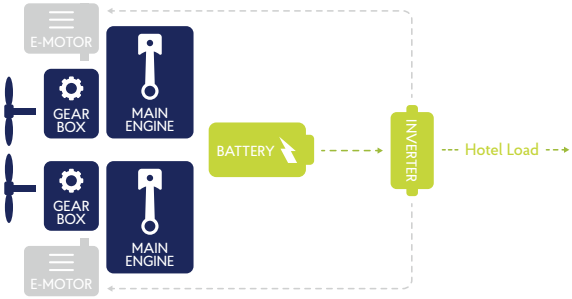
Efficiency improvements through optimal loading of the generators can improve fuel consumption, service costs, and exhaust emissions allowing reduced running hours and full electric operation.



Hybrid Modes

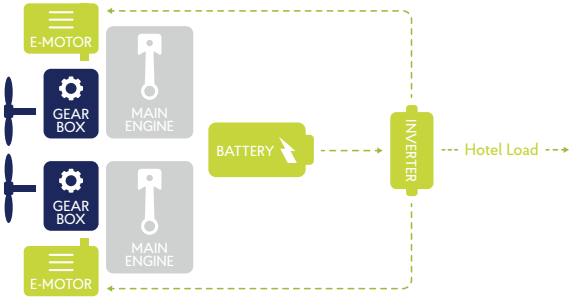
Diesel Drive Mode

- E-Motor off
- Propulsion by main engine (Diesel)
- Hotel load by main generator or battery



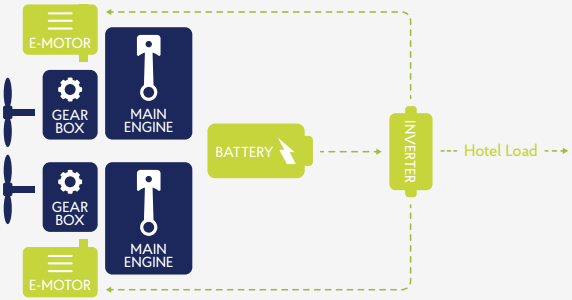
Electric Drive Mode

- Main engine (Diesel) off
- Propulsion by E-motor
- Powered by main generator or battery
- Hotel load by main generator or battery



Boost Mode

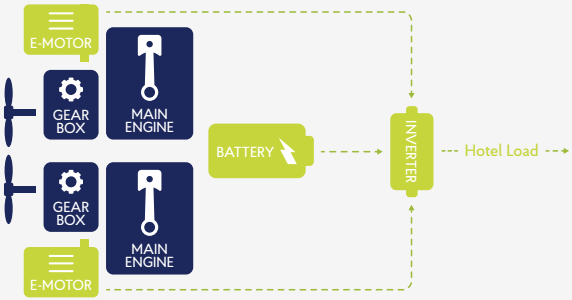
- Main engine (Diesel) on
- Main generator on
- Propulsion by E-motor and main engine (Diesel)
- Powered by main generator or battery
- Hotel load by main generator or battery



An additional generator can support the load of the battery.

Generator Mode

- Main engine (Diesel) on
- Propulsion by main engine (Diesel)
- E-motor as generator driven by main engine
- Main generator only switch on if additional load of battery or hotel load is required



An additional generator can support the load of the battery.

BAUDOUIN ADVANCED EMISSIONS TECHNOLOGY

IMO III, EPA Tier 4 and Stage V Certified

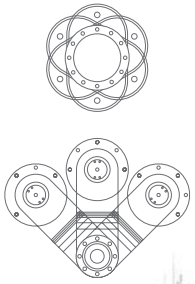
Our advanced engines deliver superior fuel economy without compromising engine power. In addition, the Baudouin SCR system is smaller, lighter and more flexible than other solutions, reducing costs and space requirements for our customers while maximizing product reliability.

Our Advanced Engines Deliver

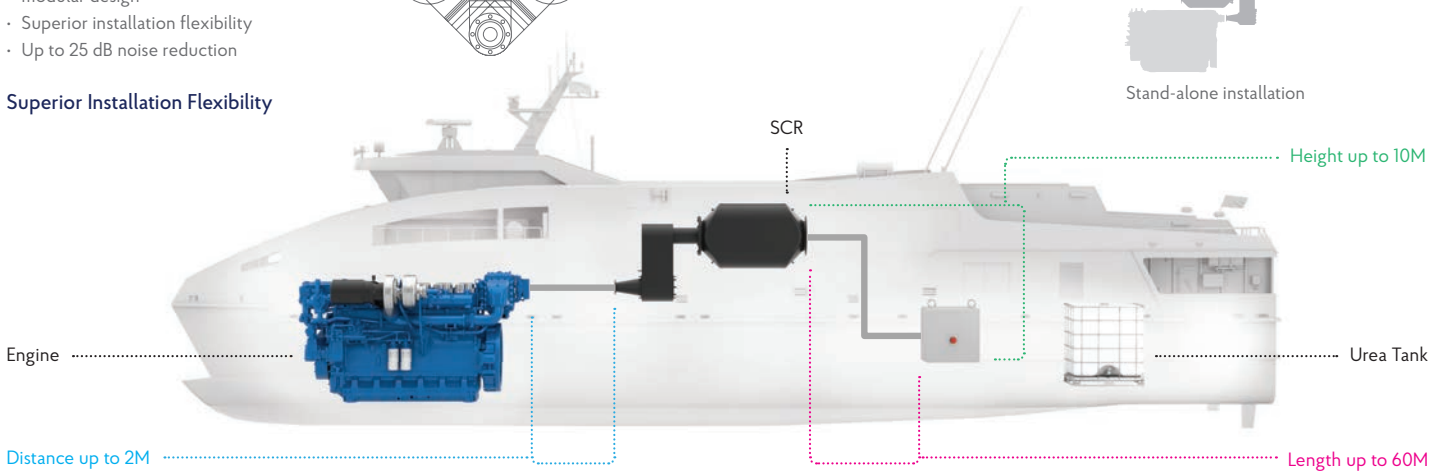
- A cleaner engine with the same power
- Up to 5% reduction in average fuel consumption
- Optimized maintenance schedule in line with the engine
- An extremely compact, modular design
- Superior installation flexibility
- Up to 25 dB noise reduction

