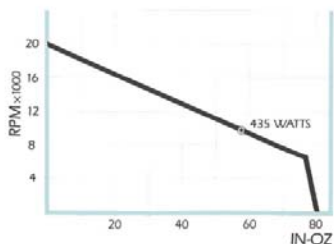


F



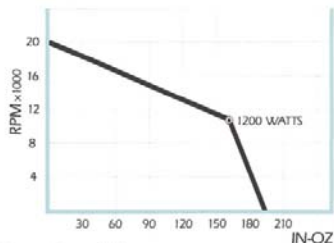
Motor Type: F-Short

Weight: 13 oz Rotor Inertia:  $3.0 \times 10^{-4}$  in-oz-s<sup>2</sup>

Motor Constant: 7.0 in-oz/√watt

A: 1.750" B: 1.437" D: .8750" d: .149"

S: .2497" P: .125" T: .250" L1: 1.59" L2: 2.17"



Motor Type: F-Long

Weight: 24 oz Rotor Inertia:  $4.85 \times 10^{-4}$  in-oz-s<sup>2</sup>

Motor Constant: 9.5 in-oz/√watt

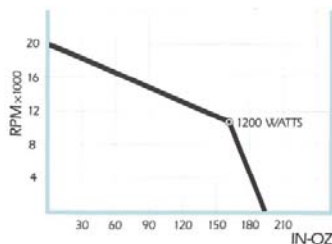
A: 1.750" B: 1.437" D: .8750" d: .149"

S: .2497" P: .125" T: .250" L1: 1.98" L2: 2.56"



System Testing

H



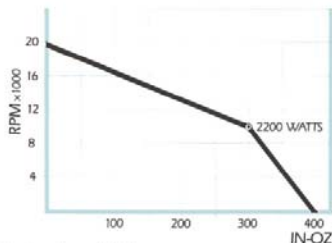
Motor Type: H-Short

Weight: 32 oz Rotor Inertia:  $1.0 \times 10^{-3}$  in-oz-s<sup>2</sup>

Motor Constant: 12.0 in-oz/√watt

A: 2.250" B: 1.875" D: 1.1250" d: .201"

S: .3747" P: .125" T: .375" L1: 1.92" L2: 2.49"



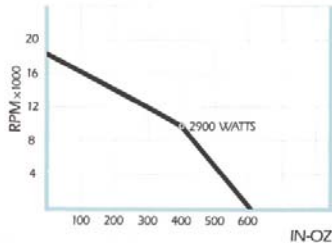
Motor Type: H-Long

Weight: 42 oz Rotor Inertia:  $1.7 \times 10^{-3}$  in-oz-s<sup>2</sup>

Motor Constant: 17.0 in-oz/√watt

A: 2.250" B: 1.875" D: 1.1250" d: .201"

S: .3747" P: .125" T: .375" L1: 2.42" L2: 3.00"



Motor Type: H-Double Long

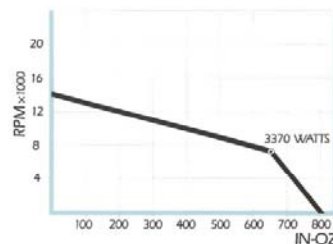
Weight: 66 oz Rotor Inertia:  $3.24 \times 10^{-3}$  in-oz-s<sup>2</sup>

Motor Constant: 27.0 in-oz/√watt

A: 2.470" B: 2.062" D: 1.1250" d: .201"

S: .3747" P: .187" T: .437" L1: 3.61" L2: 4.19"

L



Motor Type: L

Weight: 100 oz Rotor Inertia:  $1.4 \times 10^{-2}$  in-oz-s<sup>2</sup>

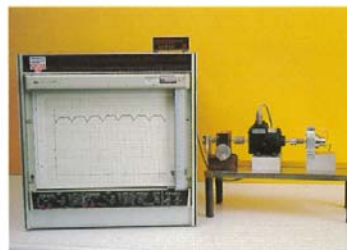
Motor Constant: 44.0 in-oz/√watt

A: 3.000" B: 2.500" D: 2.000" d: .332"

S: .3747" P: .187" T: .437" L1: 4.16" L2: 4.73"



Magnet Testing



Torque Ripple Testing