

SEC. 231

LR190-752

Front cover

Pulley

Front bearing

Retainer

Rotor

Slip ring

Stator

Terminal assembly

Rear cover

Diode assembly

IC regulator assembly

3.14 - 3.9
(0.320 - 0.398, 27.8 - 34.5)

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(0.320 - 0.398, 27.8 - 34.5)

Ⓐ : N·m (kg-m, in-lb)
Ⓑ : N·m (kg-m, ft-lb)

MEL658K

MEL658K

ALTERNATOR

Type		LR190-752
		HITACHI
Applied model		ZD30
Nominal rating	V-A	12-90
Ground polarity		Negative
Minimum revolution under no-load (When 13.5V is applied)	rpm	Less than 1,000
Hot output current (When 13.5V is applied)	A/rpm	More than 23/1,300 More than 65/2,500 More than 87/5,000
Regulated output voltage	V	14.1 - 14.7
Minimum length of brush	mm (in)	6.0 (0.236)
Brush spring pressure	N (g, oz)	1.0 - 3.43 (102 - 350, 3.60 - 12.34)
Slip ring minimum outer diameter	mm (in)	26.0 (1.024)
Rotor (Field coil) resistance	Ω	2.67