

MARINE PRODUCT GUIDE

GENSETS AND AUXILIARY ENGINES

2016/2017

Marin PRO

MARINE PRODUCT GUIDE

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Volvo Penta gensets combine a compact design with good service accessibility, and are all equipped with Volvo Penta's control and monitoring system, MCC. They are available with a power range of 56 to 478 kW and with three different cooling systems (keel cooled, heat exchanged or radiator cooled). Each genset is designed and built according to the rules of all major classification societies.

PRIME POWER

All power ratings published are expressed in conformity with Prime Power ratings corresponding to ISO Standard Power for continuous operation. This relates to the supplying of electrical power at variable load with 70% load factor for an unlimited number of hours. A 10% overload capability is available with this rating.

MARINE GENSETS FOR DIESEL ELECTRIC PROPULSION

Application type: Vessels operating with marine gensets for power to electric propulsion systems. Engine can be run for an unlimited number of running hours at a load factor of <80% of published Prime Power, 110% capability is available for a maximum of 1 hour per 12 hours operation for this rating. Ratings correspond to ISO Standard Power for continuous operation.

**Marin
PRO**

VOLVO PENTA GENSET SPECIFICATIONS

GENSET D5A T



COMMERCIAL RATING

Engine Speed	Frequency	Engine Power
1500 RPM	50 Hz	77 kWm
1800 RPM	60 Hz	81 kWm

GENERAL DATA

D5A T, Volvo Penta, Stamford generator.

4-cylinder, 4 cycle, water cooled, diesel engine.

Turbocharged with air cooler, IMO2 emission certificate.

Bore x Stroke (mm): 108 x 130

Displacement (L): 4,76

POWER (kW_e) AT 1500 RPM, 50Hz

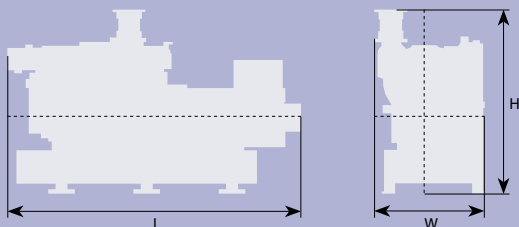
Voltage (V)	380	400	415	440	690	Fuel cons.*
HEAT-EXCHANGED						
UCM274C	62	62	62	56	62	222
UCM274D	70	70	70	60	70	222
UCM274E	71	71	71	71	71	222
KEEL-COOLED						
UCM274C	62	62	62	56	62	222
UCM274D	70	70	70	60	70	222
UCM274E	71	71	71	71	71	222
RADIATOR-COOLED						
UCM274C	62	62	62	56	62	222
UCM274D	67	67	67	60	67	222
UCM274E	66	67	66	66	66	222

*Fuel consumption; Unit: g/kWh

POWER (kW_e) AT 1800 RPM, 60Hz

Voltage (V)	416	440	460	480	600	Fuel cons.*
HEAT EXCHANGED						
UCM274C	72	74	74	74	74	222
UCM274D	74	74	74	74	74	222
UCM274E	75	75	75	75	75	222
KEEL COOLED						
UCM274C	72	74	74	74	74	222
UCM274D	74	74	74	74	74	222
UCM274E	75	75	75	75	75	222
RADIATOR COOLED						
UCM274C	68	68	68	68	68	222
UCM274D	68	68	68	68	68	222
UCM274E	69	69	69	69	69	222

*Fuel consumption; Unit: g/kWh



PRODUCT DIMENSIONS & DRY WEIGHT

L (mm):	1812 - 2261
W (mm):	1046
H (mm):	1614 - 1631
Dry weight (kg):	1175 - 1381

GENSET D5A TA



COMMERCIAL RATING

Engine Speed	Frequency	Engine Power
1500 RPM	50 Hz	92 kWm
1800 RPM	60 Hz	100 kWm

GENERAL DATA

D5A TA, Volvo Penta, Stamford generator.
4-cylinder, 4 cycle, water cooled, diesel engine.
Turbocharged with air cooler, IMO2 emission certificate.

Bore x Stroke (mm): 108 x 130
Displacement (L): 4,76

POWER (kWe) AT 1500 RPM, 50Hz

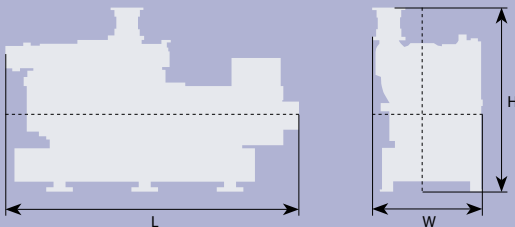
Voltage (V)	380	400	415	440	690	Fuel cons.*
HEAT-EXCHANGED						
UCM274D	70	70	70	60	70	208
UCM274E	86	86	86	76	86	208
KEEL-COOLED						
UCM274D	70	70	70	60	70	208
UCM274E	86	86	86	76	86	208

*Fuel consumption; Unit: g/kWh

POWER (kWe) AT 1800 RPM, 60Hz

Voltage (V)	416	440	460	480	600	Fuel cons.*
HEAT EXCHANGED						
UCM274D	86	88	90	90	90	206
UCM274E	93	93	93	93	93	206
KEEL COOLED						
UCM274D	86	88	90	90	90	206
UCM274E	93	93	93	93	93	206

*Fuel consumption; Unit: g/kWh



PRODUCT DIMENSIONS & DRY WEIGHT

L (mm):	1812 - 1925
W (mm):	1046
H (mm):	1614
Dry weight (kg):	1225 - 1310

GENSET D7A T



COMMERCIAL RATING

Engine Speed	Frequency	Engine Power
1500 RPM	50 Hz	116 kWm
1800 RPM	60 Hz	122 kWm

GENERAL DATA

D7A T, Volvo Penta, Stamford generator.

6-cylinder, 4 cycle, water cooled, diesel engine.

Turbocharged with air cooler, IMO2 emission certificate.

Bore x Stroke (mm): 108 x 130

Displacement (L): 7,15

POWER (kWe) AT 1500 RPM, 50Hz

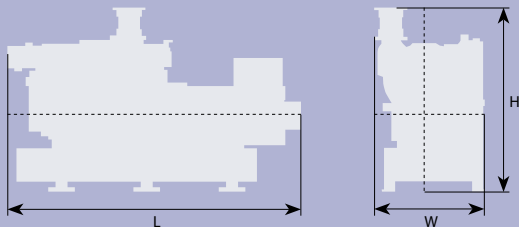
Voltage (V)	380	400	415	440	690	Fuel cons.*
HEAT-EXCHANGED						
UCM274E	90	90	90	76	90	216
UCM274F	108	108	108	91	108	218
UCM274G	108	108	108	100	108	219
KEEL-COOLED						
UCM274E	90	90	90	76	90	216
UCM274F	108	108	108	91	108	218
UCM274G	108	108	108	100	108	219
RADIATOR-COOLED						
UCM274D	70	70	70	60	70	215
UCM274E	90	90	90	76	90	216
UCM274F	104	104	104	91	104	218
UCM274G	104	104	104	100	104	219

*Fuel consumption; Unit: g/kWh

POWER (kWe) AT 1800 RPM, 60Hz

Voltage (V)	416	440	460	480	600	Fuel cons.*
HEAT EXCHANGED						
UCM274E	100	105	110	110	110	216
UCM274F	114	114	114	114	114	216
UCM274G	113	113	113	113	113	215
KEEL COOLED						
UCM274E	100	105	110	110	110	216
UCM274F	114	114	114	114	114	216
UCM274G	113	113	113	113	113	215
RADIATOR COOLED						
UCM274D	86	88	88	88	88	216
UCM274E	100	105	105	105	105	216
UCM274F	106	107	106	106	106	216
UCM274G	107	107	107	107	107	215

*Fuel consumption; Unit: g/kWh



PRODUCT DIMENSIONS & DRY WEIGHT

L (mm):	2191 - 2575
W (mm):	1157
H (mm):	1614 - 1631
Dry weight (kg):	1465 - 1670

GENSET D7A TA



COMMERCIAL RATING

Engine Speed	Frequency	Engine Power
1500 RPM	50 Hz	139 kWm
1800 RPM	60 Hz	148 kWm

GENERAL DATA

D7A TA, Volvo Penta, Stamford generator.
6-cylinder, 4 cycle, water cooled, diesel engine.
Turbocharged with air cooler, IMO2 emission certificate.

