

Marine Product Guide

 **MOTEURS**
Baudouin



Company Description

For nearly 100 years, Société 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.

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:

- American Bureau of Shipping (ABS)
- Bureau Veritas (BV)
- China Classification Society (CCS)
- Det Norske Veritas (DNV)
- Germanischer Lloyd (GL)
- Korean Register of Shipping (KRS)
- Lloyd's Register (LR)
- Register Italiano Navale (RINA)
- Russian River Register (RRR)
- Turkish Lloyd (TL)
- Russian Maritime Register of Shipping (RMRS)



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ISO 9001

BUREAU VERITAS
Certification



Certificat n° : FR035285-1

Affaire n° : 7005201

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 NO_x 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 NO_x limits allowed are engine speed-dependent.

Tier	Date	NO _x limit (g/kW.h)		
		n* < 130	130 ≤ n ≤ 2000	n ≥ 2000
Tier I	2000	17	45 x n ⁻⁰²	9.8
Tier II	2011	14.4	44 x n ⁻⁰²³	7.7
Tier III	2016	3.4	9 x n ⁻⁰²	2.0

n* : rpm

Commercial Craft Directive 97/68/EC (EU Stage IIIA)

The directive regulates exhaust emissions from various mobile machinery in the European Community (EC) area. After January 1, 2007, this directive covered all propulsion and auxiliary engines used aboard inland waterway vessels. The directive contains a phased implementation based upon per cylinder displacement and application of the subject engine.

Stage III A standard for inland waterway vessels

Category	Displacement (D) dm ³ per cylinder	Date	CO	NO _x + HC g/kWh	PM
V1:1	D ≤ 0.9, P > 37 kW	2007.01	5	7.5	0.4
V1:2	0.9 < D ≤ 1.2		5	7.2	0.3
V1:3	1.2 < D ≤ 2.5		5	7.2	0.2
V1:4	2.5 < D ≤ 5		5	7.2	0.2
V2:1	5 < D ≤ 15	2009.01	5	7.8	0.27
V2:2	15 < D ≤ 20, P ≤ 3300 kW		5	8.7	0.5
V2:3	15 < D ≤ 20, P > 3300 kW		5	9.8	0.5
V2:4	20 < D ≤ 25		5	9.8	0.5
V2:5	25 < D ≤ 30		5	11	0.5

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.

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

Fuel oil

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

Ambient temperature	45 °C
Raw water temperature	32 °C

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

Propulsion engines

Power class

Definition

P1	Continuous duty	Unrestricted continuous with full load 80 to 100% load factor Operating time from 5000 to 7000 hrs/year
P2	Heavy duty	Continuous with load variation 30 to 80% load factor Operating time from 3000 to 5000 hrs/year
P3	Intermittent duty	Intermittent with important load variation 50% load factor Operating time from 1000 to 3000 hrs/year
P4	Light duty	High performance with very important load variation 30% load factor Operating time less than 1000 hrs/year

Generator sets and auxiliary engines

Power class

Definition

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
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PRODUCTS LISTING

Marine propulsion engines

kW	HP	RPM	Engine model	Rating	Page
95	130	2100	4 W105M	P2	10
136	185	2100	6 W105M	P2	11
168	228	2425	6 W105M	P3	11
185	252	2500	6 W105M	P4	11
264	360	2100	6 M16	P2	12
294	400	1800	6 W126M	P1	13
331	450	1800	6 M19.3	P1	14
331	450	1800	6 M26.2	P1	15
331	450	2100	6 W126M	P2	13
368	500	1800	6 M26.2	P1	15
368	500	2100	6 M19.3	P2	14
404	550	1900	6 M26.2	P2	15
404	550	2100	6 M19.3	P3	14
425	578	2200	6 M19.3	P4	14
441	600	1800	6 M26.3	P1	20
441	600	1950	6 M26.2	P2	15
478	650	1800	6 M33.2	P1	18
485	660	1800	6 M26.3	P2	20
491	668	1800	8 M26.2	P1	16
515	700	1800	6 M33.2	P1	18
515	700	2000	6 M26.3	P2	20
539	733	1900	8 M26.2	P2	16
551	750	1800	6 M33.2	P2	18
551	750	2100	6 M26.3	P2	20
588	800	1950	8 M26.2	P2	16
599	815	2100	6 M26.3	P3	20
662	900	1800	12 M26.2	P1	17
736	1000	1800	12 M26.2	P1	17
808	1100	1900	12 M26.2	P2	17
883	1200	1800	12 M26.3	P1	21
883	1200	1950	12 M26.2	P2	17
956	1300	1800	12 M33.2	P1	19
970	1320	1800	12 M26.3	P2	21
1029	1400	1800	12 M33.2	P1	19
1030	1400	2100	12 M26.3	P2	21
1103	1500	1800	12 M33.2	P2	19
1104	1500	2200	12 M26.3	P2	21
1214	1650	2300	12 M26.3	P3	21

Marine generator sets PRP ratings

kWe	RPM	Genset model	Page
68	1500	4 W105S	23
84	1800	4 W105S	23
120	1500	6 W105S	24
136	1800	6 W105S	24
272	1500	6 W126S	25
280	1800	6 W126S	25
320	1500	6 M19.3	26
360	1800	6 M19.3	26
416	1500	6 M26.2	27
436	1800	6 M26.2	27
836	1500	12 M26.2	28
872	1800	12 M26.2	28

Auxiliary marine engines PRP ratings

kW	RPM	Engine model	Page
75	1500	4 W105S	30
92	1800	4 W105S	30
129	1500	6 W105S	31
145	1800	6 W105S	31
290	1500	6 W126S	32
295	1800	6 W126S	32
315	1500	6 M19.3	33
330	1500	6 M19.3	33
380	1800	6 M19.3	33
355	1500	6 M26.2	34
368	1800	6 M26.2	34
440	1500	6 M26.2	34
460	1800	6 M26.2	34
441	1800	6 M26.3	37
485	1800	6 M26.3	37
473	1500	8 M26.2	35
491	1800	8 M26.2	35
710	1500	12 M26.2	36
736	1800	12 M26.2	36
880	1500	12 M26.2	36
920	1800	12 M26.2	36
882	1800	12 M26.3	38
970	1800	12 M26.3	38

