Standard Motor Features

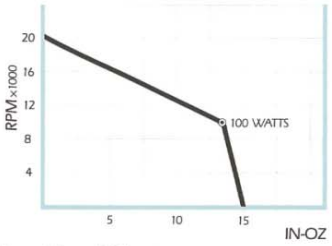
- High torque to inertia ratio
- Rare earth magnets
- All stainless steel construction with matched coefficient of thermal expansion
- ABEC Class 7 bearings
- High temperature analog commutation sensor or Hall Effect
- Stator located windings for optimal thermal dissipation
- AGMA Class 12 precision pinions and precision mounting arrangements
- -55° to +225° C operating range
- MIL-STD-810 environments

Optional Motor Features

- Customer specified pinion and mounting
- Matched gearing and/or feedback devices, electrically actuated brakes
- Complete actuator packages (rotary and linear output) including synchros, resolvers, RVT's and other feedback devices
- Alternate no load speeds for direct drive/slow speed applications

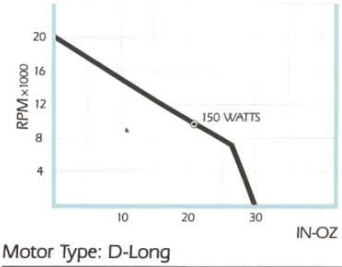
Note: All the data appearing on these pages represent actual test data of existing designs. The allowable performance for continuous duty shaft power varies widely with mounting, ambient environment and torque-duty cycle. Consult our sales engineering staff regarding your specific application.

D



Motor Type: D-Short

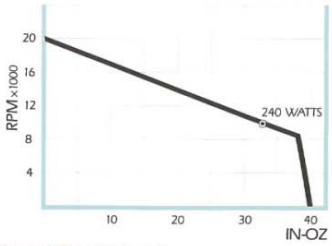
Weight: 4.5 oz	Rotor Inertia: 5.4 × 10^{-5} in-oz-s²		
Motor Constant: 1.6 in-oz/√watt			
A: 1.062″	B: .875″	D: .6250″	d: .110″
S: .2497″	P: .125″	T: .187″	L_1: —	L_2: 1.58″



Motor Type: D-Long

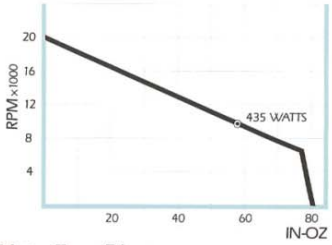
Weight: 5.5 oz	Rotor Inertia: 8.1 × 10^{-5} in-oz-s²		
Motor Constant: 2.8 in-oz/√watt			
A: 1.062″	B: .875″	D: .6250″	d: .110″
S: .2497″	P: .125″	T: .187″	L_1: —	L_2: 1.87″

E



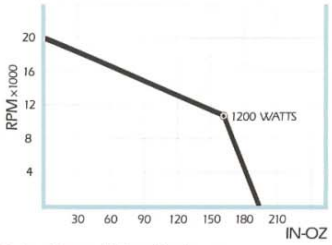
Motor Type: E-Short

Weight: 9 oz	Rotor Inertia: 1.32 × 10^{-4} in-oz-s²			
Motor Constant: 3.8 in-oz/√watt				
A: 1.437″	B: 1.187″	D: .7500″	d: .129″	
S: .2497″	P: .125″	T: .250″	L_1: 1.31″	L_2: 1.89″



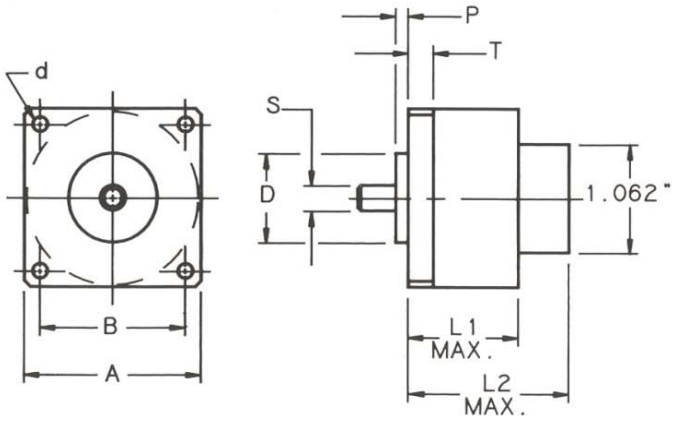
Motor Type: E-Long

Weight: 12 oz	Rotor Inertia: 2.46 × 10^{-4} in-oz-s²			
Motor Constant: 6.0 in-oz/√watt				
A: 1.437″	B: 1.187″	D: .7500″	d: .129″	
S: .2497″	P: .125″	T: .250″	L_1: 1.80″	L_2: 2.38″



Motor Type: E-Double Long

Weight: 20 oz	Rotor Inertia: 4.4 × 10^{-4} in-oz-s²			
Motor Constant: 10.0 in-oz/√watt				
A: 1.500″	B: 1.250″	D: .7500″	d: .149″	
S: .2497″	P: .125″	T: .250″	L_1: 2.77″	L_2: 3.35″



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