



# daedong

## 3C100



Type	Rated RPM	Rated Power(kW/HP)	Max. Torque (N·m/rpm)
3C100LFS-U1	3000	16.4 / 22.0	54(5.5) / 2300
3C100LFS-U	3000	17.9 / 24.0	61(6.2) / 2300

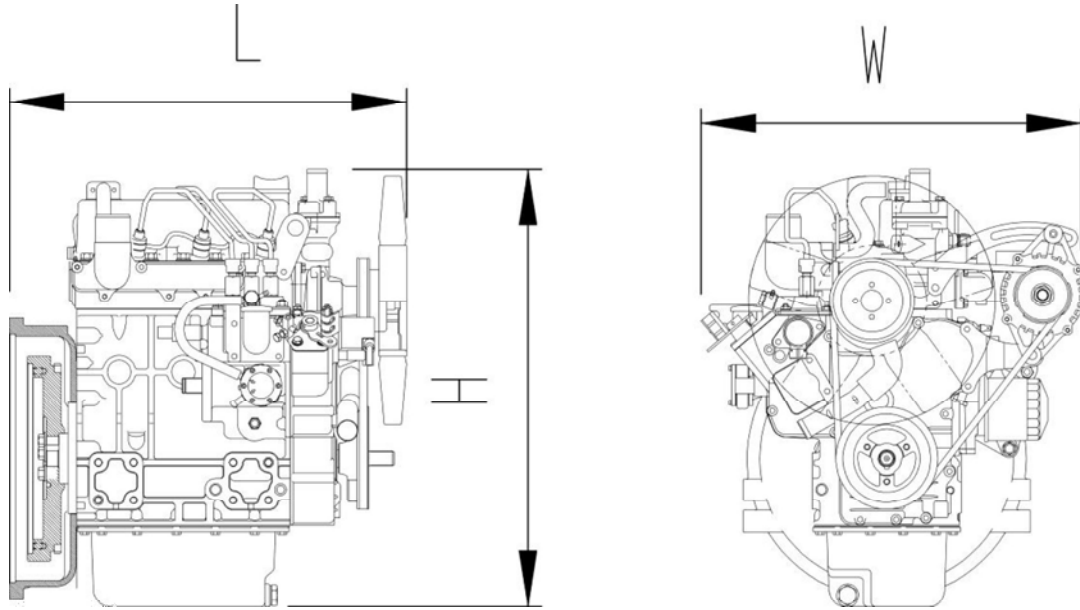
### ◎ GENERAL ENGINE DATA

▶ Emission Level	EPA : Tier4(NTE)
▶ Engine Type	3-Cylinder, 4-Cycle, In-line, Diesel, Water cooled, N/A
▶ Bore x Stroke	Ø75 x 76 mm
▶ Displacement	1.007 liters
▶ Compression Ratio	21:1
▶ Combustor Type	In-Direct Injection(Swirl Chamber)
▶ Rotation	Counter clockwise viewed from Flywheel
▶ Dimension (L x W x H)	515 x 447 x 544 mm
▶ Dry Weight	100kg (with Fan)
▶ High Idle Rpm	3200±50
▶ Low Idle Rpm	1350±50
▶ Aspiration	N/A
▶ Governor Type	<b>Electric Control (ECU)</b>
▶ Injection timing	18° BTDC
▶ Alternator Capacity	12V-75A
▶ Firing order	1-2-3
▶ Flywheel housing	SAE No.5
▶ Flywheel	Clutch No.7-1/2
▶ Fuel Consumption Rate(at rated power)	Below 275g/kWh(205g/HPh)



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◆ ENGINE DIMENSION



Designation	Length(L)	Width(W)	Height(H)	Dry weight
Value	502mm	447mm	544mm	100kg

◆ Performance Curve

**ENGINE POWER CURVE**