Bore x Stroke (mm): 108 x 130
Displacement (L): 7,15

POWER (kWe) AT 1500 RPM, 50Hz

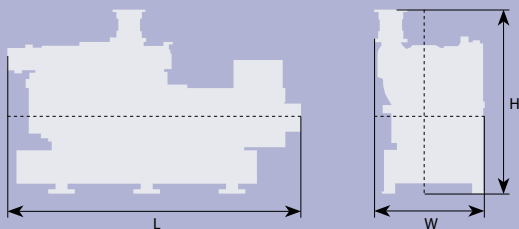
Voltage (V)	380	400	415	440	690	Fuel cons.*
HEAT-EXCHANGED						
UCM274F	108	108	108	91	108	207
UCM274G	119	119	119	100	116	207
UCM274H	130	130	130	112	130	207
KEEL-COOLED						
UCM274F	108	108	108	91	108	207
UCM274G	119	119	119	100	116	207
UCM274H	130	130	130	112	130	207

*Fuel consumption; Unit: g/kWh

POWER (kWe) AT 1800 RPM, 60Hz

Voltage (V)	416	440	460	480	600	Fuel cons.*
HEAT EXCHANGED						
UCM274F	120	125	130	130	130	208
UCM274G	133	137	137	137	137	207
UCM274H	139	139	139	139	139	206
KEEL COOLED						
UCM274F	120	125	130	130	130	208
UCM274G	133	137	137	137	137	207
UCM274H	139	139	139	139	139	206

*Fuel consumption; Unit: g/kWh



PRODUCT DIMENSIONS & DRY WEIGHT

L (mm):	2191 - 2239
W (mm):	1157
H (mm):	1614
Dry weight (kg):	1540 - 1660

GENSET D9MG



COMMERCIAL RATING

Engine Speed	Frequency	Engine Power
1500 RPM	50 Hz	239 kWm
1800 RPM	60 Hz	265 kWm

GENERAL DATA

D9MG, Volvo Penta, Stamford generator.
6-cylinder, 4 cycle, water cooled, diesel engine.
Turbocharged with air cooler, IMO2 emission certificate.

Bore x Stroke (mm): 120 x 138
Displacement (L): 9,36

POWER (kWe) AT 1500 RPM, 50Hz

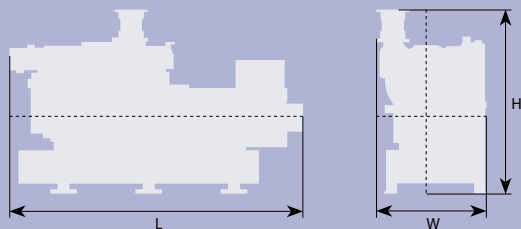
Voltage (V)	380	400	415	440	690	Fuel cons.*
HEAT-EXCHANGED						
HCM434C	168	168	168	168	160	206
HCM434D	184	184	184	184	180	205
HCM434E	220	220	220	220	208	205
HCM434F	225	225	225	225	225	206
KEEL-COOLED						
HCM434C	168	168	168	168	160	206
HCM434D	184	184	184	184	180	205
HCM434E	220	220	220	220	208	205
HCM434F	225	225	225	225	225	204
RADIATOR-COOLED						
UCM274H	136	136	136	112	136	206
HCM434C	168	168	168	168	160	205
HCM434D	184	184	184	184	180	205
HCM434E	214	214	214	214	208	204

*Fuel consumption; Unit: g/kWh

POWER (kWe) AT 1800 RPM, 60Hz

Voltage (V)	416	440	460	480	600	Fuel cons.*
HEAT EXCHANGED						
HCM434C	192	196	200	204	204	209
HCM434D	204	216	224	236	236	207
HCM434E	250	250	250	250	250	207
KEEL COOLED						
HCM434C	192	196	200	204	204	209
HCM434D	204	216	224	236	236	207
HCM434E	250	250	250	250	250	207
RADIATOR COOLED						
UCM274H	160	170	175	175	175	208
HCM434C	192	196	200	204	204	207
HCM434D	204	216	224	230	230	207
HCM434E	230	230	230	230	230	206

*Fuel consumption; Unit: g/kWh



PRODUCT DIMENSIONS & DRY WEIGHT

L (mm):	2660 - 2969
W (mm):	1161 - 1175
H (mm):	1919
Dry weight (kg):	2210 - 2790

GENSET D13MG EPA



COMMERCIAL RATING

Engine Speed	Frequency	Engine Power
1500 RPM	50 Hz	300 kWm
1500 RPM	50 Hz	360 kWm
1800 RPM	60 Hz	360 kWm (next page)
1800 RPM	60 Hz	400 kWm (next page)

GENERAL DATA

D13MG, Volvo Penta, Stamford generator.
6-cylinder, 4 cycle, water cooled, diesel engine.
Turbocharged with air cooler, EPA emission certificate.

Bore x Stroke (mm): 131 x 158
Displacement (L): 12,78

POWER (kW_e) AT 1500 RPM, 50 Hz, 300 kW_m

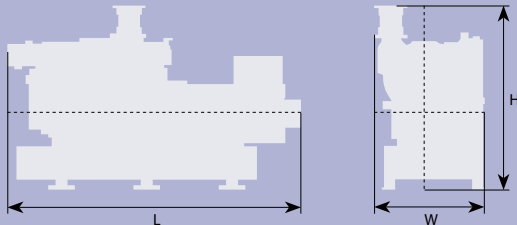
Voltage (V)	380	400	415	440	690	Fuel cons.*
HEAT-EXCHANGED						
HCM434F	248	248	248	248	240	203
HCM534C	284	284	285	285	272	203
HCM534D	285	285	285	286	285	203
KEEL-COOLED						
HCM434F	248	248	248	248	240	203
HCM534C	284	284	285	285	272	203
HCM534D	285	285	285	286	285	203
RADIATOR-COOLED						
HCM434F	248	248	248	248	240	204
HCM534C	274	274	274	274	272	203
HCM534D	275	275	275	275	275	203

*Fuel consumption; Unit: g/kWh

POWER (kW_e) AT 1500 RPM, 50 Hz, 360 kW_m

Voltage (V)	380	400	415	440	690	Fuel cons.*
HEAT-EXCHANGED						
HCM534C	292	296	304	304	272	202
HCM534D	324	332	342	343	342	202
KEEL-COOLED						
HCM534C	292	296	304	304	272	202
HCM534D	324	332	342	343	342	202
RADIATOR-COOLED						
HCM534C	292	296	304	304	272	196
HCM534D	324	332	332	332	332	196

*Fuel consumption; Unit: g/kWh



PRODUCT DIMENSIONS & DRY WEIGHT

L (mm):	2739 - 3219
W (mm):	1165 - 1174
H (mm):	1811 - 1814
Dry weight (kg):	3030 - 3315

GENSET D13MG EPA



COMMERCIAL RATING

Engine Speed	Frequency	Engine Power
1500 RPM	50 Hz	300 kWm (previous page)
1500 RPM	50 Hz	360 kWm (previous page)
1800 RPM	60 Hz	360 kWm
1800 RPM	60 Hz	400 kWm

GENERAL DATA

D13MG, Volvo Penta, Stamford generator.
6-cylinder, 4 cycle, water cooled, diesel engine.
Turbocharged with air cooler, EPA emission certificate.

Bore x Stroke (mm): 131 x 158
Displacement (L): 12,78

POWER (kWe) AT 1800 RPM, 60 Hz, 360 kWm

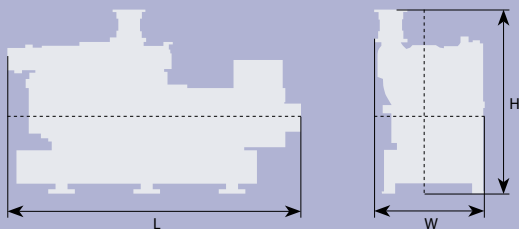
Voltage (V)	416	440	460	480	600	Fuel cons.*
HEAT-EXCHANGED						
HCM434F	292	300	304	316	316	214
HCM534C	340	341	341	341	341	215
HCM534D	342	342	342	342	342	215
KEEL-COOLED						
HCM434F	292	300	304	316	316	214
HCM534C	340	341	341	341	341	215
HCM534D	342	342	342	342	342	215
RADIATOR-COOLED						
HCM434F	292	300	304	316	316	212
HCM534C	322	323	323	323	323	216
HCM534D	324	324	324	324	324	216

*Fuel consumption; Unit: g/kWh

POWER (kWe) AT 1800 RPM, 60 Hz, 400 kWm

Voltage (V)	416	440	460	480	600	Fuel cons.*
HEAT-EXCHANGED						
HCM534C	345	360	379	379	368	211
HCM534D	370	380	380	380	380	209
KEEL-COOLED						
HCM534C	345	360	379	379	368	211
HCM534D	370	380	380	380	380	209
RADIATOR-COOLED						
HCM534C	345	360	361	361	361	206
HCM534D	362	362	362	362	362	206

*Fuel consumption; Unit: g/kWh



PRODUCT DIMENSIONS & DRY WEIGHT

L (mm):	2739 - 3219
W (mm):	1165 - 1174
H (mm):	1811 - 1814
Dry weight (kg):	3030 - 3315

GENSET D13MG



COMMERCIAL RATING

Engine Speed	Frequency	Engine Power
1500 RPM	50 Hz	300 kWm
1500 RPM	50 Hz	360 kWm
1800 RPM	60 Hz	360 kWm (next page)
1800 RPM	60 Hz	400 kWm (next page)

GENERAL DATA

D13MG, Volvo Penta, Stamford generator.
6-cylinder, 4 cycle, water cooled, diesel engine.
Turbocharged with air cooler, IMO2 emission certificate.