PRODUCT DESIGNATION

W Series	# Cylinders	Engine Spec	Bore	(M) Marine (S) Generator Set / Auxiliary
	4	W	105	M
M Series	6	M	19	.3
	# Cylinders	Engine Spec	Unit Displacement	≤ .2 Mechanical .3 Electronic

Common conversions

Power

1 kW = 1.36 metric HP

1 kW = 1.341 BHP

1 BHP = 1.014 metric HP

Torque

1 Nm = 0.102 mkg

1 Nm = 0.74 lb ft

Nm = kW*9549 / rpm

Specific fuel oil consumption (SFOC)

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

Energy

1 cal = 4.187 J

Length

1 cm = 0.3937 in

1 m = 3.28 ft

1 naut. mile = 1.853 km

1 mile = 1.609 km

Pressure

1 mm Hg = 1.333 mbar

1mm H₂O = 0.981 mbar

1 mbar = 100 Pa

1 bar = 14.50 psi

Mass

1 g = 0.035 oz

1 kg = 2.2 lb

1 metric ton = 1.1 short ton

Volume

1L = 0.26 gallon (US)

1L = 0.21 gallon (UK)

1L = 61.02 in³

Temperature

1°C = (1°F-32)/1.8

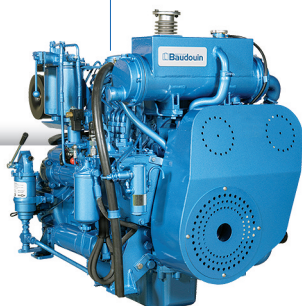


MARINE PROPULSION ENGINES

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

4 W105M

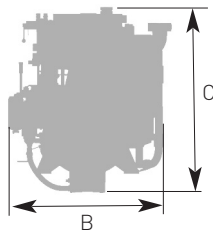
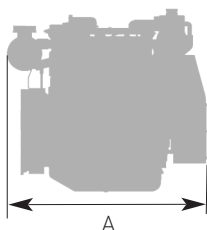
Number of cylinders	4 in line
Bore and stroke	105 x 130 mm
Total displacement	4.5 L
Engine rotation	counterclockwise
Idle speed	650 rpm
Flywheel housing	SAE 3
Flywheel	SAE 11.5"



Rating	kW	Hp	rpm	g/kWh	l/h
P2	95	130	2100	214	24

Main dimensions and weight (mm/kg)

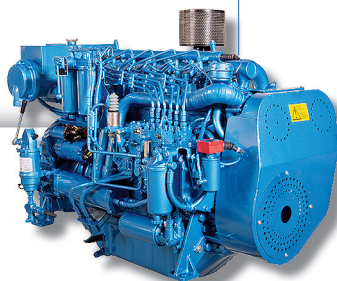
A	B	C	Weight
985	821	650	650



6 W105M

Number of cylinders	6 in line
Bore and stroke	105 x 130 mm
Total displacement	6.75 L
Engine rotation	counterclockwise
Idle speed	650 rpm
Flywheel housing	SAE 3
Flywheel	SAE 11.5"

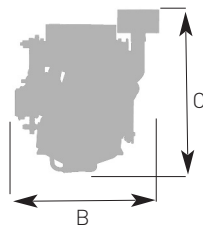
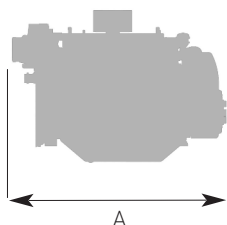
Marine propulsion engines



Rating	kW	Hp	rpm	g/kWh	I/h	IMO
P2	136	185	2100	211	34	II
P3	168	228	2425	216	43	II
P4	185	252	2500	226	50	-

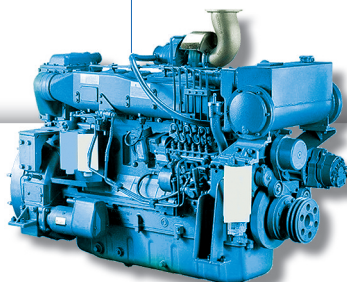
Main dimensions and weight (mm/kg)

A	B	C	Weight
1417	885	1076	810



6 M16

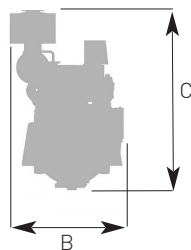
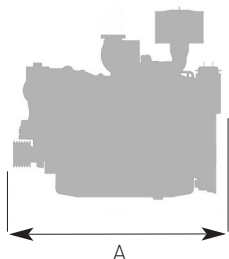
Number of cylinders	6 in line
Bore and stroke	126 x 130 mm
Total displacement	9.70 L
Engine rotation	counterclockwise
Idle speed	650 rpm
Flywheel housing	SAE 1
Flywheel	SAE 14"



Rating	kW	Hp	rpm	g/kWh	l/h	IMO
P2	264	360	2100	210	66	II

Main dimensions and weight (mm/kg)

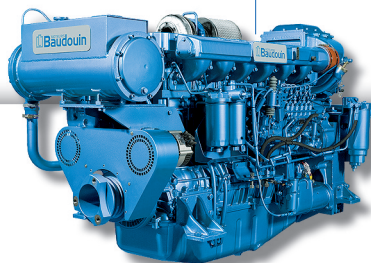
A	B	C	Weight
1514	878	1381	1056



6 W126M

Number of cylinders	6 in line
Bore and stroke	126 x 155 mm
Total displacement	11.60 L
Engine rotation	counterclockwise
Idle speed	600 rpm
Flywheel housing	SAE 1
Flywheel	SAE 14"