A Dynamic Catalyst

The Baudouin SCR catalyst adapts to any vessel layout. The system can rotate 360° on its axis to allow maximum mounting flexibility. In addition, the catalyst is 1m³ in volume, one of the smallest available on the market.



Superior Installation Flexibility



6M26.3

12M26.3

A Compact, Flexible System

Designed with our customers' individual needs in mind, the compact Baudouin SCR system can be easily integrated into the propulsion line, with a variety of configurations to suit every vessel design. There is no need for the whole system to be mounted in the engine room. We can help customers create a bespoke solution for their individual vessel's layout.

Adaptable Configurations

Over-gearbox installation (typical)

Over-engine installation (typical)

Stand-alone installation

MARINE GENERATOR SETS

Baudouin offers a wide range of marine generator sets designed for use in the most extreme marine conditions. This extensive range of marine products offers a one-stop shop for marine power and control solutions.

- Mechanical injection engines simplify maintenance
- Reliability in the most extreme conditions
- Best-in-class fuel consumption
- High-efficiency alternators

4W105S

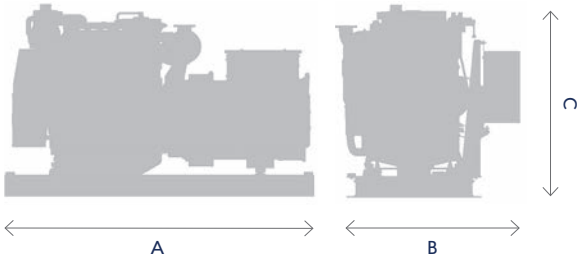
Number of cylinders	4 in line
Bore and stroke	105 x 130 mm
Total displacement	4.5L
Engine rotation	counterclockwise
Idle speed	650 rpm

Engine	Rating	Hz	kVA	kWe	rpm	g/kWh	l/h	IMO	Cooling
4W105S	PRP	50	105	84	1500	205	22	NA*	-
4W105S	PRP	60	120	96	1800	210	26	NA*	-
4W105ES	PRP	50	105	84	1500	205	22	NA*	Radiator
4W105ES	ESP	50	115	92	1500	205	24	NA*	Radiator
4W105ES	PRP	60	120	96	1800	210	26	NA*	Radiator
4W105ES	ESP	60	133	106	1800	210	29	NA*	Radiator

* Not applicable

Main dimensions (mm) and dry weight (kg)

	A	B	C	Weight
PRP - 80 KVA 50 Hz	1705	995	1012	907
PRP - Up to 100 KVA 50 Hz 125 KVA - 60 Hz	1705	995	1012	944
PRP - 105 KVA - 60 Hz	1774	995	1012	980



6W105S

Number of cylinders	6 in line
Bore and stroke	105 x 130 mm
Total displacement	6.7L
Engine rotation	counterclockwise
Idle speed	650 rpm

6W105S Advantages

Continuous compact power with reference performances in its category.
Easy service with accesible components and unit cylinder heads.
Simple technology with common rail injection.
Life cycle cost efficiency with extended MTBO (Mean time between overhauls).

Engine	Rating	Hz	kVA	kWe	rpm	g/kWh	l/h	IMO	Cooling
6W105S	PRP	50	150	120	1500	205	31	II	-
6W105S	PRP	60	170	136	1800	210	36	II	-
6W105ES	PRP	50	155	124	1500	205	31	NA*	Radiator
6W105ES	ESP	50	155	124	1500	205	34	NA*	Radiator
6W105ES	PRP	60	155	148	1800	210	36	NA*	Radiator
6W105ES	ESP	60	185	148	1800	210	40	NA*	Radiator

* Not applicable
Other power ratings are available on request.