Bore x Stroke (mm): 131 x 158
Displacement (L): 12,78

POWER (kW_e) AT 1500 RPM, 50 Hz, 300 kW_m

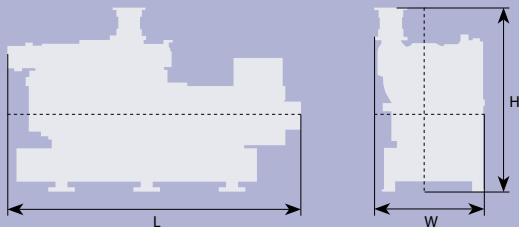
Voltage (V)	380	400	415	440	690	Fuel cons.*
HEAT-EXCHANGED						
HCM434F	248	248	248	248	240	194
HCM534C	284	284	285	285	272	194
HCM534D	285	285	285	286	285	194
KEEL-COOLED						
HCM434F	248	248	248	248	240	194
HCM534C	284	284	285	285	272	194
HCM534D	285	285	285	286	285	194
RADIATOR-COOLED						
HCM434F	248	248	248	248	240	194
HCM534C	274	274	274	274	272	194
HCM534D	275	275	275	275	275	194

*Fuel consumption; Unit: g/kWh

POWER (kW_e) AT 1500 RPM, 50 Hz, 360 kW_m

Voltage (V)	380	400	415	440	690	Fuel cons.*
HEAT-EXCHANGED						
HCM534C	292	296	304	304	272	190
HCM534D	324	332	342	343	342	191
KEEL-COOLED						
HCM534C	292	296	304	304	272	190
HCM534D	324	332	342	343	342	191
RADIATOR-COOLED						
HCM534C	292	296	304	304	272	191
HCM534D	324	332	332	332	332	191

*Fuel consumption; Unit: g/kWh



PRODUCT DIMENSIONS & DRY WEIGHT

L (mm):	2739 - 3219
W (mm):	1165 - 1174
H (mm):	1811 - 1814
Dry weight (kg):	3030 - 3315

GENSET D13MG



COMMERCIAL RATING

Engine Speed	Frequency	Engine Power
1500 RPM	50 Hz	300 kWm (previous page)
1500 RPM	50 Hz	360 kWm (previous page)
1800 RPM	60 Hz	360 kWm
1800 RPM	60 Hz	400 kWm

GENERAL DATA

D13MG, Volvo Penta, Stamford generator.
6-cylinder, 4 cycle, water cooled, diesel engine.
Turbocharged with air cooler, IMO2 emission certificate.

Bore x Stroke (mm): 131 x 158

Displacement (L): 12,78

POWER (kWe) AT 1800RPM, 60Hz, 360 kWm

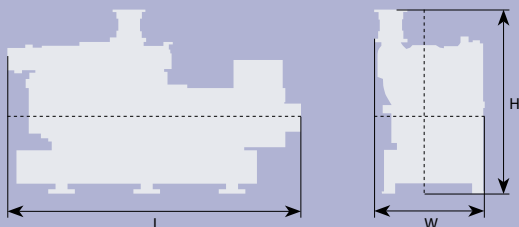
Voltage (V)	416	440	460	480	600	Fuel cons.*
HEAT-EXCHANGED						
HCM434F	292	300	304	316	316	200
HCM534C	340	341	341	341	341	200
HCM534D	342	342	342	342	342	200
KEEL-COOLED						
HCM434F	292	300	304	316	316	200
HCM534C	340	341	341	341	341	200
HCM534D	342	342	342	342	342	200
RADIATOR-COOLED						
HCM434F	292	300	304	316	316	200
HCM534C	322	323	323	323	323	200
HCM534D	324	324	324	324	324	200

*Fuel consumption; Unit: g/kWh

POWER (kWe) AT 1800RPM, 60Hz, 400 kWm

Voltage (V)	416	440	460	480	600	Fuel cons.*
HEAT-EXCHANGED						
HCM534C	345	360	379	379	368	198
HCM534D	370	380	380	380	380	199
KEEL-COOLED						
HCM534C	345	360	379	379	368	198
HCM534D	370	380	380	380	380	199
RADIATOR-COOLED						
HCM534C	345	360	361	361	361	199
HCM534D	362	362	362	362	362	199

*Fuel consumption; Unit: g/kWh



PRODUCT DIMENSIONS & DRY WEIGHT

L (mm):	2739 - 3219
W (mm):	1165 - 1174
H (mm):	1811 - 1814
Dry weight (kg):	3030 - 3315

GENSET D16MG



COMMERCIAL RATING

Engine Speed	Frequency	Engine Power
1500 RPM	50 Hz	450 kWm
1800 RPM	60 Hz	500 kWm

GENERAL DATA

D16MG, Volvo Penta, Stamford generator.
6-cylinder, 4 cycle, water cooled, diesel engine.
turbocharged with air cooler, IMO2 emission certificate.

Bore x Stroke (mm): 144 x 165
Displacement (L): 16,12

POWER (kW_e) AT 1500 RPM, 50Hz

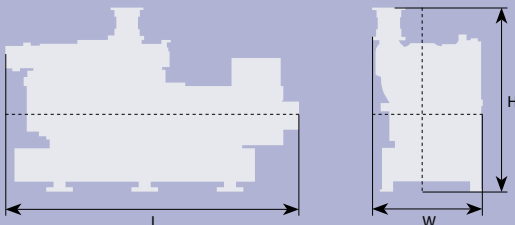
Voltage (V)	380	400	415	440	690	Fuel cons.*
HEAT-EXCHANGED						
HCM534D	324	332	344	344	324	212
HCM534E	380	392	404	404	352	213
HCM534F	404	420	430	430	404	213
KEEL-COOLED						
HCM534D	324	332	344	344	324	212
HCM534E	380	392	404	404	352	213
HCM534F	404	420	430	430	404	213
RADIATOR-COOLED						
HCM534D	324	332	344	344	324	212
HCM534E	380	392	404	404	352	213
HCM534F	404	414	414	414	404	213

*Fuel consumption; Unit: g/kWh

POWER (kW_e) AT 1800 RPM, 60Hz

Voltage (V)	416	440	460	480	600	Fuel cons.*
HEAT EXCHANGED						
HCM534D	370	390	405	425	425	204
HCM534E	450	470	475	477	472	205
HCM534F	476	477	477	478	477	206
KEEL COOLED						
HCM534D	370	390	405	425	425	204
HCM534E	450	470	475	477	472	205
HCM534F	476	477	477	478	477	206
RADIATOR COOLED						
HCM534D	370	390	405	425	404	204
HCM534E	447	448	448	448	448	205

*Fuel consumption; Unit: g/kWh



PRODUCT DIMENSIONS & DRY WEIGHT

L (mm):	3090 - 3499
W (mm):	1145 - 1380
H (mm):	1879 - 2046
Dry weight (kg):	3581 - 4100

GENSETS

Mitsubishi gensets combine a Mitsubishi Diesel Engine with Europe's best alternators and a Mitsubishi monitoring system. With a power range of 455 to 1886 kW, all engines have as standard double bearing, IP23 louvers, etc. Available with three different cooling systems (heat exchanged, keel cooled or radiator cooled), and mounted on a steel frame with vibration dampers underneath, they suit all possible applications. Each genset is designed and built according to the rules of all major classification societies.

DIESEL ELECTRIC PROPULSION

Typical Operation: Average load factor is 60–80% of rated power. Operating hours are 3000–6000 hours per year. Momentary overload: 110% is available for maximum 25 hours per year on emergency basis. 100% of rated power is available for maximum of 3 hours per every 12 hours operation period. Typical Vessel Application: Offshore vessels, inland cargo vessels and ferries.