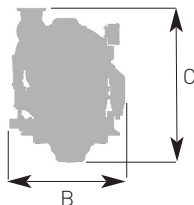
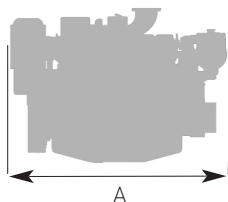
Marine propulsion engines



Rating	kW	Hp	rpm	g/kWh	l/h	IMO	CCNR	CE97/68
P1	294	400	1800	200	70	II	II	IIIA
P2	331	450	2100	210	83	II	II	IIIA

Main dimensions and weight (mm/kg)

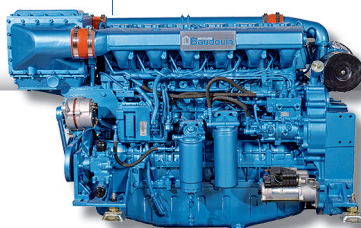
A	B	C	Weight
1695	883	1128	1200



6 M19.3

Number of cylinders	6 in line
Bore and stroke	126 x 155 mm
Total displacement	11.60 L
Engine rotation	counterclockwise
Idle speed	600 rpm
Flywheel housing	SAE 1
Flywheel	SAE 14"

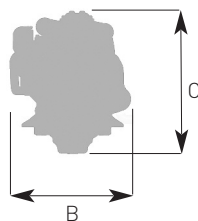
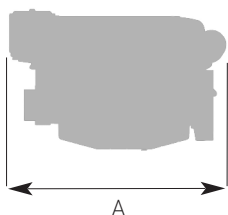
Common-rail injection



Rating	kW	Hp	rpm	g/kWh	I/h	IMO	CCNR	CE97/68
P1	331	450	1800	199	78	II	II	IIIA
P2	368	500	2100	205	90	II	II	IIIA
P3	404	550	2100	209	101	II	II	IIIA
P4	425	578	2200	218	110	II	II	-

Main dimensions and weight (mm/kg)

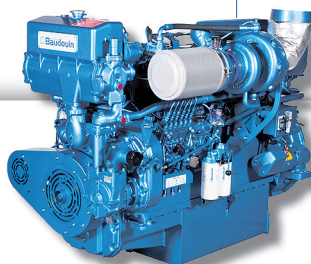
A	B	C	Weight
1665	1021	1091	1200



6 M26.2

Number of cylinders	6 in line
Bore and stroke	150 x 150 mm
Total displacement	15.90 L
Engine rotation	counterclockwise
Idle speed	700 rpm
Flywheel housing	SAE 1
Flywheel	SAE 14"

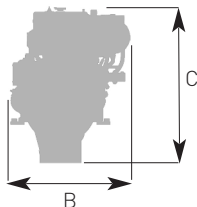
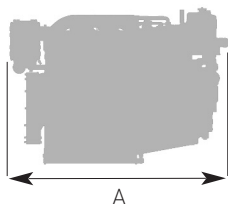
Marine propulsion engines



Rating	kW	Hp	rpm	g/kWh	l/h	IMO	CCNR	CE97/68
P1	331	450	1800	198	78	II	II	IIIA
P1	368	500	1800	205	90	II	II	IIIA
P2	404	550	1900	209	101	II	II	IIIA
P2	442	600	1950	211	111	II	-	-

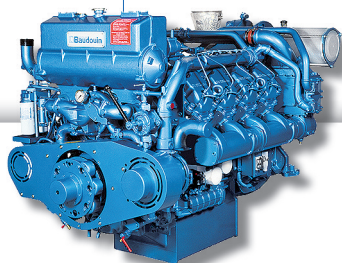
Main dimensions and weight (mm/kg)

A	B	C	Weight
1880	1144	1348	1985



8 M26.2

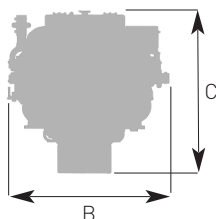
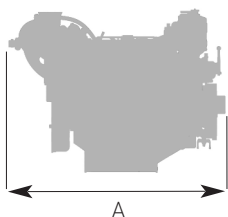
Number of cylinders	8 V @ 90°
Bore and stroke	150 x 150 mm
Total displacement	21.20 L
Engine rotation	counterclockwise
Idle speed	700 rpm
Flywheel housing	SAE 0
Flywheel	SAE 14"



Rating	kW	Hp	rpm	g/kWh	l/h	IMO	CCNR	CE97/68
P1	442	600	1800	203	107	II	II	IIIA
P1	491	668	1800	209	122	II	II	IIIA
P2	539	733	1900	220	141	II	II	IIIA
P2	588	800	1950	233	163	II	-	-

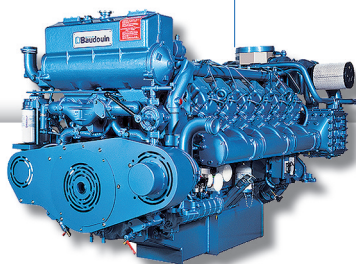
Main dimensions and weight (mm/kg)

A	B	C	Weight
1871	1392	1454	2475



12 M26.2

Number of cylinders	12 V @ 90°
Bore and stroke	150 x 150 mm
Total displacement	31.80 L
Engine rotation	counterclockwise
Idle speed	700 rpm
Flywheel housing	SAE 0
Flywheel	SAE 18"

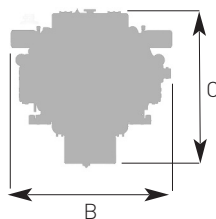


Marine propulsion engines

Rating	kW	Hp	rpm	g/kWh	I/h	IMO	CCNR	CE97/68
P1	662	900	1800	198	156	II	II	IIIA
P1	736	1000	1800	197	173	II	II	IIIA
P2	808	1100	1900	200	192	II	II	IIIA
P2	883	1200	1950	201	211	II	-	-