Main dimensions (mm) and dry weight (kg)

	A	B	C	Weight
PRP - 125 - 135 KVA	1997	1044	1120	1231
PRP - 150 - 170 KVA	2031	1044	1120	1266

6M16

Number of cylinders	6 in line
Bore and stroke	126 x 130 mm
Total displacement	9.7L
Engine rotation	counterclockwise
Idle speed	600 rpm

6M16 Advantages

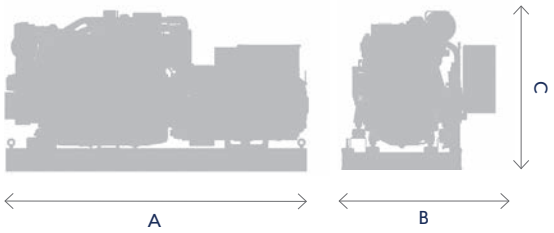
Continuous compact power with reference performances in its category.
Easy service with accesible components and unit cylinder heads.
Simple technology with mechanical injection.
Life cycle cost efficiency with extended MTBO (Mean time between overhauls).

Rating	Hz	kVA	kWe	rpm	g/kWh	l/h	IMO
PRP	50	240	192	1500	200	49	II
PRP	60	260	208	1800	211	56	II

Other power ratings are available on request.

Main dimensions (mm) and dry weight (kg)

A	B	C	Weight
2408	1224	1275	1803 (1958 for 240 KVA - 50Hz)



6W126S

Number of cylinders	6 in line
Bore and stroke	126 x 155 mm
Total displacement	11.6L
Engine rotation	counterclockwise
Idle speed	600 rpm

6W126S Advantages

Continuous compact power with reference performances in its category.
Easy service with accesible components and unit cylinder heads.
Simple technology with mechanical injection.
Life cycle cost efficiency with extended MTBO (Mean time between overhauls).

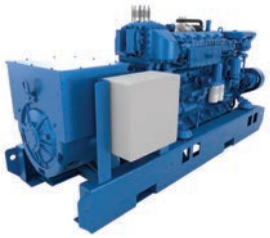
Rating	Hz	kVA	kWe	rpm	g/kWh	l/h	IMO
PRP	50	330	264	1500	198	68	II
PRP	60	350	280	1800	205	73	II

Other power ratings are available on request.

Main dimensions (mm) and dry weight (kg)

	A	B	C	Weight
340 KVA @ 50 Hz 350 KVA @ 60 Hz	2607	1156	1390	2402

6M26.3



Number of cylinders	6 in line
Bore and stroke	150 x 185 mm
Total displacement	15.9L
Engine rotation	counterclockwise
Idle speed	650 rpm
Common-rail injection	

6M26.3 Advantages

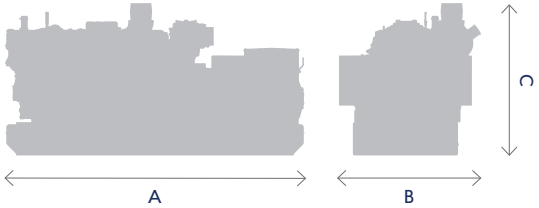
Genuine marine design with simple solutions, routine maintenance front area and engine block inspection hatches.
Continuous compact power with reference performances in its category.
Global environment care with low exhaust emissions, noise reduction and controlled fuel consumption at any running cycle.
Latest safe technology including electronic injection dynamic redundancy, high efficient ball bearing turbocharger, integrated circuits with 0 flexible hoses, and more.
Life cycle cost efficiency with extended MTBO, modular concept reducing number of components and interfaces.

Rating	Hz	kVA	kWe	rpm	g/kWh	l/h	IMO	EPA
PRP	50	520	416	1500	195	103	II	3
PRP	60	590	472	1800	198	119	II	3

Other power ratings are available on request.

Main dimensions (mm) and dry weight (kg)

	A	B	C	Weight
520 KVA @ 50 Hz	3003	1428	1534	3769
590 KVA @ 60 Hz	3003	1428	1534	3637



6M26.3 IMO 3 | EPA 4 / Stage V

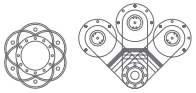
Number of cylinders	6 in line
Bore and stroke	150 x 185 mm
Total displacement	15.9L
Engine rotation	counterclockwise
Idle speed	650 rpm
Common-rail injection	

6M26.3 Advantages

Continuous compact power with reference performances in its category.
Easy service with accesible components and unit cylinder heads.
Simple technology with common rail injection.
Life cycle cost efficiency with extended MTBO (Mean time between overhauls).

Adaptable configuration available:

Over Gearbox, Over Engine & Stand Alone.
360 degrees rotatable axis to allow maximum flexibility.
SCR is also available as a standalone product.
See pages 32 & 33 for more information.

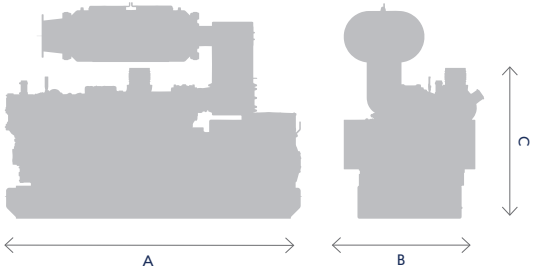


Rating	Hz	kVA	kWe	rpm	g/kWh	l/h	IMO	EPA	Stage V
PRP	50	520	416	1500	204	107	III	4	✓
PRP	60	590	472	1800	202	121	III	4	✓

Other power ratings are available on request.

