

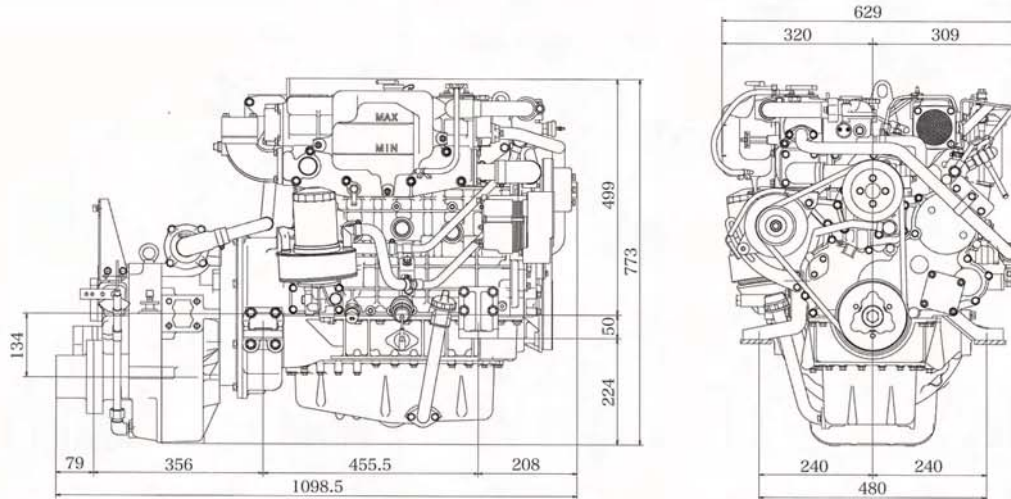
UM4JB1

ISUZU

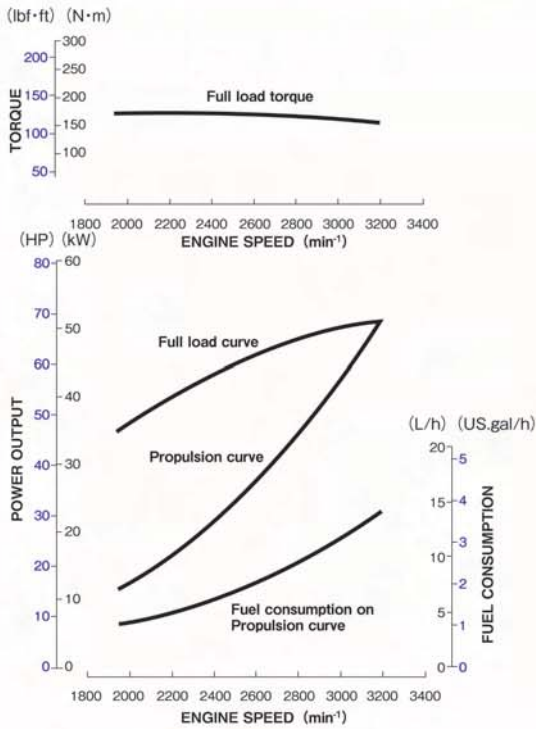
ISUZU MOTORS ENGINE SALES INC.

UM4JB1

DIMENSIONS (mm)



PERFORMANCE CURVES



ENGINE SPECIFICATIONS

Configuration	4-cylinder, vertical in-line, 4-cycle diesel engine	
Bore x Stroke	mm (in)	93 x 102 (3.66 x 4.02)
Displacement	Lit. (cid)	2.771 (169)
Rated output	kW(PS)/ min^{-1}	Medium duty 49 (67) / 3200
Application	Commercial use	
Governor type	Mechanical	
Combustion type	Direct injection	
Aspiration	Natural aspiration	
Engine weight	kg (lb)	Engine with MGN30A 290 (639) 416 (917)
Fuel used	Diesel fuel	
Starter	V-kW	24 - 3.2
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	Marine Gear Model	MGN30A
	Clutch type	Wet, Multi plate hydraulic type
	Reverse type	Constant-mesh type gear
	Reduction ratio	2.04, 2.52, 3.05, 3.44