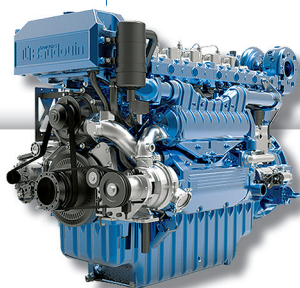
Main dimensions and weight (mm/kg)

A	B	C	Weight
2446	1355	1419	3400



6 M33.2

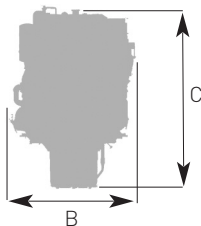
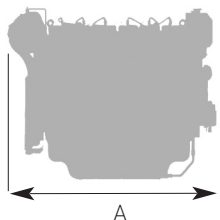
Number of cylinders	6 in line
Bore and stroke	150 x 185 mm
Total displacement	19.6 L
Engine rotation	counterclockwise
Idle speed	650 rpm
Flywheel housing	SAE 1
Flywheel	SAE 14"



Rating	kW	Hp	rpm	g/kWh	l/h	IMO
P1	478	650	1800	211	120	II
P1	515	700	1800	209	128	II
P2	551	750	1800	214	141	II

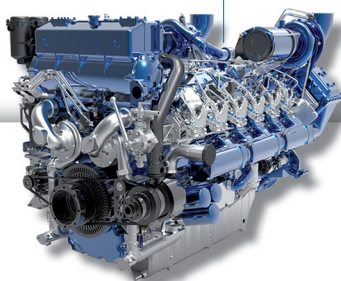
Main dimensions and weight (mm/kg)

A	B	C	Weight
1870	1138	1417	2390



12 M33.2

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

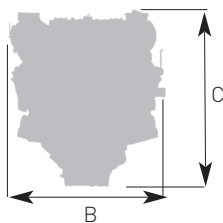
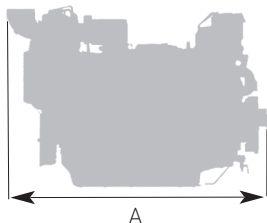


Marine propulsion engines

Rating	kW	Hp	rpm	g/kWh	I/h	IMO
P1	956	1300	1800	215	244	II
P1	1029	1400	1800	218	266	II
P2	1103	1500	1800	219	288	II

Main dimensions and weight (mm/kg)

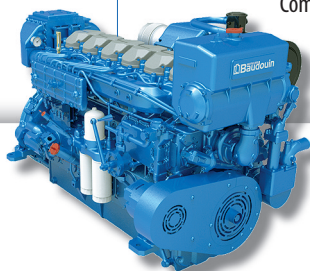
A	B	C	Weight
2210	1467	1568	3900



6 M26.3

Number of cylinders	6 in line
Bore and stroke	150 x 150 mm
Total displacement	15.90 L
Engine rotation	counterclockwise
Idle speed	700 rpm
Flywheel housing	SAE 1
Flywheel	SAE 14"

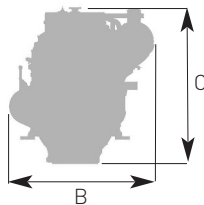
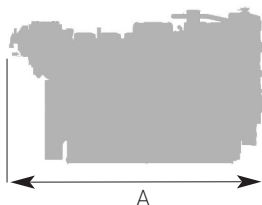
Common-rail injection



Rating	kW	Hp	rpm	g/kWh	l/h	IMO	EPA	CCNR	CE97/68
P1	441	600	1800	197	103	II / III	III	II	IIIA
P2	485	660	1800	207	119	II / III	-	II	IIIA
P2	515	700	2000	203	124	II / III	III	II	IIIA
P2	551	750	2100	209	137	II / III	III	II	IIIA
P3	599	815	2100	216	154	II / III	III	-	-

Main dimensions and weight (mm/kg)

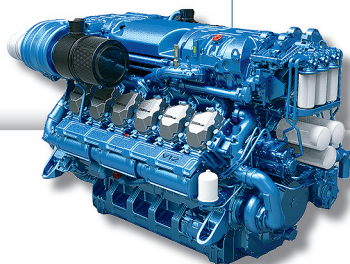
A	B	C	Weight
2034	1078	1239	1985



12 M26.3

Number of cylinders	12 V @ 90°
Bore and stroke	150 x 150 mm
Total displacement	31.80 L
Engine rotation	counterclockwise
Idle speed	600 rpm
Flywheel housing	SAE 0
Flywheel	SAE 18"

Common-rail injection

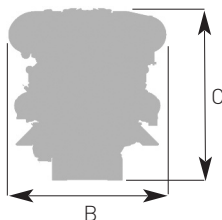


Marine propulsion engines

Rating	kW	Hp	rpm	g/kWh	l/h	IMO	EPA	CCNR	CE97/68
P1	883	1200	1800	197	207	II / III	IV	II	IIIA
P2	970	1320	1800	201	232	II / III	IV	II	IIIA
P2	1030	1400	2100	204	250	II / III	IV	II	IIIA
P2	1104	1500	2200	209	275	II / III	IV	II	IIIA
P3	1214	1650	2300	215	311	II / III	IV	-	-

Main dimensions and weight (mm/kg)

A	B	C	Weight
2333	1350	1494	3215



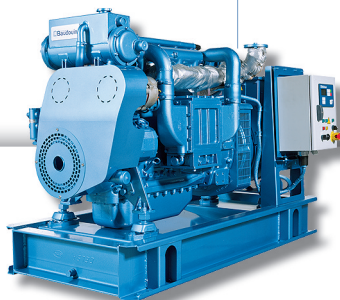


MARINE GENERATOR SETS

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

4 W1055

Number of cylinders 4 in line
 Bore and stroke 105 x 130 mm
 Total displacement 4.50 L
 Engine rotation counterclockwise
 Idle speed 650 rpm