AUXILIARY GENERATOR

Main Power Supply

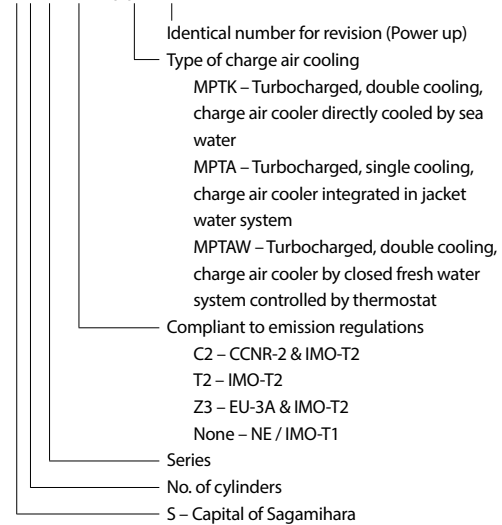
Typical Operation: Average load factor is 60–80% of rated power. Operating hours are 3000–4000 hours per year. Momentary overload: 110% is available for governing purpose.

Emergency Power Supply

Typical Operation: Average load factor is 60% of rated power. Operating hours are up to 500 hours per year. Overload: 110% can be used for less than 25 hours/year.

EXPLANATION OF THE ENGINE MODEL NAMES

S 6 R2-T2 M (P) TK 3L



GENSET MAS 650-S S6R-Z3MPTAW



COMMERCIAL RATING

Engine Speed	Frequency	Engine Power
1500 RPM	50 Hz	545 kWm
1800 RPM	60 Hz	635 kWm

GENERAL DATA

S6R-Z3MPTAW, Mitsubishi, Stamford generator.
6-cylinder, 4 cycle, water cooled, diesel engine.
Turbocharged with air cooler, IMO2 emission certificate.

Bore x Stroke (mm): 170 x 180
Displacement (L): 24,51

POWER (kWe) AT 1500 RPM, 50Hz

Voltage (V)	380	400	415	440	690	Fuel cons.*
HEAT-EXCHANGED						
HCM634H2	522	522	522	522	516	207
KEEL-COOLED						
HCM634H2	522	522	522	522	516	207
RADIATOR-COOLED						
HCM634H2	503	503	503	503	501	207

POWER (kWe) AT 1800 RPM, 60Hz

Voltage (V)	416	440	460	480	600	Fuel cons.*
HEAT-EXCHANGED						
HCM634G2	603	603	603	603	603	220
KEEL-COOLED						
HCM634G2	603	603	603	603	603	220
RADIATOR-COOLED						
HCM634G2	577	577	577	577	577	220

DIESEL ELECTRIC POWER (kWe) AT 1500 RPM, 50Hz

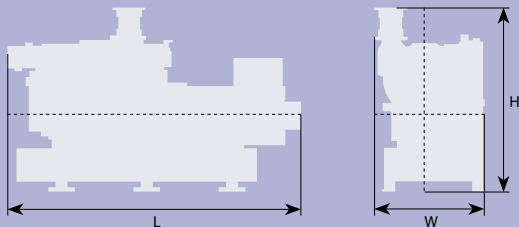
Voltage (V)	380	400	415	440	690	Fuel cons.*
HEAT-EXCHANGED						
HCM634H2	522	522	522	522	516	207
KEEL-COOLED						
HCM634H2	522	522	522	522	516	207

*Fuel consumption; Unit: g/kWh

DIESEL ELECTRIC POWER (kWe) AT 1800 RPM, 60Hz

Voltage (V)	416	440	460	480	600	Fuel cons.*
HEAT-EXCHANGED						
HCM634G2	548	548	548	548	548	n/a
KEEL-COOLED						
HCM634G2	548	548	548	548	548	n/a

*Fuel consumption; Unit: g/kWh



PRODUCT DIMENSIONS & DRY WEIGHT

L (mm):	3564 - 4575*
W (mm):	1614 - 1752*
H (mm):	1801 - 2448*
Dry weight (kg):	5800

*May differ due to choice of cooling system and alternator.

GENSET MAS 760-S S6R2-T2MPTK



COMMERCIAL RATING

Engine Speed	Frequency	Engine Power
1500 RPM	50 Hz	640 kWm
1200 RPM	60 Hz	500 kWm

GENERAL DATA

S6R2-T2MPTK, Mitsubishi, Stamford generator.
6-cylinder, 4 cycle, water cooled, diesel engine.
Turbocharged with air cooler, IMO2 emission certificate.

Bore x Stroke (mm): 170 x 180

Displacement (L): 29,96

POWER (kWe) AT 1500 RPM, 50Hz

Voltage (V)	380	400	415	440	690	Fuel cons.*
HEAT-EXCHANGED						
HCM634H2	612	612	612	612	606	n/a
KEEL-COOLED						
HCM634H2	612	612	612	612	606	n/a

DIESEL ELECTRIC POWER (kWe) AT 1500 RPM, 50Hz

Voltage (V)	380	400	415	440	690	Fuel cons.*
HEAT-EXCHANGED						
HCM634H2	612	612	612	612	606	n/a
KEEL-COOLED						
HCM634H2	612	612	612	612	606	n/a

*Fuel consumption; Unit: g/kWh

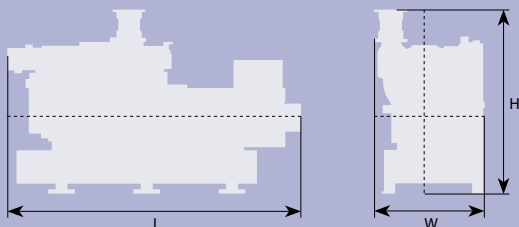
POWER (kWe) AT 1200 RPM, 60Hz

Voltage (V)	416	440	460	480	600	Fuel cons.*
HEAT-EXCHANGED						
HCM636K2	475	476	476	476	470	n/a
KEEL-COOLED						
HCM636K2	475	476	476	476	470	n/a

DIESEL ELECTRIC POWER (kWe) AT 1200 RPM, 60Hz

Voltage (V)	416	440	460	480	600	Fuel cons.*
HEAT-EXCHANGED						
HCM636K2	475	476	476	476	470	n/a
KEEL-COOLED						
HCM636K2	475	476	476	476	470	n/a

*Fuel consumption; Unit: g/kWh



PRODUCT DIMENSIONS & DRY WEIGHT

L (mm):	3564*
W (mm):	1614*
H (mm):	1881*
Dry weight (kg):	6000

*May differ due to choice of cooling system and alternator.

GENSET MAS 850-S S12A2-MPTAW



COMMERCIAL RATING

Engine Speed	Frequency	Engine Power
1500 RPM	50 Hz	709 kWm
1800 RPM	60 Hz	828 kWm

GENERAL DATA

S12A2-MPTAW, Mitsubishi, Stamford generator.
12-cylinder, 4 cycle, water cooled, diesel engine.
Turbocharged with air cooler, IMO2 emission certificate.

Bore x Stroke (mm): 150 x 160
Displacement (L): 33,93

POWER (kWe) AT 1500 RPM, 50Hz

Voltage (V)	380	400	415	440	690	Fuel cons.*
HEAT-EXCHANGED						
HCM634J2	678	678	678	678	678	n/a
KEEL-COOLED						
HCM634J2	678	678	678	678	678	n/a
RADIATOR-COOLED						
HCM634J2	662	662	663	663	663	n/a

DIESEL ELECTRIC POWER (kWe) AT 1500 RPM, 50Hz

Voltage (V)	380	400	415	440	690	Fuel cons.*
HEAT-EXCHANGED						
HCM634J2	678	678	678	678	678	n/a
KEEL-COOLED						
HCM634J2	678	678	678	678	678	n/a

*Fuel consumption; Unit: g/kWh

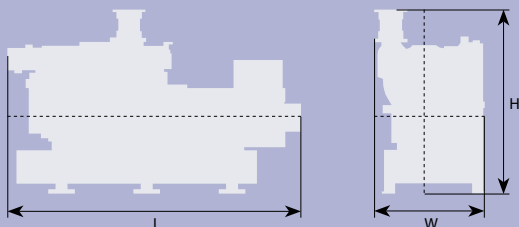
POWER (kWe) AT 1800 RPM, 60Hz

Voltage (V)	416	440	460	480	600	Fuel cons.*
HEAT-EXCHANGED						
HCM634J2	789	790	790	790	792	n/a
KEEL-COOLED						
HCM634J2	789	790	790	790	792	n/a
RADIATOR-COOLED						
HCM634J2	763	764	764	765	766	n/a

DIESEL ELECTRIC POWER (kWe) AT 1800 RPM, 60Hz

Voltage (V)	416	440	460	480	600	Fuel cons.*
HEAT-EXCHANGED						
HCM634J2	718	718	718	718	718	n/a
KEEL-COOLED						
HCM634J2	718	718	718	718	718	n/a

*Fuel consumption; Unit: g/kWh



PRODUCT DIMENSIONS & DRY WEIGHT

L (mm):	3703*
W (mm):	1818*
H (mm):	1934*
Dry weight (kg):	7500

*May differ due to choice of cooling system and alternator.

