

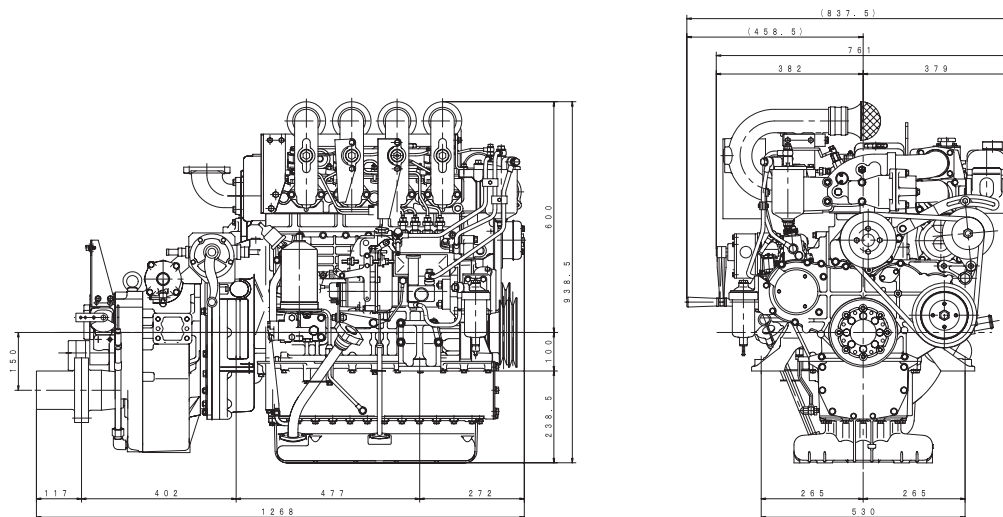
UM4BG12

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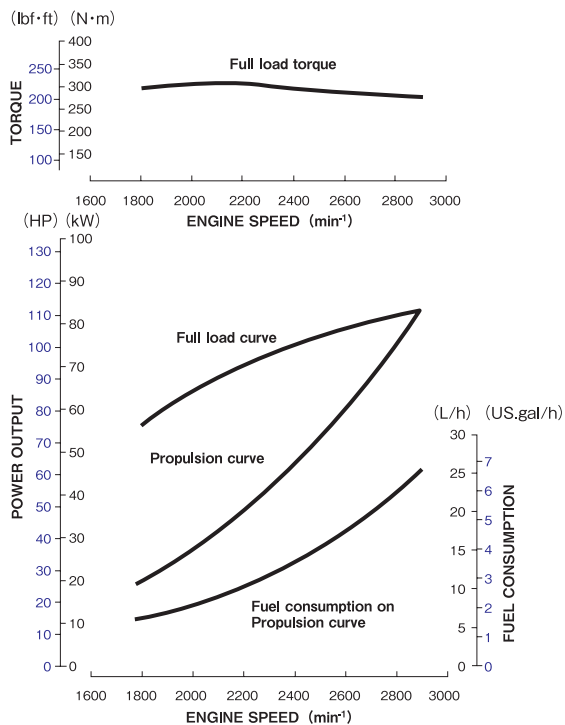
ISUZU MOTORS ENGINE SALES INC.

UM4BG1Z

DIMENSIONS (mm)



PERFORMANCE CURVES



ENGINE SPECIFICATIONS

Configuration		4-cylinder, vertical in-line, 4-cycle diesel engine	
Bore x Stroke		mm (in)	105 x 125 (4.13 x 4.92)
Displacement		Lit. (cid)	4,329 (264)
Rated output	kW(PS)/min ⁻¹	Medium duty	81 (110) / 2900
Application		Commercial use	
Governor type		Mechanical	
Combustion type		Direct injection	
Aspiration		Natural aspiration	
Engine weight	kg (lb)	Engine	436 (961)
		with MGN35A-1	589 (1,298)
Fuel used		Diesel fuel	
Starter		V-kW	24 - 4.5
Alternator		V-A	24 - 30
Lubrication method		Full flow pressure circulation	
Cooling method		Freshwater, full flow pressure circulation (Seawater, indirect)	
Heat exchanger (seawater circulation)		Multi-tube type (freshwater→seawater)	
Intercooler		Multi-tube type (seawater circulation)	
Rotation direction	Crankshaft	Right (clockwise) viewed from front of engine	
	Propeller shaft	Right (clockwise) viewed from stern	
Idling speed	min ⁻¹		500~550
	Marine Gear Model	MGN35A-1	
Marine gear	Clutch type		Wet, Multi-plate hydraulic type
	Reverse type		Constant-mesh type gear
	Reduction ratio		2.56, 3.05, 3.45

Specifications subject to change without notice

ACCESSORIES

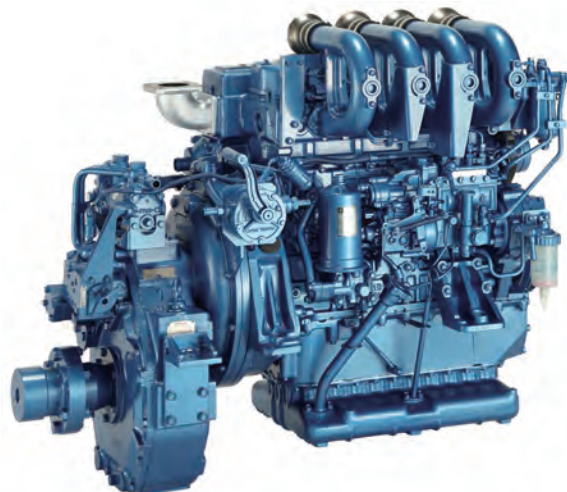
Standard

- Installation kit
- Battery relay
- Extension harness (3m)
- Seawater pump impeller *
- Bilge pump
- Control head
- Instrument panel
- Oil drain pump
- Blow-by pipe
- Tool kit
- Owner's manual

* spare parts

Option

- Extension harness (3m)
- Control cable (4m,6m,10m,12m)
- Stop cable (4m,6m,8m)
- Kingston valve



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