

1.STANDARD OPERATING CONDITIONS:

- 1.1 Rated Voltage: DC 6V
- 1.2 Operating Temperature: -10--+60° C
- 1.3 Direction of Rotation:
Clockwise when viewing motor output
side with positive voltage applied to positive(red)terminal.

2.MEASURING CONDITIONS:

- 2.1 Rated Voltage: DC 6V
- 2.2 Enviromental temperature: 24° C
- 2.3 Enviromental humidity: 65%RH
- 2.4 Motor Position: Motor to be held with shaft horizontally.

3.ELECTRICAL CHARACTERISTICS

(At initial stage after 30 seconds run-in)

- 3.1 No Load
 - 3.1.1 No Load Speed: 25.1 ± 10%rpm
 - 3.1.2No load Current: 0.253A (0.506A max)
- 3.2 On Load
 - 3.2.1 Rated Torque: 6kg.cm
 - 3.2.2 Rated Current: 0.6A (0.9A max)
 - 3.2.3 Rated Speed: 21.5 ± 10%rpm

4.MECHANICAL CHARACTERISTICS:

- 4.1 End Play: ≤0.4mm
- 4.2 Dimension drawing:See<OUTLINE>

5.ASSEMBLING MOTOR:

DRC-390ST-27100-58-SGS 6V 4500 ± 10%rpm

PERFORMANCE CURVE

MODEL: KM-28A-390-170-0625 VOLTAGE: 6 VDC Constant