GENSET MAS 1350-S S12R-MPTAW



COMMERCIAL RATING

Engine Speed	Frequency	Engine Power
1500 RPM	50 Hz	1120 kWm
1800 RPM	60 Hz	1270 kWm
1200 RPM	60 Hz	840 kWm

GENERAL DATA

S12R-MPTAW, Mitsubishi, Stamford generator.
12-cylinder, 4 cyle, water cooled, diesel engine.
Turbocharged with air cooler, IMO2 emission certificate.

Bore x Stroke (mm): 170 x 180
Displacement (L): 49,03

POWER (kWe) AT 1500 RPM, 50Hz

Voltage (V)	380	400	415	440	690	Fuel cons.*
HEAT-EXCHANGED						
PM734E2	1081	1081	1081	1081	1077	n/a
KEEL-COOLED						
PM734E2	1081	1081	1081	1081	1077	n/a
RADIATOR-COOLED						
PM734E2	1047	1051	1047	1047	1047	n/a

DIESEL ELECTRIC PROPULSION (kWe) AT 1500 RPM, 50Hz

Voltage (V)	380	400	415	440	690	Fuel cons.*
HEAT-EXCHANGED						
PM734E2	1081	1081	1081	1081	1077	n/a
KEEL-COOLED						
PM734E2	1081	1081	1081	1081	1077	n/a

*Fuel consumption; Unit: g/kWh

POWER (kWe) AT 1800 RPM, 60Hz

Voltage (V)	416	440	460	480	600	Fuel cons.*
HEAT-EXCHANGED						
PM734E2	1219	1223	1222	1222	1225	n/a
KEEL-COOLED						
PM734E2	1219	1223	1222	1222	1225	n/a
RADIATOR-COOLED						
PM734E2	1172	1172	1172	1172	1178	n/a

POWER (kWe) AT 1200 RPM, 60Hz

Voltage (V)	416	440	460	480	600	Fuel cons.*
HEAT-EXCHANGED						
PM736F2	799	799	799	799	790	n/a
KEEL-COOLED						
PM736F2	799	799	799	799	790	n/a
RADIATOR-COOLED						
PM736F2	785	785	785	785	780	n/a

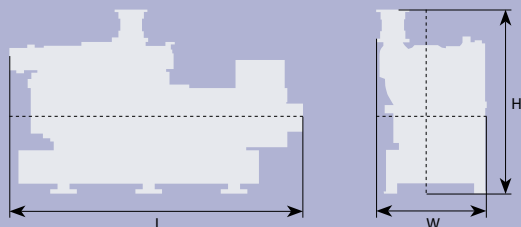
DIESEL ELECTRIC PROPULSION (kWe) AT 1800 RPM, 60Hz

Voltage (V)	416	440	460	480	600	Fuel cons.*
HEAT-EXCHANGED						
PM734E2	1108	1108	1108	1108	1108	n/a
KEEL-COOLED						
PM734E2	1108	1108	1108	1108	1108	n/a

DIESEL ELECTRIC PROPULSION (kWe) AT 1200 RPM, 60Hz

Voltage (V)	416	440	460	480	600	Fuel cons.*
HEAT-EXCHANGED						
PM736F2	799	799	799	799	790	n/a
KEEL-COOLED						
PM736F2	799	799	799	799	790	n/a

*Fuel consumption; Unit: g/kWh



PRODUCT DIMENSIONS & DRY WEIGHT

L (mm):	4162 - 4220*
W (mm):	1772 - 1832*
H (mm):	2366 - 2379*
Dry weight (kg):	10 300 - 11 300

*May differ due to choice of cooling system and alternator.

GENSET MAS 1795-S S16R-MPTAW



GENERAL DATA

S16R-MPTAW, Mitsubishi, Stamford generator.
16-cylinder, 4 cyle, water cooled, diesel engine.
Turbocharged with air cooler, IMO2 emission certificate.

Bore x Stroke (mm): 170 x 180
Displacement (L): 65,37

POWER (kWe) AT 1500 RPM, 50Hz

Voltage (V)	380	400	415	440	690	Fuel cons.*
HEAT-EXCHANGED						
PM734E2	1446	1437	1446	1446	1443	211
KEEL-COOLED						
PM734E2	1446	1437	1446	1446	1443	211
RADIATOR-COOLED						
PM734E2	1408	1408	1408	1408	1406	211

DIESEL ELECTRIC PROPULSION (kWe) AT 1500 RPM, 50Hz

Voltage (V)	380	400	415	440	690	Fuel cons.*
HEAT-EXCHANGED						
PM734E2	1446	1437	1446	1446	1443	211
KEEL-COOLED						
PM734E2	1446	1437	1446	1446	1443	211

*Fuel consumption; Unit: g/kWh

COMMERCIAL RATING

Engine Speed	Frequency	Engine Power
1500 RPM	50 Hz	1500 kWm
1800 RPM	60 Hz	1690 kWm
1200 RPM	60 Hz	1120 kWm

POWER (kWe) AT 1800 RPM, 60Hz

Voltage (V)	416	440	460	480	600	Fuel cons.*
HEAT-EXCHANGED						
PM734G2	1627	1633	1627	1627	1627	215
KEEL-COOLED						
PM734G2	1627	1633	1627	1627	1627	215
RADIATOR-COOLED						
PM734G2	1572	1578	1572	1572	1572	215

POWER (kWe) AT 1200 RPM, 60Hz

Voltage (V)	416	440	460	480	600	Fuel cons.*
HEAT-EXCHANGED						
PM736G2	1070	1070	1070	1070	1060	202
KEEL-COOLED						
PM736G2	1070	1070	1070	1070	1060	202
RADIATOR-COOLED						
PM736G2	1047	1047	1047	1047	1040	202

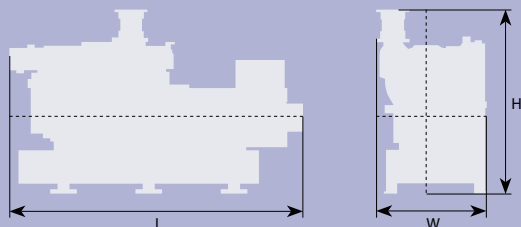
DIESEL ELECTRIC PROPULSION (kWe) AT 1800 RPM, 60Hz

Voltage (V)	416	440	460	480	600	Fuel cons.*
HEAT-EXCHANGED						
PM734G2	1485	1485	1485	1485	1485	n/a
KEEL-COOLED						
PM734G2	1485	1485	1485	1485	1485	n/a

DIESEL ELECTRIC PROPULSION (kWe) AT 1200 RPM, 60Hz

Voltage (V)	416	440	460	480	600	Fuel cons.*
HEAT-EXCHANGED						
PM736G2	1070	1070	1070	1070	1060	202
KEEL-COOLED						
PM736G2	1070	1070	1070	1070	1060	202

*Fuel consumption; Unit: g/kWh



PRODUCT DIMENSIONS & DRY WEIGHT

L (mm):	4781 - 4821*
W (mm):	1721*
H (mm):	2249*
Dry weight (kg):	15 500

*May differ due to choice of cooling system and alternator.

GENSET MAS 2350-S S16R2-T2MPTAW



COMMERCIAL RATING

Engine Speed	Frequency	Engine Power
1500 RPM	50 Hz	1960 kWm
1200 RPM	60 Hz	1568 kWm

GENERAL DATA

S16R2-T2MPTAW, Mitsubishi, AVK generator.
16-cylinder, 4 cycle, water cooled, diesel engine.
Turbocharged with air cooler, IMO2 emission certificate.

Bore x Stroke (mm): 170 x 180
Displacement (L): 79,9

POWER (kWe) AT 1500 RPM, 50Hz

Voltage (V)	380	400	415	440	690	Fuel cons.*
HEAT-EXCHANGED						
DSG86M1/4W	1886	1886	1837	1837	1870	208
KEEL-COOLED						
DSG86M1/4W	1886	1886	1886	1886	1870	208
RADIATOR-COOLED						
DSG86M1/4W	1837	1837	1837	1837	1830	208

DIESEL ELECTRIC PROPULSION (kWe) AT 1500 RPM, 50Hz

Voltage (V)	380	400	415	440	690	Fuel cons.*
HEAT-EXCHANGED						
DSG86M1/4W	1886	1886	1837	1837	1870	208
KEEL-COOLED						
DSG86M1/4W	1886	1886	1886	1886	1870	208

*Fuel consumption; Unit: g/kWh

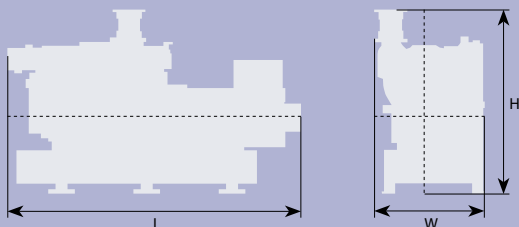
POWER (kWe) AT 1200 RPM, 60Hz

Voltage (V)	416	440	460	480	600	Fuel cons.*
HEAT-EXCHANGED						
DSG86M1/6W	1505	1505	1505	1505	1505	207
KEEL-COOLED						
DSG86M1/6W	1505	1505	1505	1505	1505	207
RADIATOR-COOLED						
DSG86M1/6W	1457	1457	1457	1457	1457	207

DIESEL ELECTRIC PROPULSION (kWe) AT 1200 RPM, 60Hz

Voltage (V)	416	440	460	480	600	Fuel cons.*
HEAT-EXCHANGED						
DSG86M1/6W	1505	1505	1505	1505	1505	207
KEEL-COOLED						
DSG86M1/6W	1505	1505	1505	1505	1505	207

*Fuel consumption; Unit: g/kWh



PRODUCT DIMENSIONS & DRY WEIGHT

L (mm):	5331*
W (mm):	1722*
H (mm):	2419*
Dry weight (kg):	18 000 - 19 000

*May differ due to choice of cooling system and alternator.

