

D-8630-C-1 SPECIFICATIONS

MOTOR CHARACTERISTICS @ 25° C

Specification	Units	Value
Peak Torque, T_P	oz-in	160
Motor Constant, K_M	oz-in / W	22.1
Number of Poles		16
Weight	oz (nom)	37
Motor Inertia, J_M	oz-in-s ²	1.40E-02
Friction Torque, T_F	oz-in	8
Electrical Time Constant, T_E	ms	0.532
Mechanical Time Constant, T_M	ms	40.4
Temperature Rise, TPR'	°C / W	3
Ripple Torque, T_R	max. avg. to peak (%)	5

MOTOR WINDING CONSTANTS

Specification	Units	Value

MECHANICAL DIMENSIONS (INCHES)