Main dimensions (mm) and dry weight (kg)

	A	B	C	Weight
520 KVA @ 50 Hz	3003	1428	1992	3960
590 KVA @ 60 Hz	3003	1428	1992	3828



6M33.2

Number of Cylinders	6 in line
Bore and Stroke	150 x 185 mm
Total displacement	19.6L
Engine rotation	counterclockwise
Idle speed	650 rpm

6M33.2 Advantages

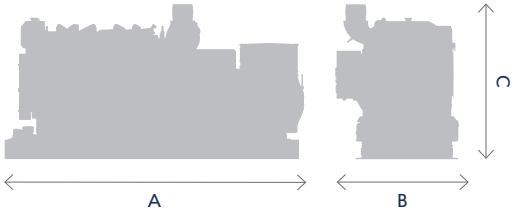
Genuine marine design with simple solutions, easy routine maintenance and engine block inspection hatches.
Global environment care with low exhaust emissions and controlled fuel consumption at any running cycle.
Simple technology with mechanical injection.
Life cycle cost efficiency with extended mean time between overhauls (MBTO).

Rating	Hz	kVA	kWe	rpm	g/kWh	l/h	IMO
PRP	50	590	472	1500	198	118	II
PRP	60	650	520	1800	221	145	II

Other power ratings are available on request.

Main dimensions (mm) and dry weight (kg)

	A	B	C	Weight
590 KVA @ 50 Hz	3156.5	1279	1629	4186
650 KVA @ 60 Hz	3076	1279	1629	4082



12M26.2

Number of cylinders	12V @ 90°
Bore and stroke	150 x 150 mm
Total displacement	31.8L
Engine rotation	counterclockwise
Idle speed	700 rpm

12M26.2 Advantages

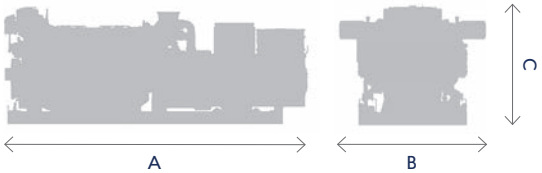
Genuine marine design with simple solutions, easy routine maintenance and engine block inspection hatches.
Global environment care with low exhaust emissions and controlled fuel consumption at any running cycle.
Simple technology with mechanical injection.
Life cycle cost efficiency with extended mean time between overhauls (MBTO).

Rating	Hz	kVA	kWe	rpm	g/kWh	l/h	IMO
PRP	50	1050	840	1500	209	218	II
PRP	60	1100	880	1800	211	232	II

Other power ratings are available on request.

Main dimensions (mm) and dry weight (kg)

	A	B	C	Weight
1050 KVA 50 Hz	3933	1550	1495	6500



12M26.3

Number of cylinders	12V @ 90°
Bore and stroke	150 x 150 mm
Total displacement	31.8L
Engine rotation	counterclockwise
Idle speed	650 rpm
Common-rail injection	

12M26.3 Advantages

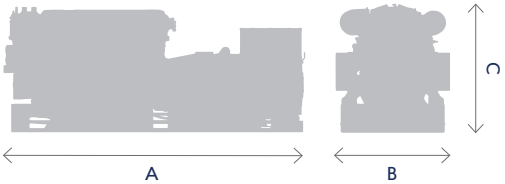
Continuous compact power with reference performances in its category.
Easy service with accesible components and unit cylinder heads.
Simple technology with mechanical injection.
Life cycle cost efficiency with extended MTBO (Mean time between overhauls).

Rating	Hz	kVA	kWe	rpm	g/kWh	l/h	IMO	EPA
PRP	50	1050	840	1500	210	221	II	3
PRP	60	1195	954	1800	204	243	II	3

Other power ratings are available on request.

Main dimensions (mm) and dry weight (kg)

A	B	C	Weight
3991	1478	1662	6400



12M26.3 IMO 3 | EPA 4 / Stage V

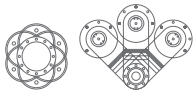
Number of cylinders	12V @ 90°
Bore and stroke	150 x 150 mm
Total displacement	31.8L
Engine rotation	counterclockwise
Idle speed	650 rpm
Common-rail injection	

12M26.3 Advantages

Continuous compact power with reference performances in its category.
Easy service with accesible components and unit cylinder heads.
Simple technology with common rail injection.
Life cycle cost efficiency with extended MTBO (Mean time between overhauls).

Adaptable configuration available:

Over Gearbox, Over Engine & Stand Alone.
360 degrees rotatable axis to allow maximum flexibility.
SCR is also available as a standalone product.
See pages 32 & 33 for more information.