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AUXILIARY FIXED SPEED

AUXILIARY FIXED SPEED D5A T



GENERAL DATA

D5A T, Volvo Penta.
4-cylinder, 4 cycle, water cooled, diesel engine.
Turbocharged with air cooler, no emission certificate available.

Bore & Stroke (mm): 108 x 130
Displacement (L): 4,76

COMMERCIAL RATING

Engine Speed	Engine Power	Rating	Emission	Fuel cons.*
HEAT-EXCHANGED				
1500 RPM	77 kWm	Continuous	n/a	222
1800 RPM	81 kWm	Continuous	n/a	222
KEEL-COOLED				
1500 RPM	77 kWm	Continuous	n/a	222
1800 RPM	81 kWm	Continuous	n/a	222
RADIATOR-COOLED				
1500 RPM	77 kWm	Continuous	n/a	222
1800 RPM	81 kWm	Continuous	n/a	222

*Fuel consumption; Unit: g/kWh

PRODUCT DIMENSIONS & DRY WEIGHT

L (mm): 1018
W (mm): 813
H (mm): 959
Dry weight (kg): 580

AUXILIARY FIXED SPEED D5A TA



GENERAL DATA

D5A TA, Volvo Penta.
4-cylinder, 4 cycle, water cooled, diesel engine.
Turbocharged with air cooler, no emission certificate available.

Bore & Stroke (mm): 108 x 130
Displacement (L): 4,76

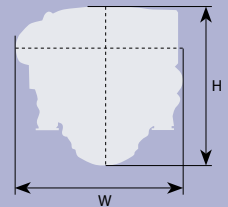
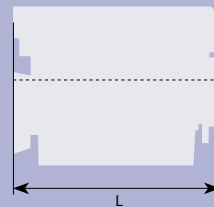
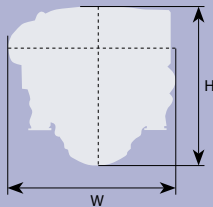
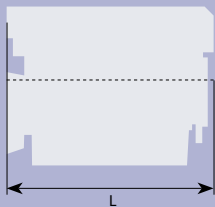
COMMERCIAL RATING

Engine Speed	Engine Power	Rating	Emission	Fuel cons.*
HEAT-EXCHANGED				
1500 RPM	92 kWm	Continuous	n/a	208
1800 RPM	100 kWm	Continuous	n/a	206
KEEL-COOLED				
1500 RPM	92 kWm	Continuous	n/a	208
1800 RPM	100 kWm	Continuous	n/a	206

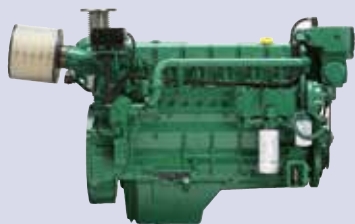
*Fuel consumption; Unit: g/kWh

PRODUCT DIMENSIONS & DRY WEIGHT

L (mm): 1018
W (mm): 813
H (mm): 959
Dry weight (kg): 580



AUXILIARY FIXED SPEED D7A T



GENERAL DATA

D7A T, Volvo Penta.
6-cylinder, 4 cycle, water cooled, diesel engine.
Turbocharged with air cooler, no emission certificate available.

Bore & Stroke (mm): 108 x 130
Displacement (L): 7,15

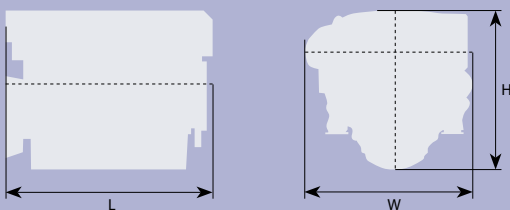
COMMERCIAL RATING

Engine Speed	Engine Power	Rating	Emission	Fuel cons.*
HEAT-EXCHANGED				
1500 RPM	116 KWM	Continuous	n/a	219
1800 RPM	122 KWM	Continuous	n/a	215
KEEL-COOLED				
1500 RPM	116 KWM	Continuous	n/a	219
1800 RPM	122 KWM	Continuous	n/a	215
RADIATOR-COOLED				
1500 RPM	116 kWm	Continuous	n/a	219
1800 RPM	122 kWm	Continuous	n/a	215

*Fuel consumption; Unit: g/kWh

PRODUCT DIMENSIONS & DRY WEIGHT

L (mm): 1280
W (mm): 948
H (mm): 1060
Dry weight (kg): 760



AUXILIARY FIXED SPEED D7A TA



GENERAL DATA

D7A TA, Volvo Penta.
6-cylinder, 4 cycle, water cooled, diesel engine.
Turbocharged with air cooler, IMO2 emission certificate.

Bore & Stroke (mm): 108 x 130
Displacement (L): 7,15

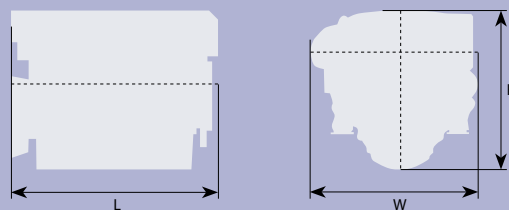
COMMERCIAL RATING

Engine Speed	Engine Power	Rating	Emission	Fuel cons.*
HEAT-EXCHANGED				
1500 RPM	139 KWM	Continuous	IMO2	207
1800 RPM	148 KWM	Continuous	IMO2	206
KEEL-COOLED				
1500 RPM	139 KWM	Continuous	IMO2	207
1800 RPM	148 KWM	Continuous	IMO2	206

*Fuel consumption; Unit: g/kWh

PRODUCT DIMENSIONS & DRY WEIGHT

L (mm): 1280
W (mm): 948
H (mm): 1060
Dry weight (kg): 760



AUXILIARY FIXED SPEED D9MG



GENERAL DATA

D9MG, Volvo Penta.
6-cylinder, 4 cycle, water cooled, diesel engine.
Turbocharged with air cooler, IMO2 emission certificate.

Bore & Stroke (mm): 120 x 138
Displacement (L): 9,36

COMMERCIAL RATING

Engine Speed	Engine Power	Rating	Emission	Fuel cons.*
HEAT-EXCHANGED				
1500 RPM	239 kWm	Continuous	IMO2	205
1800 RPM	265 kWm	Continuous	IMO2	207
KEEL-COOLED				
1500 RPM	239 kWm	Continuous	IMO2	205
1800 RPM	265 kWm	Continuous	IMO2	207
RADIATOR-COOLED				
1500 RPM	239 kWm	Continuous	IMO2	204
1800 RPM	265 kWm	Continuous	IMO2	206

*Fuel consumption; Unit: g/kWh

PRODUCT DIMENSIONS & DRY WEIGHT

L (mm): 1488
W (mm): 1056
H (mm): 1035
Dry weight (kg): 1150

AUXILIARY FIXED SPEED D13MG



GENERAL DATA

D13MG, Volvo Penta.
6-cylinder, 4 cycle, water cooled, diesel engine.
Turbocharged with air cooler, IMO2 emission certificate.