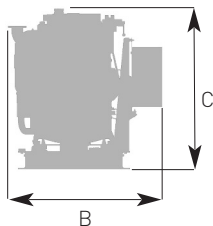
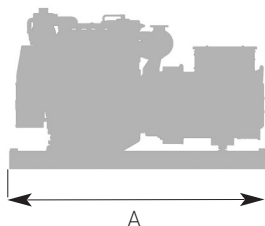
Marine generator sets

Rating	Hz	kVA	kWe	rpm	g/kWh	l/h	IMO
PRP	50	85	68	1500	194	17	NA*
PRP	60	105	84	1800	198	22	NA*

*Not applicable

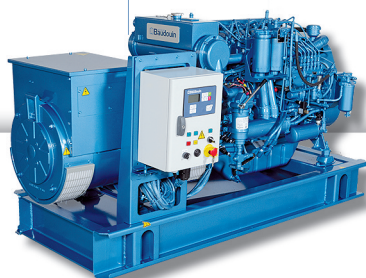
Main dimensions and weight (mm/kg)

A	B	C	Weight
1730	856	1110	1100



6 W105S

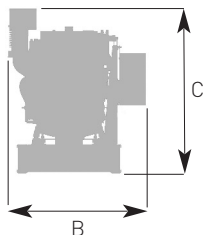
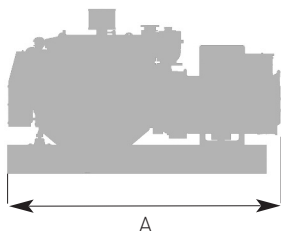
Number of cylinders	6 in line
Bore and stroke	105 x 130 mm
Total displacement	6.75 L
Engine rotation	counterclockwise
Idle speed	650 rpm



Rating	Hz	kVA	kWe	rpm	g/kWh	l/h	IMO
PRP	50	150	120	1500	193	30	II
PRP	60	170	136	1800	204	35	II

Main dimensions and weight (mm/kg)

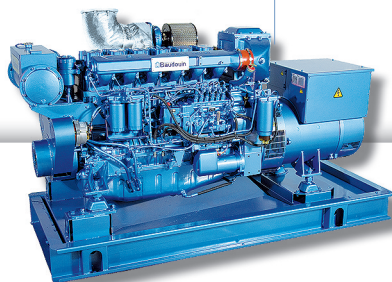
A	B	C	Weight
2109	866	1261	1500



6 W126S

Number of cylinders	6 in line
Bore and stroke	126 x 155 mm
Total displacement	11.60 L
Engine rotation	counterclockwise
Idle speed	600 rpm

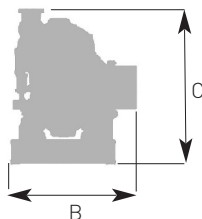
Marine generator sets



Rating	Hz	kVA	kWe	rpm	g/kWh	l/h	IMO	CCNR
PRP	50	340	272	1500	198	68	II	II
PRP	60	350	280	1800	205	73	II	II

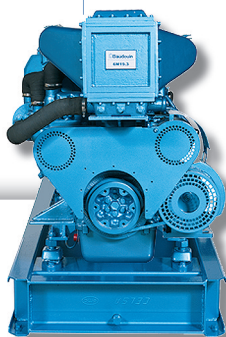
Main dimensions and weight (mm/kg)

	A	B	C	Weight
170 to 260 kVA @ 50 Hz 205 to 300 kVA @ 60 Hz	2585	994	1390	2145
300 to 340 kVA @ 50 Hz 350 kVA @ 60 Hz	2727	994	1390	2345



6 M19.3

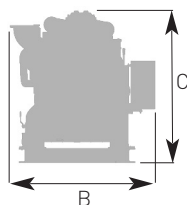
Number of cylinders	6 in line
Bore and stroke	126 x 155 mm
Total displacement	11.60 L
Engine rotation	counterclockwise
Idle speed	600 rpm



Rating	Hz	kVA	kWe	rpm	g/kWh	l/h	IMO
PRP	50	400	320	1500	199	80	II
PRP	60	450	360	1800	202	91	II

Main dimensions and weight (mm/kg)

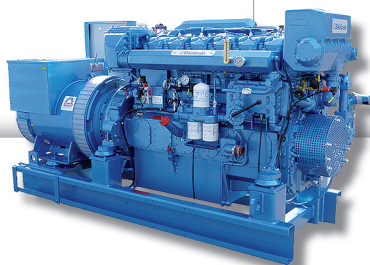
A	B	C	Weight
2608	1042	1270	2470



6 M26.2

Number of cylinders	6 in line
Bore and stroke	150 x 150 mm
Total displacement	15.90 L
Engine rotation	counterclockwise
Idle speed	700 rpm

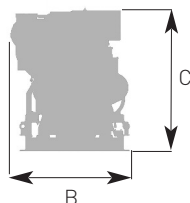
Marine generator sets



Rating	Hz	kVA	kWe	rpm	g/kWh	l/h	IMO
PRP	50	520	416	1500	194	80	II
PRP	60	545	436	1800	198	87	II

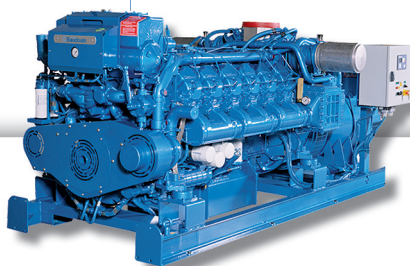
Main dimensions and weight (mm/kg)

A	B	C	Weight
3070	1370	1450	3300



12 M26.2

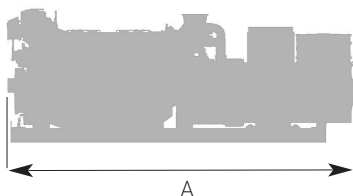
Number of cylinders 12 V @ 90°
 Bore and stroke 150 x 150 mm
 Total displacement 31.80 L
 Engine rotation counterclockwise
 Idle speed 700 rpm



