

INDUSTRIAL ENGINE CATALOGUE

ISUZU
POWERTRAIN

Automotive • Marine • Industrial



4LE2

Isuzu Philippines Corporation

Industrial Engine Technical Information

Description

The Isuzu 4L-Series is an incredibly durable industrial diesel engine and employs many of the advantages of larger engines. Features including a closed crankcase vent system, gear driven timing train, uniting pumps, and direct injection keep this model clean, quiet and efficient.

	4LE2
Type:	Four Water-Cooled, Overhead Valve, Vertical In-Line, Direct Injection Type
Number of cylinder	4
Bore and Stroke (mm)	85.0 x 96.0
Displacement (liters)	2.2
Compression Ratio	18.8 to 1
Firing Order	1-3-4-2
Rating (DIN; without cooling fan)	
Output, kW (PS) rpm	28.1 (38) /1800
Idle Engine Speed, rpm	1050 ± 25
No Load Max. Engine Speed, rpm	1940 ± 5
Air Intake System	Naturally Aspirated
Lubrication System	Full Forced Pressure Feed Type
Oil Pump	Trochoid Type Oil Pump by Crank Gear
Lubrication Oil Capacity	Max 8.4 Lit. Min. 5.9 Lit (Oil Pan Only)
Cooling System	Water Circulation Type by Pressurized Centrifugal Vane Type by Vee Belt Driven
Coolant Capacity, (liters)	2.8 (engine only)
Fuel System	By Plunger and Nozzle, High Pressure Solid Injection Type
Injection Pump	Zexel Make, Bosch PFR Type
Governor	Variable Speed Control Mechanical Governor
Electrical System	Negative Grounding System, 24V
Starter, (V-KW)	24-3-2
Alternator (V-KW)	24-20
Dry Weight, (kg)	156
Dimension, (Lx W x H) (mm)	657 x 486 x 602

Isuzu Philippines Corporation reserves the right to change the specifications without prior notice

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