Specifications subject to change without notice

ACCESSORIES

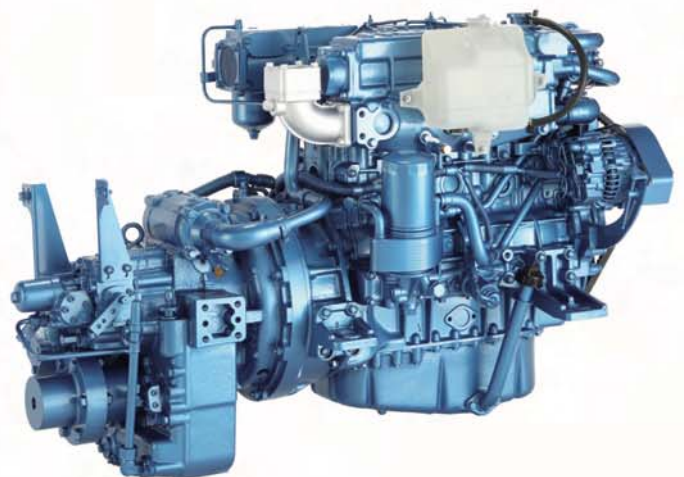
Standard

- Installation kit
- Kingston valve
- Battery relay
- Extension harness (3m)
- Seawater pump impeller *
- Bilge pump
- Control head
- Instrument panel
- Tool kit
- Owner's manual

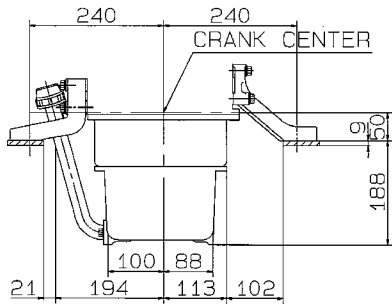
* spare parts

Option

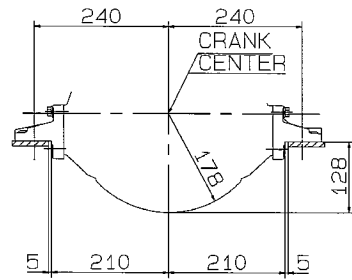
- Extension harness (3m)
- Control cable (4m,6m,10m,12m)
- Stop cable (4m,6m,8m)



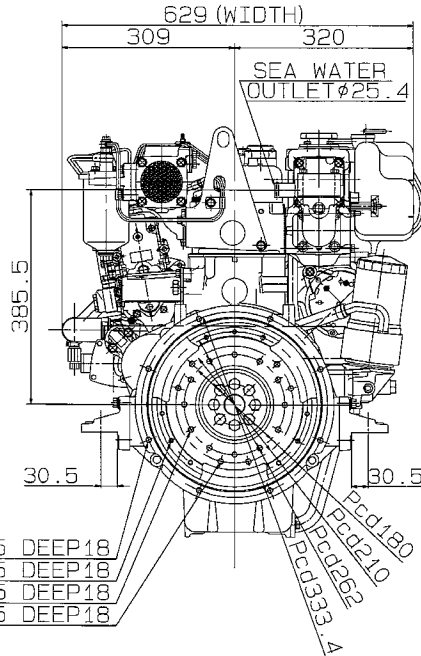
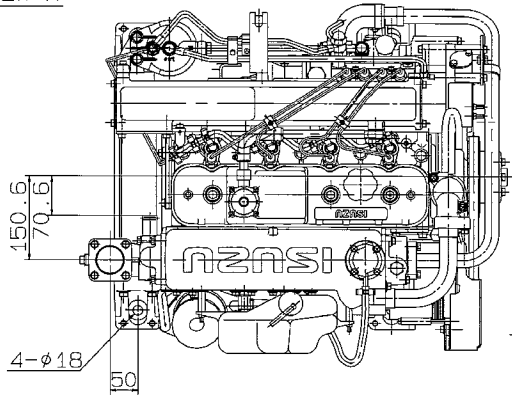
ISUZU UM4JB1 DIESEL ENGINE GEAR LESS



