

NEW

Generation

DAEWOO

Marine Diesel Engine

- *Compact Design*
- *Excellent Performance*
- *Super Low Fuel Consumption*
- *Easy Maintenance*



- **Continuous Rating (BHP)**
 - 160PS (118kW)
- **Displacement**
 - 8,071cc
- **Dimension (L×W×H)**
 - 1,182×770×925mm
 - Without Reduction Gear

L136

Thinking about power

Think DAEWOO



Fuel filter



Heat Exchanger



Air Filter



Expansion Tank

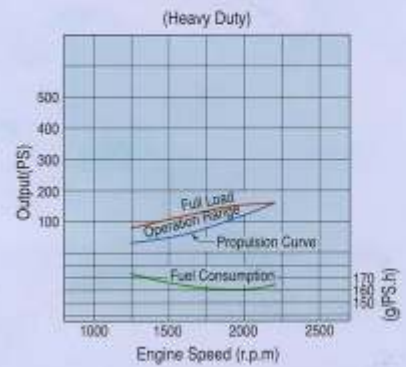


DAEWOO
DAEWOO HEAVY INDUSTRIES &
MACHINERY LTD.

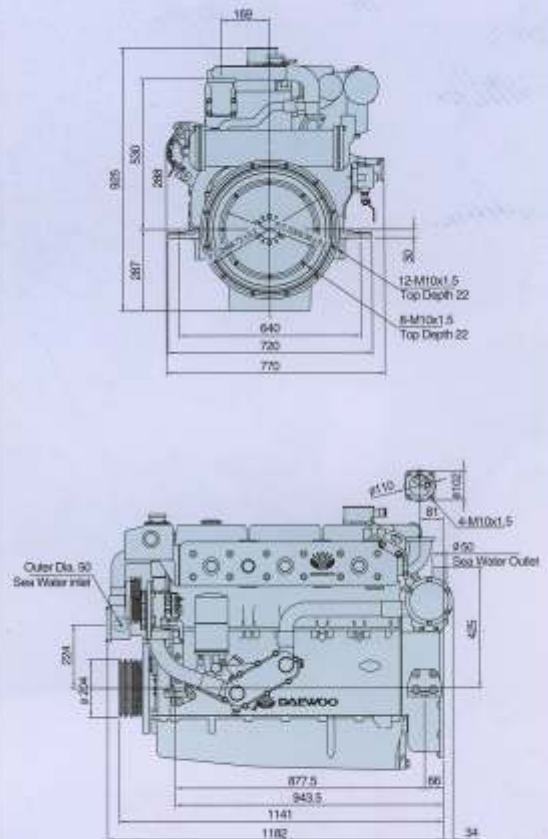
Main Specification

Model	Units	L136	
Engine type		4cycle, In line, direct-injection, watercooled, naturally aspirated	
Rating output (B.H.P)	PS(kW)/rpm	160(118) / 2,200	
Displacement	cc	8,071	
Cylinder number - bore (φ) X stroke	mm	6 - φ 111 X 139	
Valve clearance at cold	In / Ex	mm	0.3 / 0.3
Low idling rpm	rpm	725 ± 25	
No load max. rpm	rpm	below 2,400	
Mean effective pressure	kg / cm ²	8.07	
Mean piston speed	m / sec.	10.19	
Compression ratio		17.6 : 1	
Firing order		1 - 5 - 3 - 6 - 4 - 2	
Max. firing pressure of cylinder	kg / cm ²	80	
Compression pressure	At 200rpm	kg / cm ²	28 (Initial condition)
Governor type of injection pump		Mechanical all speed (R.S.V)	
Fuel consumption	g / PS.h	165	
	Lit/h	32	
Injection timing(B.T.D.C)	deg	18° ± 1°	
Fuel inj. nozzle opening pressure	kg / cm ²	214±8	
Starting system		Electric Starting by starter motor	
Starter motor capacity	V - kW	24 - 4.5	
Alternator capacity	V - A	24 - 50	
Battery	V - Ah	24 - 150	
Cooling system		Indirect sea water cooling with heat exchanger	
Cooling water capacity	Max. / Min.	lit	27 / 25
Fresh water pump type		Centrifugal type, driven by V-belt	
Sea water pump type		Rubber impeller type driven by gear	
Lubricating oil (Engine)	pan capacity	lit	Max : 23, Min : 17 (Engine total : 25)
	pressure	kg / cm ²	Full : 3.5, Idle : 1.2
Marine gear	Model		TK250 (TaePyongYang)
	Gear ratio		1.70 2.00 2.50 3.00
Direction of revolution	crankshaft		Counter clockwise viewed from stern side
	propeller		Clockwise viewed from stern side
Engine Size (L×W×H)	Without M/G	mm	1,182 × 770 × 925
	With M.gear	mm	1,546 × 770 × 937
Engine dry weight	Without M/G	kg	735
	With M.gear	kg	920

Performance Curve



Engine Dimension



L136(Aug./03)



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AUTHORIZED DEALER

* Specifications are subject to change without prior notice.