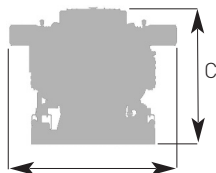
Rating	Hz	kVA	kWe	rpm	g/kWh	l/h	IMO
PRP	50	1045	836	1500	196	165	II
PRP	60	1090	872	1800	199	174	II

Main dimensions and weight (mm/Kg)

A	B	C	Weight
3930	1550	1550	6500

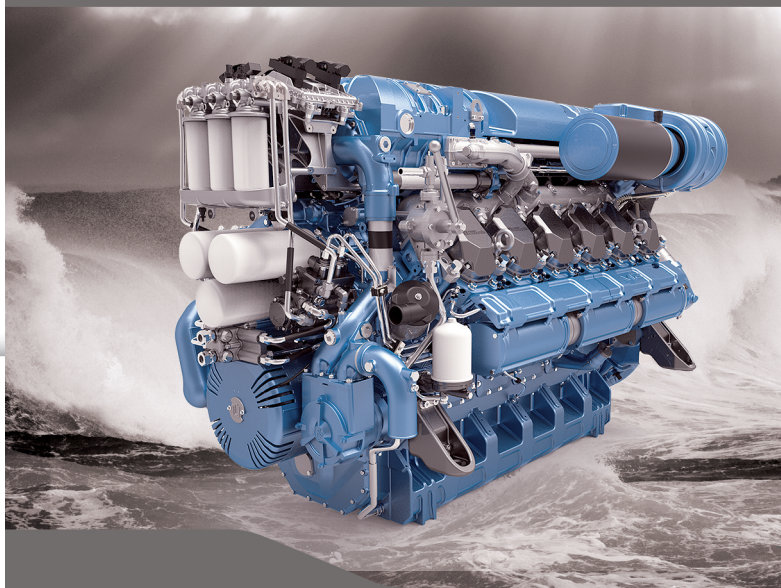


A



B

C

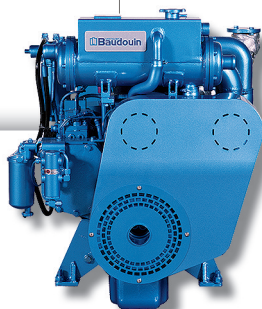


MARINE AUXILIARY ENGINES

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

4 W105S

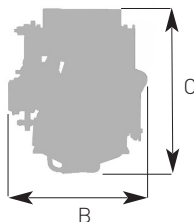
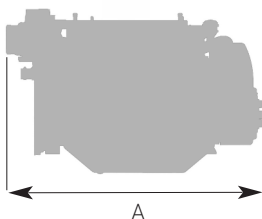
Number of cylinders	4 in line
Bore and stroke	105 x 130 mm
Total displacement	4.50 L
Engine rotation	counterclockwise
Idle speed	650 rpm
Flywheel housing	SAE 3
Flywheel	SAE 11.5"



kW (PRP)	Hp	rpm	g/kWh	l/h	IMO
75	102	1500	194	17	NA
92	125	1800	198	22	NA

Main dimensions and weight (mm/Kg)

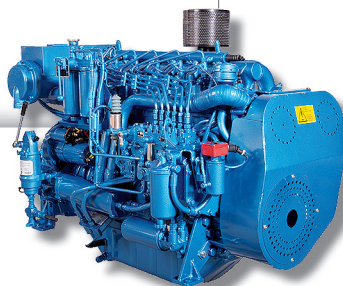
A	B	C	Weight
1014	821	990	650



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

6 W1055

Number of cylinders	6 in line
Bore and stroke	105 x 130 mm
Total displacement	6.75 L
Engine rotation	counterclockwise
Idle speed	650 rpm
Flywheel housing	SAE 3
Flywheel	SAE 11.5"

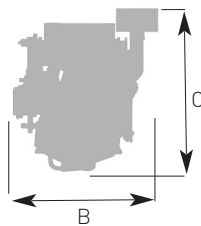
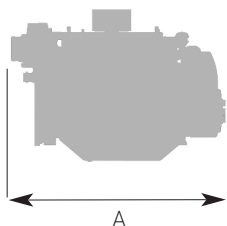


Marine auxiliary engines

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 and weight (mm/Kg)

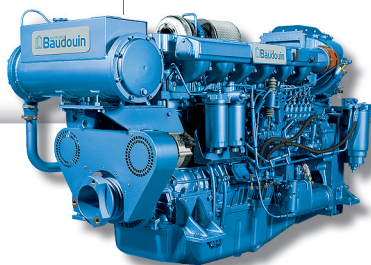
A	B	C	Weight
1417	885	1076	810



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

6 W126S

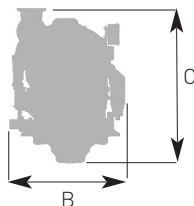
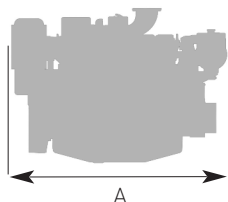
Number of cylinders	6 in line
Bore and stroke	126 x 155 mm
Total displacement	11.60 L
Engine rotation	counterclockwise
Idle speed	600 rpm
Flywheel housing	SAE 1
Flywheel	SAE 14"



kW (PRP)	Hp	rpm	g/kWh	l/h	IMO	CCNR
290	394	1500	198	68	II (C1-D2)	II (D2)
295	400	1800	199	70	II (C1-D2)	II (C1)

Main dimensions and weight (mm/Kg)