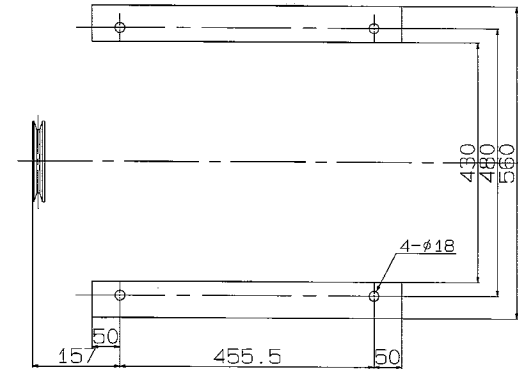
VIEW A



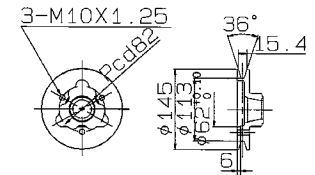
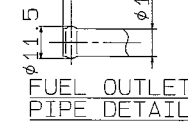
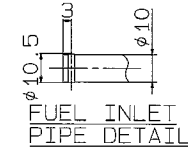
VIEW B



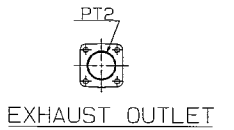
- 8-M10×1.5 DEEP18
- 9-M8×1.25 DEEP18
- 12-M10×1.5 DEEP18
- 6-M10×1.5 DEEP18



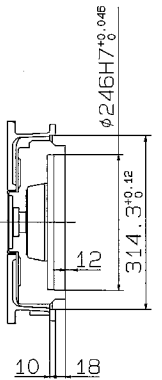
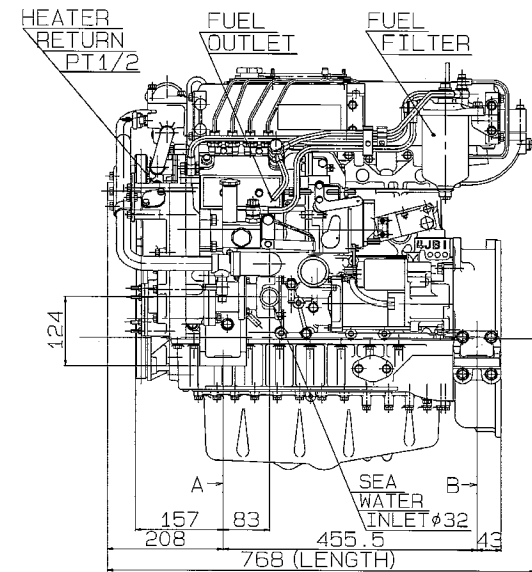
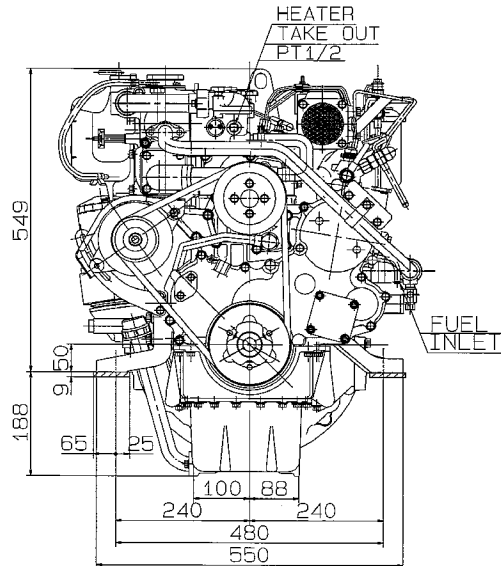
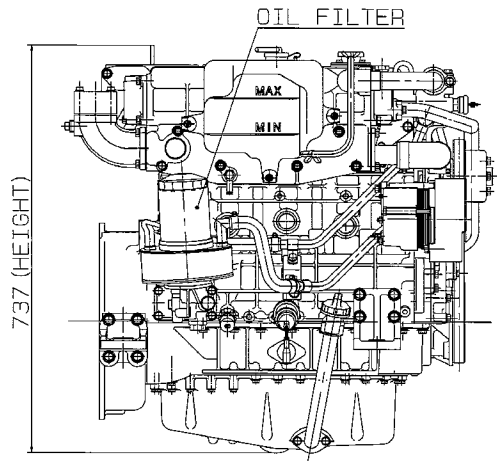
ENGINE MOUNTING



CRANK PULLY DETAIL



EXHAUST OUTLET



ISUZU UM4JB1 DIESEL ENGINE

MGN30A-2