Bore & Stroke (mm): 131 x 158
Displacement (L): 12,78

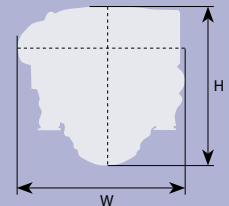
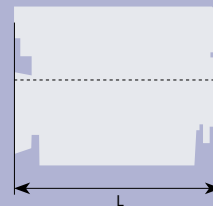
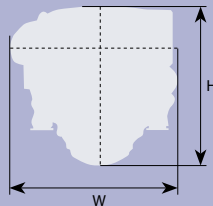
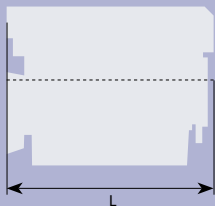
COMMERCIAL RATING

Engine Speed	Engine Power	Rating	Emission	Fuel cons.*
HEAT-EXCHANGED				
1500 RPM	300 kWm	Continuous	IMO2	194
1800 RPM	360 kWm	Continuous	IMO2	200
1500 RPM	360 kWm	Continuous	IMO2	191
1800 RPM	400 kWm	Continuous	IMO2	199
KEEL-COOLED				
1500 RPM	300 kWm	Continuous	IMO2	194
1800 RPM	360 kWm	Continuous	IMO2	200
1500 RPM	360 kWm	Continuous	IMO2	191
1800 RPM	400 kWm	Continuous	IMO2	199
RADIATOR-COOLED				
1500 RPM	300 kWm	Continuous	IMO2	194
1800 RPM	360 kWm	Continuous	IMO2	200
1500 RPM	360 kWm	Continuous	IMO2	191
1800 RPM	400 kWm	Continuous	IMO2	199

*Fuel consumption; Unit: g/kWh

PRODUCT DIMENSIONS & DRY WEIGHT

L (mm): 1728
W (mm): 1072
H (mm): 1501
Dry weight (kg): 1520



AUXILIARY FIXED SPEED D13MG EPA



GENERAL DATA

D13MG, Volvo Penta.
6-cylinder, 4 cycle, water cooled, diesel engine.
Turbocharged with air cooler, EPA emission certificate.

Bore & Stroke (mm): 131 x 158
Displacement (L): 12,78

COMMERCIAL RATING

Engine Speed	Engine Power	Rating	Emission	Fuel cons.*
HEAT-EXCHANGED				
1500 RPM	300 kWm	Continuous	EPA	203
1800 RPM	360 kWm	Continuous	EPA	215
1500 RPM	360 kWm	Continuous	EPA	202
1800 RPM	400 kWm	Continuous	EPA	209
KEEL-COOLED				
1500 RPM	300 kWm	Continuous	EPA	203
1800 RPM	360 kWm	Continuous	EPA	215
1500 RPM	360 kWm	Continuous	EPA	202
1800 RPM	400 kWm	Continuous	EPA	209
RADIATOR-COOLED				
1500 RPM	300 kWm	Continuous	EPA	203
1800 RPM	360 kWm	Continuous	EPA	216
1500 RPM	360 kWm	Continuous	EPA	196
1800 RPM	400 kWm	Continuous	EPA	206

*Fuel consumption; Unit: g/kWh

PRODUCT DIMENSIONS & DRY WEIGHT

L (mm): 1728
W (mm): 1072
H (mm): 1501
Dry weight (kg): 1520

AUXILIARY FIXED SPEED D16MG



GENERAL DATA

D16MG, Volvo Penta.
6-cylinder, 4 cycle, water cooled, diesel engine.
Turbocharged with air cooler, IMO2 emission certificate.

Bore & Stroke (mm): 144 x 165
Displacement (L): 16,12

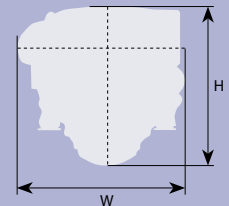
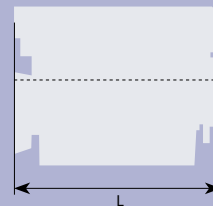
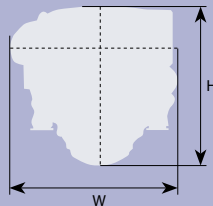
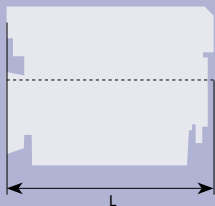
COMMERCIAL RATING

Engine Speed	Engine Power	Rating	Emission	Fuel cons.*
HEAT-EXCHANGED				
1500 RPM	450 kWm	Continuous	IMO2	206
1800 RPM	500 kWm	Continuous	IMO2	213
KEEL-COOLED				
1500 RPM	450 kWm	Continuous	IMO2	206
1800 RPM	500 kWm	Continuous	IMO2	213
RADIATOR-COOLED				
1500 RPM	450 kWm	Continuous	IMO2	206
1800 RPM	500 kWm	Continuous	IMO2	213

*Fuel consumption; Unit: g/kWh

PRODUCT DIMENSIONS & DRY WEIGHT

L (mm): 1548
W (mm): 1117
H (mm): 1303
Dry weight (kg): 1750



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Auxiliary engines at variable speed by Volvo Penta are characterized by their high quality and reliability. Exactly what is needed for applications such as gensets, pumps, hydraulics, air compressors, firefighting equipment or cranes. With a power range of 89 to 552 kWm, all engines are classifiable, fulfil most emission regulations and are complemented by global warranty availability and service by the Volvo Penta dealer network. Particularly relevant for OEM manufacturers, they can also be delivered with an open CAN interface or a complete Volvo Penta-based control system.

RATING 1 (Heavy Duty Commercial)

For commercial vessels with displacement hulls in heavy operation. Load and speed could be constant, and full power can be used without interruption.

RATING 2 (Medium Duty Commercial)

For commercial vessels with semiplaning or displacement hulls in cyclical operation. Full power could be utilized max. 4 hours per 12 hours operation period. Between full load operation periods, engine speed should be reduced at least 10% from the obtained full load engine speed.

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AUXILIARY VARIABLE SPEED

AUXILIARY VARIABLE SPEED D5A TA



GENERAL DATA

D5A TA, Volvo Penta.
4-cylinder, 4 cycle, water cooled, diesel engine.
Turbocharged with air cooler, no emission certificate available.

Bore & Stroke (mm): 108 x 130
Displacement (L): 4,76

COMMERCIAL RATING

Engine Speed	Engine Power	Rating	Emission	Fuel cons.*
HEAT-EXCHANGED				
1900 RPM	89 kWm	1	n/a	203
2300 RPM	102 kWm	1	n/a	214
1900 RPM	103 kWm	2	n/a	208
2300 RPM	118 kWm	2	n/a	210
KEEL-COOLED				
1900 RPM	89 kWm	1	n/a	203
2300 RPM	102 kWm	1	n/a	214
1900 RPM	103 kWm	2	n/a	208
2300 RPM	118 kWm	2	n/a	210

*Fuel consumption; Unit: g/kWh

PRODUCT DIMENSIONS & DRY WEIGHT

L (mm): 1018
W (mm): 813
H (mm): 959
Dry weight (kg): 580

AUXILIARY VARIABLE SPEED D7A TA



GENERAL DATA

D7A TA, Volvo Penta.
6-cylinder, 4 cycle, water cooled, diesel engine.
Turbocharged with air cooler, IMO2 emission certificate.

Bore & Stroke (mm): 108 x 130
Displacement (L): 7,15

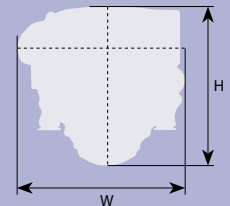
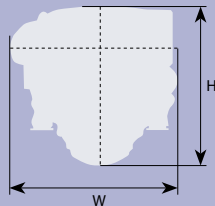
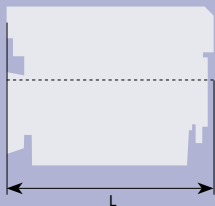
COMMERCIAL RATING

Engine Speed	Engine Power	Rating	Emission	Fuel cons.*
HEAT-EXCHANGED				
1900 RPM	130 kWm	1	IMO2	213
2300 RPM	148 kWm	1	IMO2	229
1900 RPM	153 kWm	2	IMO2	213
2300 RPM	174 kWm	2	IMO2	226
Keel-cooled				
1900 RPM	130 kWm	1	IMO2	213
2300 RPM	148 kWm	1	IMO2	229
1900 RPM	153 kWm	2	IMO2	213
2300 RPM	174 kWm	2	IMO2	226

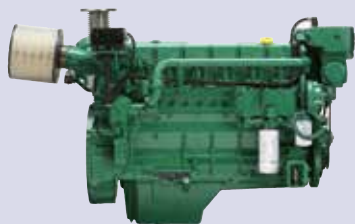
*Fuel consumption; Unit: g/kWh

PRODUCT DIMENSIONS & DRY WEIGHT

L (mm): 1280
W (mm): 948
H (mm): 1060
Dry weight (kg): 760



AUXILIARY VARIABLE SPEED D7C TA



GENERAL DATA

D7C TA, Volvo Penta.
6-cylinder, 4 cycle, water cooled, diesel engine.
Turbocharged with air cooler, IMO2 emission certificate.