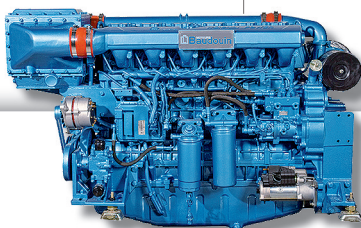
A	B	C	Weight
1695	883	1128	1200



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

6 M19.3

Number of cylinders	6 in line
Bore and stroke	126 x 155 mm
Total displacement	11.56 L
Engine rotation	counterclockwise
Idle speed	600 rpm
Flywheel housing	SAE 1
Flywheel	SAE 14"

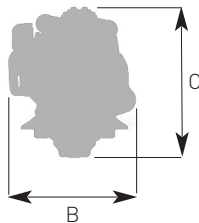
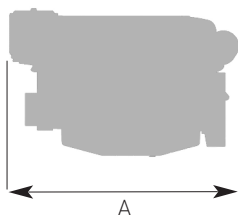


Marine auxiliary engines

kW (PRP)	Hp	rpm	g/kWh	l/h	IMO	CCNR
315	428	1800	200	75	II (C1-D2)	II (C1-D2)
330	449	1500	199	80	II (C1-D2)	II (D2)
380	517	1800	202	91	II (C1-D2)	-

Main dimensions and weight (mm/Kg)

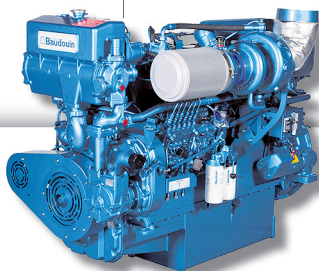
A	B	C	Weight
1665	1021	1091	1200



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

6 M26.2

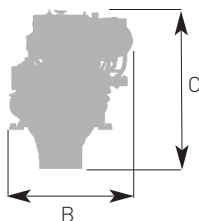
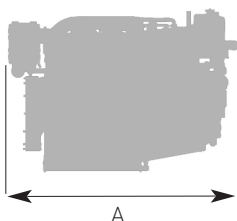
Number of cylinders	6 in line
Bore and stroke	150 x 150 mm
Total displacement	15.90 L
Engine rotation	counterclockwise
Idle speed	700 rpm
Flywheel housing	SAE 1
Flywheel	SAE 14"



kW (PRP)	Hp	rpm	g/kWh	l/h	IMO
355	483	1500	194	82	II (C1)
368	500	1800	198	87	II (C1)
440	598	1500	200	104	II (D2)
460	626	1800	205	112	II (D2)

Main dimensions and weight (mm/Kg)

A	B	C	Weight
1880	1144	1348	1785

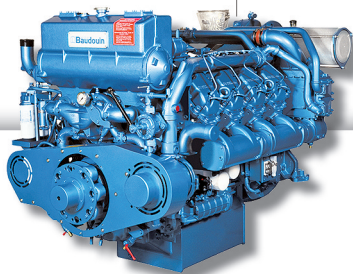


NA: Not applicable C1: Variable speed D2: Fixed speed

8 M26.2

Number of cylinders	8 V @ 90°
Bore and stroke	150 x 150 mm
Total displacement	21.20 L
Engine rotation	counterclockwise
Idle speed	700 rpm
Flywheel housing	SAE 0
Flywheel	SAE 14"

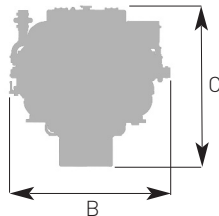
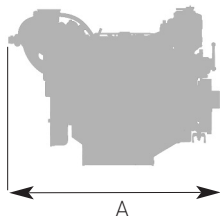
Marine auxiliary engines



kW (PRP)	Hp	rpm	g/kWh	l/h	IMO
473	643	1500	210	118	II (C1)
491	668	1800	217	127	II (C1)

Main dimensions and weight (mm/Kg)

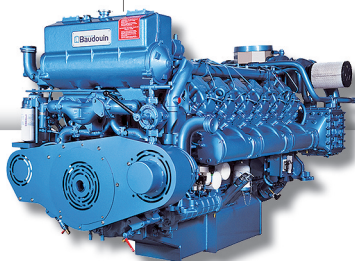
A	B	C	Weight
1871	1392	1454	2475



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

12 M26.2

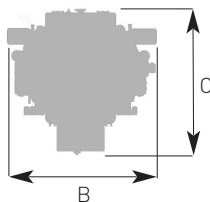
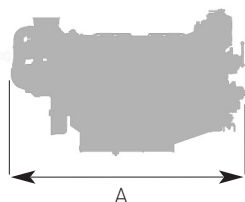
Number of cylinders	12 V @ 90°
Bore and stroke	150 x 150 mm
Total displacement	31.80 L
Engine rotation	counterclockwise
Idle speed	700 rpm
Flywheel housing	SAE 0
Flywheel	SAE 18"



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 and weight (mm/Kg)

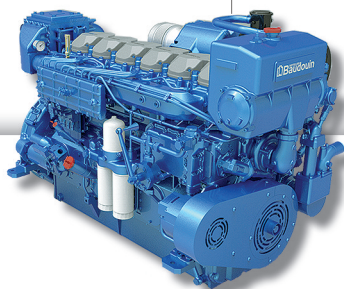
A	B	C	Weight
2446	1355	1419	3400



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

6 M26.3

Number of cylinders	6 in line
Bore and stroke	150 x 150 mm
Total displacement	15.9 L
Engine rotation	counterclockwise
Idle speed	700 rpm
Flywheel housing	SAE 1
Flywheel	SAE 14"

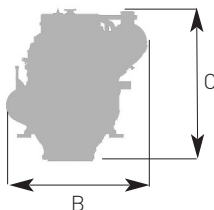


Marine auxiliary engines

kW (PRP)	Hp	rpm	g/kWh	l/h	IMO	EPA
441	600	1800	197	103	II (C1)	III (C1)
485	660	1800	207	119	II (C1)	-

Main dimensions and weight (mm/Kg)