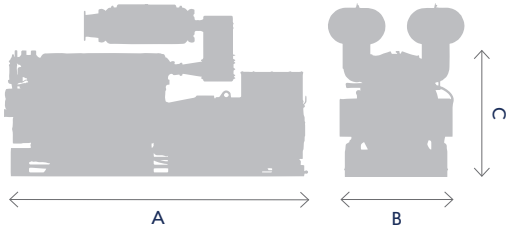


Rating	Hz	kVA	kWe	rpm	g/kWh	l/h	IMO	EPA	Stage V
PRP	50	1050	840	1500	210	221	III	4	✓
PRP	60	1195	954	1800	204	243	III	4	✓

Other power ratings are available on request.

Main dimensions (mm) and dry weight (kg)

A	B	C	Weight
3991	1782	2300	6790



12M33.2

Number of cylinders	12V @ 90°
Bore and stroke	150 x 185 mm
Total displacement	39.2L
Engine rotation	counterclockwise
Idle speed	650 rpm

12M33.2 Advantages

Genuine marine design with simple solutions, easy routine maintenance and engine block inspection hatches.
Global environment care with low exhaust emissions and controlled fuel consumption at any running cycle.
Simple technology with mechanical injection.
Life cycle cost effi ciency with extended mean time between overhauls (MBTO).

Rating	Hz	kVA	kWe	rpm	g/kWh	l/h	IMO
PRP	50	1190	952	1500	206	245	II
PRP	60	1320	1056	1800	210	275	II

Other power ratings are available on request.

Main dimensions (mm) and dry weight (kg)

	A	B	C	Weight
1190 KVA @ 50 Hz	3670	1820	1855	7300
1320 KVA @ 60 Hz	3670	1820	1855	7300

MARINE AUXILIARY ENGINES

- Best in Class fuel consumption and mean time between overhaul
- Design optimized for maintenance simplicity
- Reliability in the most extreme conditions
- Genuine Marine Design

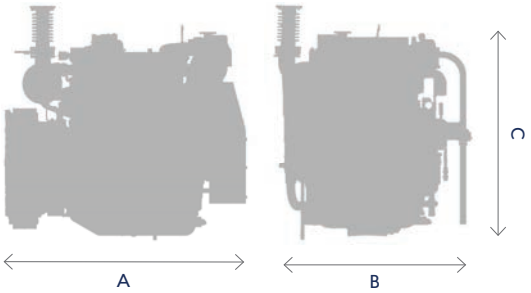
4W105S

Number of cylinders	4 in line
Bore and stroke	105 x 130 mm
Total displacement	4.5L
Engine rotation	counterclockwise
Idle speed	650 rpm
Flywheel housing	SAE 3
Flywheel	SAE 11.5"

kW (PRP)	Hp	rpm	g/kWh	l/h	IMO
90	102	1500	194	17	NA
104	125	1800	198	22	NA

Main dimensions (mm) and dry weight (kg)

A	B	C	Weight
985	821	990	650



NA: Not applicable C1: Variable speed D2: Fixed speed

6W105S

Number of cylinders	6 in line
Bore and stroke	105 x 130 mm
Total displacement	6.7L
Engine rotation	counterclockwise
Idle speed	650 rpm
Flywheel housing	SAE 3
Flywheel	SAE 11.5"

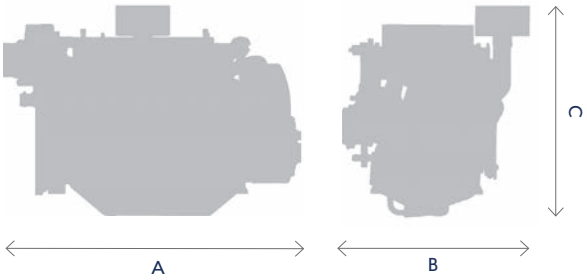
6W105S Advantages

Continuous compact power with reference performances in its category.
Easy service with accesible components and unit cylinder heads.
Simple technology with common rail injection.
Life cycle cost efficiency with extended MTBO (Mean time between overhauls).

kW (PRP)	Hp	rpm	g/kWh	l/h	IMO
129	175	1500	193	30	NA
145	197	1800	204	35	II (C1-D2)

Main dimensions (mm) and dry weight (kg)

A	B	C	Weight
1417	885	1-76	810



6M16

Number of cylinders	6 in line
Bore and stroke	126 x 130 mm
Total displacement	9.7L
Engine rotation	counterclockwise
Idle speed	600 rpm
Flywheel housing	SAE 1
Flywheel	SAE 14"

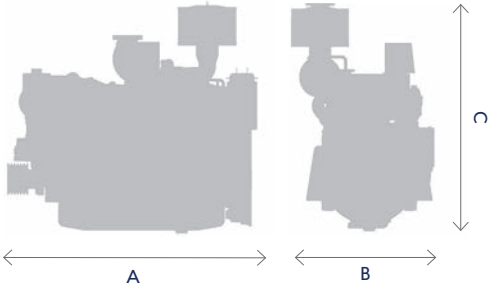
6M16 Advantages

Continuous compact power with reference performances in its category.
Easy service with accesible components and unit cylinder heads.
Simple technology with common rail injection.
Life cycle cost efficiency with extended MTBO (Mean time between overhauls).

