

# DB-1250-A-1 SPECIFICATIONS

## MOTOR CHARACTERISTICS @ 25° C

Specification	Units	Value
Peak Torque, $T_p$	oz-in	1.4
Motor Constant, $K_M$	oz-in / W	1.11
Number of Poles		8
Number of Phases		3" "
Weight	oz (nom)	1
Motor Inertia, $J_M$	oz-in-s <sup>2</sup>	1.22E-04
Friction Torque, $T_f$	oz-in	0.35
Electrical Time Constant, $T_E$	ms	0.09
Mechanical Time Constant, $T_M$	ms	14.10
*Temperature Rise, TPR*	°C / W	29.6
Integral Feedback Device		None


## MECHANICAL DIMENSIONS (INCHES)