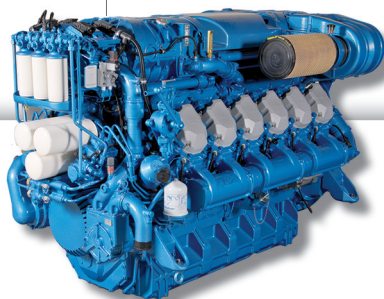
A	B	C	Weight
2125	1350	1450	1785



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

12 M26.3

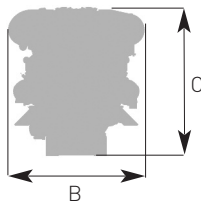
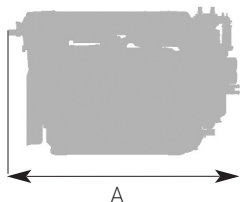
Number of cylinders	12 V @ 90°
Bore and stroke	150 x 150 mm
Total displacement	31.8 L
Engine rotation	counterclockwise
Idle speed	600 rpm
Flywheel housing	SAE 0
Flywheel	SAE 18"



kW (PRP)	Hp	rpm	g/kWh	l/h	IMO
882	1200	1800	197	207	II (C1)
970	1320	1800	201	232	II (C1)

Main dimensions and weight (mm/Kg)

A	B	C	Weight
2034	1078	1239	3215



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



MARINE CONTROL & MONITORING SOLUTIONS

Moteurs Baudouin develops specific and dedicated control and monitoring solutions in a wide and flexible system configurations. From the most economical and simple display to complex and interfaced solution each product level is supplemented with modular customization features.

MINI

The MINI control system is the simple controller providing engine and gearboxes necessary parameters information and safeties management. 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 its canbus protocol (j1939).

Main features

- 5.7" bridge color display
- 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

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

Classification Societies Approved

MASTER

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

Main features

- 5.7" 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

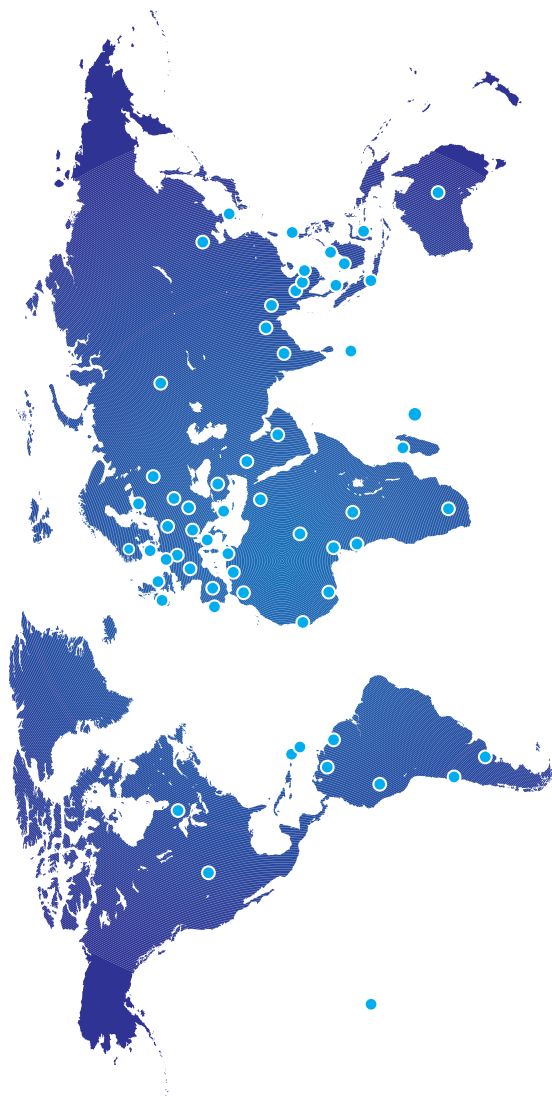
Options

- Up to 5 bridge slave stations
- Remote alarm panel
- Engine electrical prebude pump
- Fresh water preheater
- Electronic speed & clutch control lever
- Communication canbus interface
- Check option availability with your Distributor

	Propulsion			Generator Set		Auxiliary		
	MINI	ECO	MASTER	MAXI*	MASTER	MINI	ECO	MASTER
4 W105								
6 W105								
6 W126								
6 M16								
6 M19.3								
M26.2								
M26.3								
M33.2								

* MAXI control system is the standard version of Master type approved solution

Our Global Network



76 Service Points

GLOBAL PRESENCE

- ALGERIA
- ARGENTINA
- AUSTRALIA
- BANGLADESH
- BELGIUM
- BRUNEI
- CAMEROON
- CANADA
- CENTRAL AFRICAN
REPUBLIC
- CHILE
- CHINA
- CROATIA
- DEMOCRATIC REPUBLIC
OF CONGO
- DENMARK
- EGYPT
- ESTONIA
- FRANCE
- GABON
- GREECE
- GUADELOUPE
- GUYANA
- INDIA
- INDONESIA
- ITALY
- IVORY COAST
- KAZAKHSTAN
- KUWAIT
- MADAGASCAR
- MALAYSIA
- MALDIVES
- MARTINIQUE
- MAURITIUS
- MOROCCO
- MYANMAR
- NETHERLANDS
- NORWAY
- PERU
- PHILIPPINE
- POLAND
- PORTUGAL
- REPUBLIC OF IRELAND
- ROMANIA
- RUSSIA
- SENEGAL
- SINGAPORE
- SPAIN
- SOUTH AFRICA
- SOUTH KOREA
- TAHITI
- THAILAND
- TUNISIA
- TURKEY
- UKRAINE
- UNITED ARAB EMIRATES
- UNITED KINGDOM
- USA
- VENEZUELA
- VIETNAM

Our Distributors are experts in finding you the right solution based on your location, application and emissions requirements.

To find your local Distributor, please visit our website Baudouin.com



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