kW (PRP)	Hp	rpm	g/kWh	l/h	IMO
205	279	1500	200	49	II
223	303	1800	211	56	II

Main dimensions (mm) and dry weight (kg)

A	B	C	Weight
1514	878	1381	1056



NA: Not applicable C1: Variable speed D2: Fixed speed

6W126S

Number of cylinders	6 in line
Bore and stroke	126 x 155 mm
Total displacement	11.6L
Engine rotation	counterclockwise
Idle speed	600 rpm
Flywheel housing	SAE 1
Flywheel	SAE 14"

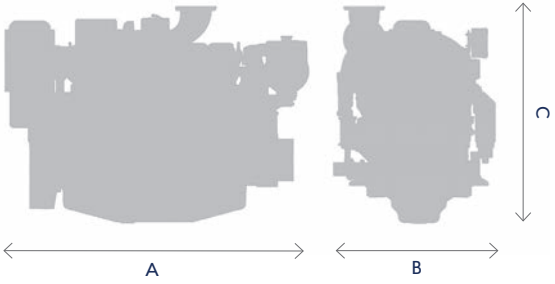
6W126S Advantages

Continuous compact power with reference performances in its category.
Easy service with accesible components and unit cylinder heads.
Simple technology with mechanical injection.
Life cycle cost efficiency with extended MTBO (Mean time between overhauls).

kW (PRP)	Hp	rpm	g/kWh	l/h	IMO
290	394	1500	198	68	II (C1-D2)
300	408	1800	199	70	II (C1-D2)

Main dimensions (mm) and dry weight (kg)

A	B	C	Weight
1695	883	1128	1285



NA: Not applicable C1: Variable speed D2: Fixed speed

6M26.3

Number of cylinders	6 in line
Bore and stroke	150 x 150 mm
Total displacement	15.9L
Engine rotation	counterclockwise
Idle speed	650 rpm
Flywheel housing	SAE 1
Flywheel	SAE 14"

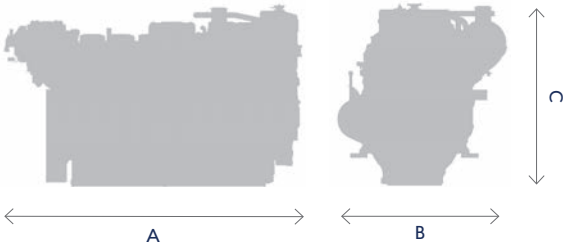
6M26.3 Advantages

Continuous compact power with reference performances in its category.
Easy service with accessible components and unit cylinder heads.
Simple technology with mechanical injection.
Life cycle cost efficiency with extended MTBO (Mean time between overhauls).

kW (PRP)	Hp	rpm	g/kWh	l/h	IMO	EPA
441	600	1500	197	103	II	3
485	660	1800	207	119	II	-

Main dimensions (mm) and dry weight (kg)

A	B	C	Weight
2103	1172	1196	1985



NA: Not applicable C1: Variable speed D2: Fixed speed

6M26.3 IMO 3 | EPA 4 / Stage V

Number of cylinders	6 in line
Bore and stroke	150 x 150 mm
Total displacement	15.9L
Engine rotation	counterclockwise
Idle speed	650 rpm
Flywheel housing	SAE 1
Flywheel	SAE 14"

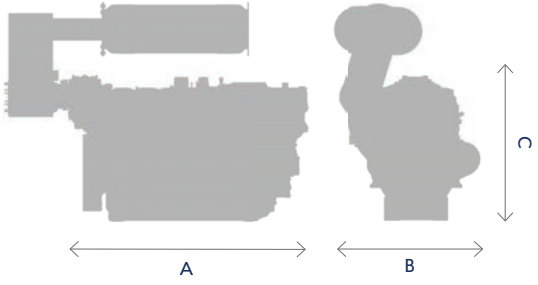
6M26.3 Advantages

Continuous compact power with reference performances in its category.
Easy service with accessible components and unit cylinder heads.
Simple technology with mechanical injection.
Life cycle cost efficiency with extended MTBO (Mean time between overhauls).

kW (PRP)	Hp	rpm	g/kWh	l/h	IMO	EPA	Stage V
441	600	1500	197	103	III (D2)	4 (D2)	✓ (D2)
485	660	1800	207	119	III (D2)	-	✓ (D2)

Main dimensions (mm) and dry weight (kg)

A	B	C	Weight
2103	1172	1196	1985



6M33.2

Number of cylinders	6
Bore and stroke	150 x 185 mm
Total displacement	19.6L
Engine rotation	counterclockwise
Idle speed	650 rpm
Flywheel housing	SAE 1
Flywheel	SAE 14"

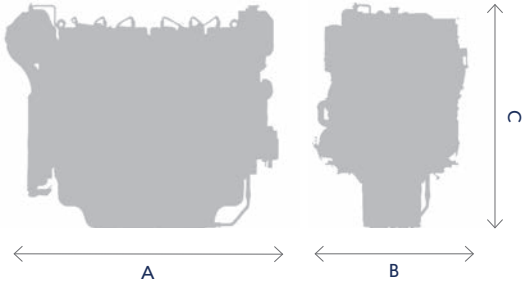
6M33.2 Advantages

Continuous compact power with reference performances in its category.
Easy service with accessible components and unit cylinder heads.
Simple technology with mechanical injection.
Life cycle cost efficiency with extended MTBO (Mean time between overhauls).