Bore & Stroke (mm): 108 x 130
Displacement (L): 7,15

COMMERCIAL RATING

Engine Speed	Engine Power	Rating	Emission	Fuel cons.*
HEAT-EXCHANGED				
1900 RPM	146 kWm	1	IMO2	213
2300 RPM	166 kWm	1	IMO2	230
1900 RPM	169 kWm	2	IMO2	213
2100 RPM	182 kWm	2	IMO2	219
2300 RPM	195 kWm	2	IMO2	228
KEEL-COOLED				
1900 RPM	146 kWm	1	IMO2	213
2300 RPM	166 kWm	1	IMO2	230
1900 RPM	169 kWm	2	IMO2	213
2100 RPM	182 kWm	2	IMO2	219
2300 RPM	195 kWm	2	IMO2	228

*Fuel consumption; Unit: g/kWh

PRODUCT DIMENSIONS & DRY WEIGHT

L (mm): 1282
W (mm): 929
H (mm): 1070
Dry weight (kg): 760

AUXILIARY VARIABLE SPEED D9 MH



GENERAL DATA

D9MH, Volvo Penta.
6-cylinder, 4 cycle, water cooled, diesel engine.
Turbocharged with air cooler, IMO2 emission certificate.

Bore & Stroke (mm): 120 x 138
Displacement (L): 9,36

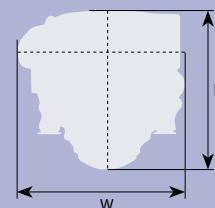
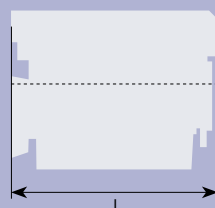
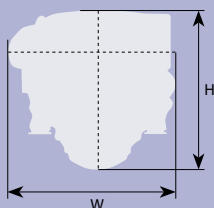
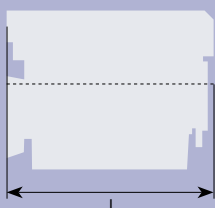
COMMERCIAL RATING

Engine Speed	Engine Power	Rating	Emission	Fuel cons.*
HEAT-EXCHANGED				
1800 RPM	221 kWm	1	IMO2	205
1800 RPM	261 kWm	1	IMO2	205
2200 RPM	261 kWm	1	IMO2	219
2200 RPM	313 kWm	2	IMO2	222
KEEL-COOLED				
1800 RPM	221 kWm	1	IMO2	205
1800 RPM	261 kWm	1	IMO2	205
2200 RPM	261 kWm	1	IMO2	219
2200 RPM	313 kWm	2	IMO2	222

*Fuel consumption; Unit: g/kWh

PRODUCT DIMENSIONS & DRY WEIGHT

L (mm): 1488
W (mm): 1056
H (mm): 1035
Dry weight (kg): 1150



AUXILIARY VARIABLE SPEED D13MH EPA



GENERAL DATA

D13MH, Volvo Penta.

6-cylinder, 4 cycle, water cooled, diesel engine.

Turbocharged with air cooler, EPA emission certificate.

Bore & Stroke (mm): 131 x 158

Displacement (L): 12,78

COMMERCIAL RATING

Engine Speed	Engine Power	Rating	Emission	Fuel cons.*
HEAT-EXCHANGED				
1800 RPM	294 kWm	1	EPA	208
1800 RPM	331 kWm	1	EPA	211
1800 RPM	368 kWm	1	EPA	212
1900 RPM	404 kWm	2	EPA	213
1900 RPM	441 kWm	2	EPA	213
KEEL-COOLED				
1800 RPM	294 kWm	1	EPA	208
1800 RPM	331 kWm	1	EPA	211
1800 RPM	368 kWm	1	EPA	212
1900 RPM	404 kWm	2	EPA	213
1900 RPM	441 kWm	2	EPA	213

*Fuel consumption; Unit: g/kWh

PRODUCT DIMENSIONS & DRY WEIGHT

L (mm):	1728
W (mm):	1072
H (mm):	1501
Dry weight (kg):	1520

AUXILIARY VARIABLE SPEED D13MH



GENERAL DATA

D13MH, Volvo Penta.

6-cylinder, 4 cycle, water cooled, diesel engine.

Turbocharged with air cooler, IMO2 emission certificate.

Bore & Stroke (mm): 131 x 158

Displacement (L): 12,78

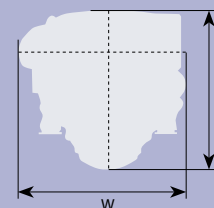
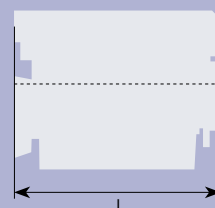
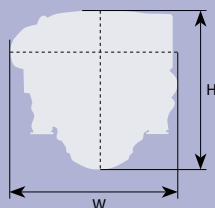
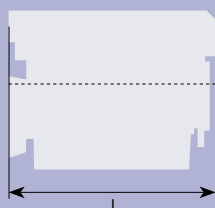
COMMERCIAL RATING

Engine Speed	Engine Power	Rating	Emission	Fuel cons.*
HEAT-EXCHANGED				
1800 RPM	214 kWm	1	IMO2	207
1800 RPM	294 kWm	1	IMO2	200
1800 RPM	331 kWm	1	IMO2	196
1800 RPM	368 kWm	1	IMO2	199
1900 RPM	404 kWm	2	IMO2	204
1900 RPM	441 kWm	2	IMO2	205
KEEL-COOLED				
1800 RPM	214 kWm	1	IMO2	207
1800 RPM	294 kWm	1	IMO2	200
1800 RPM	331 kWm	1	IMO2	196
1800 RPM	368 kWm	1	IMO2	199
1900 RPM	404 kWm	2	IMO2	204
1900 RPM	441 kWm	2	IMO2	205

*Fuel consumption; Unit: g/kWh

PRODUCT DIMENSIONS & DRY WEIGHT

L (mm):	1728
W (mm):	1072
H (mm):	1501
Dry weight (kg):	1520



AUXILIARY VARIABLE SPEED D16MH EPA



GENERAL DATA

D16MH, Volvo Penta.
6-cylinder, 4 cycle, water cooled, diesel engine.
Turbocharged with air cooler, EPA emission certificate.

Bore & Stroke (mm): 144 x 165
Displacement (L): 16,12

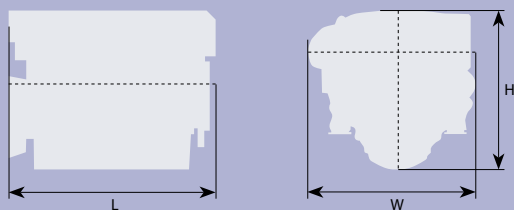
COMMERCIAL RATING

Engine Speed	Engine Power	Rating	Emission	Fuel cons.*
HEAT-EXCHANGED				
1800 RPM	442 kWm	1	EPA	207
1900 RPM	479 kWm	1	EPA	206
1900 RPM	552 kWm	2	EPA	210
KEEL-COOLED				
1800 RPM	442 kWm	1	EPA	207
1900 RPM	479 kWm	1	EPA	206
1900 RPM	552 kWm	2	EPA	210

*Fuel consumption; Unit: g/kWh

PRODUCT DIMENSIONS & DRY WEIGHT

L (mm): 1548
W (mm): 1117
H (mm): 1303
Dry weight (kg): 1750



AUXILIARY VARIABLE SPEED D16MH



GENERAL DATA

D16MH, Volvo Penta.
6-cylinder, 4 cycle, water cooled, diesel engine.
Turbocharged with air cooler, IMO2 emission certificate.

Bore & Stroke (mm): 144 x 165
Displacement (L): 16,12

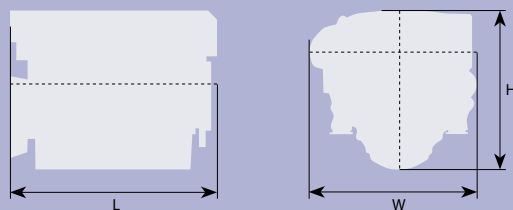
COMMERCIAL RATING

Engine Speed	Engine Power	Rating	Emission	Fuel cons.*
HEAT-EXCHANGED				
1800 RPM	368 kWm	1	IMO2	210
1800 RPM	405 kWm	1	IMO2	210
1800 RPM	442 kWm	1	IMO2	210
1900 RPM	479 kWm	2	IMO2	209
1900 RPM	552 kWm	2	IMO2	209
KEEL-COOLED				
1800 RPM	368 kWm	1	IMO2	210
1800 RPM	405 kWm	1	IMO2	210
1800 RPM	442 kWm	1	IMO2	210
1900 RPM	479 kWm	2	IMO2	209
1900 RPM	552 kWm	2	IMO2	209

*Fuel consumption; Unit: g/kWh

PRODUCT DIMENSIONS & DRY WEIGHT

L (mm): 1548
W (mm): 1117
H (mm): 1303
Dry weight (kg): 1750





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