

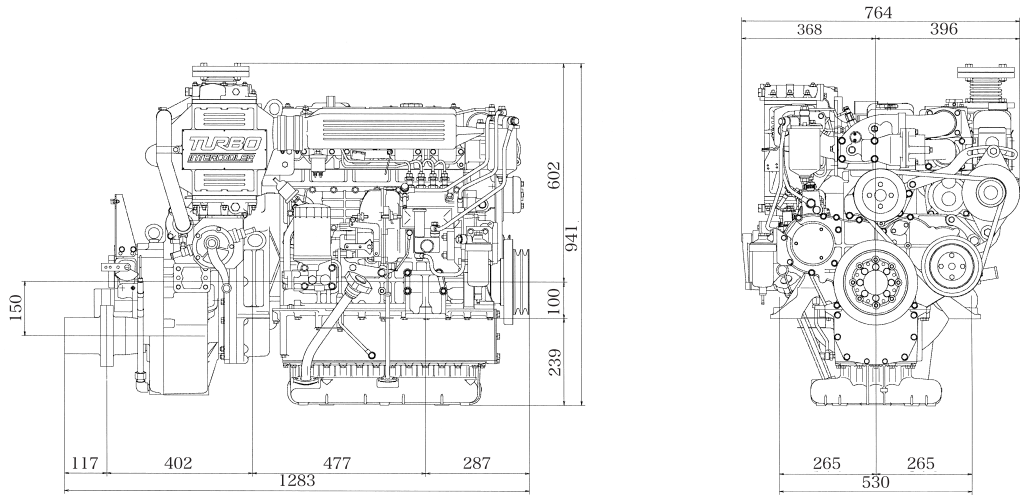
# UM4BG1TCX

**ISUZU**

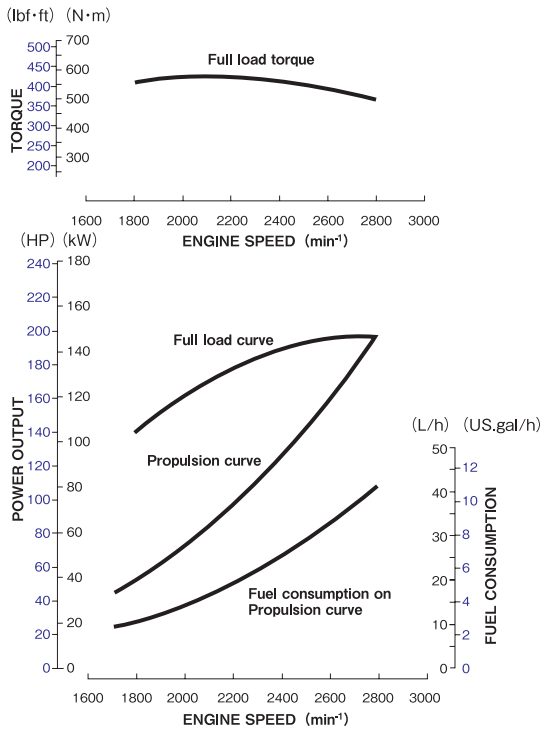
ISUZU MOTORS ENGINE SALES INC.

# UM4BG1TCX

## 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 <sup>-1</sup>	Medium duty	134 (182) / 2700
		Light duty	147 (200) / 2800
Application		Commercial use	
Governor type		Mechanical	
Combustion type		Direct injection	
Aspiration		Turbo charged / Intercooler	
Exhaust gas status		IMO Tier II	
Engine weight	kg (lb)	Engine	515(1,135)
		with MGN35A-1	668(1,473)
Fuel used		Diesel fuel	
Starter		V-kW 24 - 4.5	
Alternator		V-A 24 - 50	
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 <sup>-1</sup>	550
Marine gear	Marine Gear Model	MGN35A-1	
	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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