kW (PRP)	Hp	rpm	g/kWh	l/h	IMO
500	691	1500	198	118	II
552	760	1800	221	145	II

Main dimensions (mm) and dry weight (kg)

A	B	C	Weight
1870	1138	1417	2390



NA: Not applicable C1: Variable speed D2: Fixed speed

12M26.2

Number of cylinders	12 V @ 90°
Bore and stroke	150 x 150 mm
Total displacement	31.8L
Engine rotation	counterclockwise
Idle speed	700 rpm
Flywheel housing	SAE 0
Flywheel	SAE 18"

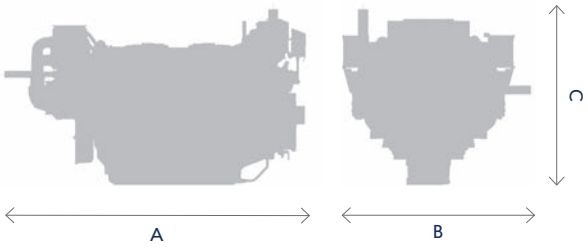
12M26.2 Advantages

Continuous compact power with reference performances in its category.
Easy service with accesible components and unit cylinder heads.
Simple technology with mechanical injection.
Life cycle cost efficiency with extended MTBO (Mean time between overhauls).

kW (PRP)	Hp	rpm	g/kWh	l/h	IMO
710	965	1500	196	165	II (C1)
736	1000	1800	199	174	II (C1)
880	1197	1500	209	281	II (D2)
920	1251	1800	212	232	II (D2)

Main dimensions (mm) and dry weight (kg)

A	B	C	Weight
2446	1355	1419	3400



NA: Not applicable C1: Variable speed D2: Fixed speed

12M26.3

Number of cylinders	12 V @ 90°
Bore and stroke	150 x 150 mm
Total displacement	31.8L
Engine rotation	counterclockwise
Idle speed	650 rpm
Flywheel housing	SAE 0
Flywheel	SAE 18"

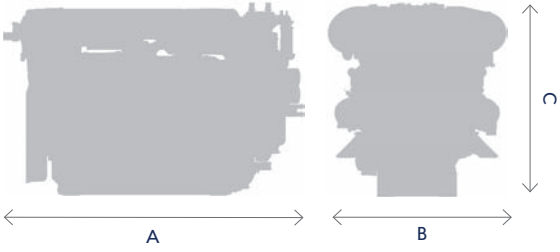
12M26.3 Advantages

Continuous compact power with reference performances in its category.
Easy service with accessible components and unit cylinder heads.
Simple technology with mechanical injection.
Life cycle cost efficiency with extended MTBO (Mean time between overhauls).

kW (PRP)	Hp	rpm	g/kWh	l/h	IMO	EPA
882	1200	1500	197	207	II	3
970	1320	1800	201	232	II	3

Main dimensions (mm) and dry weight (kg)

A	B	C	Weight
2333	1350	1494	3300



NA: Not applicable C1: Variable speed D2: Fixed speed

12M26.3 IMO 3 | EPA 4 / Stage V

Number of cylinders	12 V @ 90°
Bore and stroke	150 x 150 mm
Total displacement	31.8L
Engine rotation	counterclockwise
Idle speed	650 rpm
Flywheel housing	SAE 0
Flywheel	SAE 18"

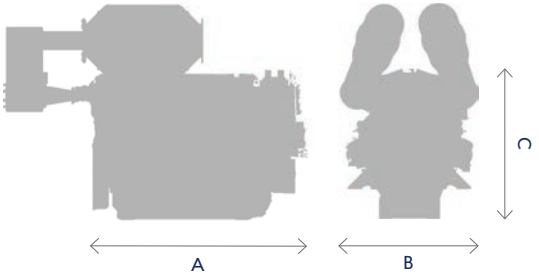
12M26.3 Advantages

Continuous compact power with reference performances in its category.
Easy service with accessible components and unit cylinder heads.
Simple technology with mechanical injection.
Life cycle cost efficiency with extended MTBO (Mean time between overhauls).

kW (PRP)	Hp	rpm	g/kWh	l/h	IMO	EPA	Stage V
882	1200	1500	197	207	III (D2)	4 (D2)	✓ (D2)
970	1320	1800	201	232	III (D2)	4 (D2)	✓ (D2)

Main dimensions (mm) and dry weight (kg)

A	B	C	Weight
2333	1350	1494	3300



NA: Not applicable C1: Variable speed D2: Fixed speed

12M33.2

Number of cylinders	12 V @ 90°
Bore and stroke	150 x 150 mm
Total displacement	31.8L
Engine rotation	counterclockwise
Idle speed	650 rpm
Flywheel housing	SAE 0
Flywheel	SAE 18"

12M33.2 Advantages

Continuous compact power with reference performances in its category.
Easy service with accessible components and unit cylinder heads.
Simple technology with mechanical injection.
Life cycle cost efficiency with extended MTBO (Mean time between overhauls).

kW (PRP)	Hp	rpm	g/kWh	l/h	IMO
1000	1360	1500	206	245	II (C1)
1104	1500	1800	210	275	II (C1)

Main dimensions (mm) and dry weight (kg)

A	B	C	Weight
2210	1467	1568	3900

NA: Not applicable C1: Variable speed D2: Fixed speed

MARINE ACCESSORIES:
MARINE CONTROL & MONITORING SOLUTIONS

Moteurs Baudouin provides the full spectrum of marine accessories by developing a wide range of integrated control and monitoring solutions in flexible configurations to meet the needs of every application. From the most economical and simple system, to complex and interfaced solutions, each product is supplemented with modular customization features.

Mini

The MINI control system is a simple controller that provides safety management as well as engine and gearbox parameter information. MINI is particularly adapted to smaller vessels and simple installations.

Main features

- 3 lines digital parameters display
- Engine start /stop
- Emergency stop
- Buzzer
- Override
- Dimmer

Eco

The ECO control system is the non-classified application highly flexible solution. Including up to two control stations ECO can also communicate with various ship management systems via modbus.

Main features

- 12 inch touch screen
- Engine start /stop
- Emergency stop
- Buzzer
- Override
- Light on/off
- Engine room panel with monochrome display
- Up to 80 m wiring with bridge station
- Up to 17 alarms

Options

- Upto 2 Bridge slave station
- Engine electrical prelube pump*
- Electronic speed & clutch control lever
- Communication interface
- Check option availability with your Distributor

* Options depend on the engine platform

Master

The MASTER control system is the ultimate control and monitoring solution. With up to five possible stations, modbus communication interface within a comprehensive option list, MASTER is typically designed for high project customization level or more complex installations. TAC available.

Options

- Up to 4 bridge slave stations
- Remote alarm panel
- Engine electrical prelube pump
- Fresh water preheater
- Electronic speed & clutch control lever
- Communication interface
- Check option availability with your Distributor

Main features

- 12 inch bridge color display (propulsion)
- Engine start /stop
- Emergency stop
- Buzzer
- Override
- Light on/off
- Engine room cabinet with monochrome display
- Local/remote control switch
- Up to 80 m wiring with bridge station
- Up to 27 alarms

	Propulsion			Generator Set		Auxiliary		
	Mini	Eco	Master	Maxi*	Master	Mini	Eco	Master
4 W105				■	■	□	□	□
6 W105	■	■	■	■	■	□	□	□
6 W126	■	■	■	■	■	□	□	□
6 M16	■	■	■	■	■	□	□	□
M26.2		■	■	■	■		□	□
M26.3		■	■	■	■		□	□
M33.2		■	■	■	■		□	□

** MAXI control system is the standard version.*

Throttle Controls

A full range of solutions

Features

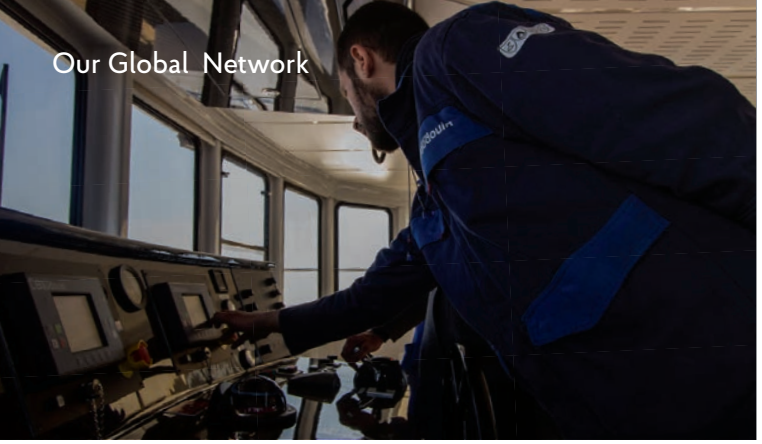
- Mono lever / bilever controls
- Mechanical / Electronic engine compatibility
- Mechanical / Electronic gear box compatibility
- Classified applications
- Multiple Stations, up to 4
- Gear box control

Electronic
Non-certified

Mechanical

Electronic
Certified

Mechanical



Our Global Network

Products

- Propulsion Engines
- Marine Gensets
- Gearboxes
- Throttles
- Controls

Genuine Spare Parts

- Genuine Spare Parts For Guaranteed Performance
- 50,000 References Held In Stock
- Shipped In 24 Hours
- Best-In-Class Spare Parts Warranty Terms

Service

- 300+ Global Service Partners
- Factory Trained Technicians
- Best-In-Class Warranty Terms

Warranty Terms

12 Months (extendable to 18 months)

With over 300 service points, our distributors are experts in finding you the right solution based on your location, application and emissions requirements.

The technicians in our network are factory-trained and ready to support you. To find your local distributor, please visit our website Baudouin.com

Your Notes

Scan to view this product guide online.
Other power ratings are available on request.

Moteurs Baudouin

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