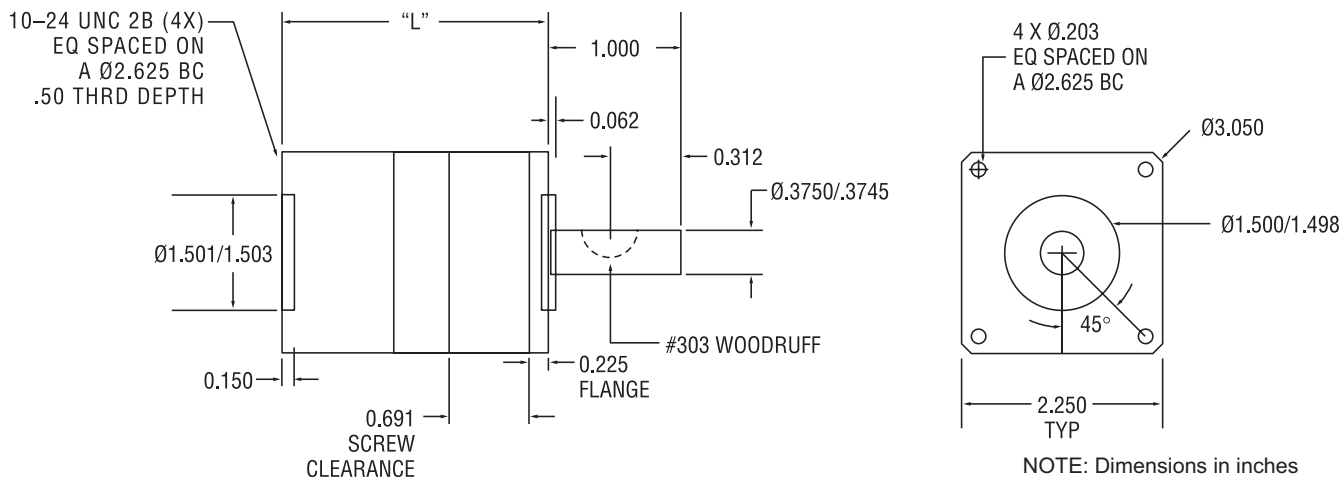


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DIMENSION "L"

Single Stage (4:1 to 10:1) = $2.436 \pm .015$
Double Stage (16:1 to 100:1) = $3.029 \pm .015$



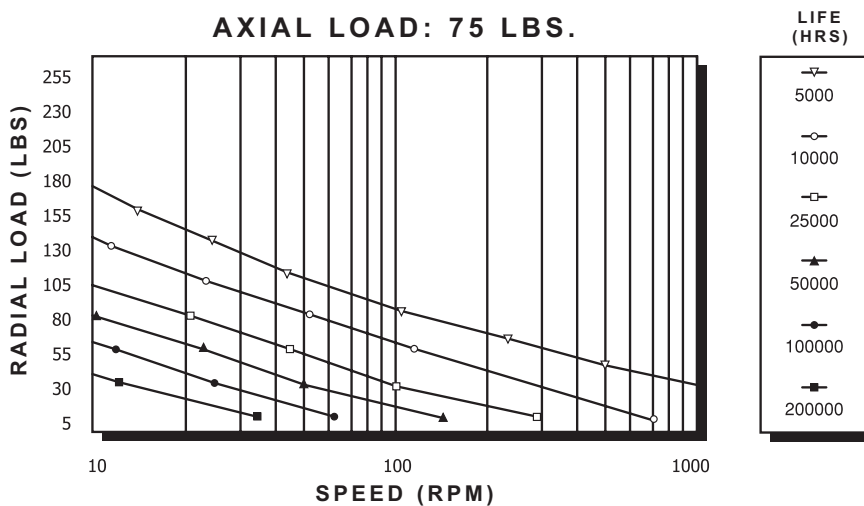
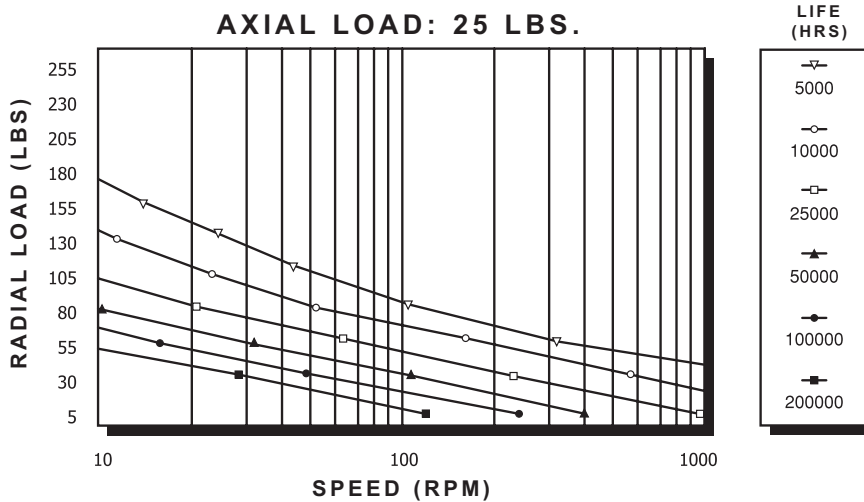
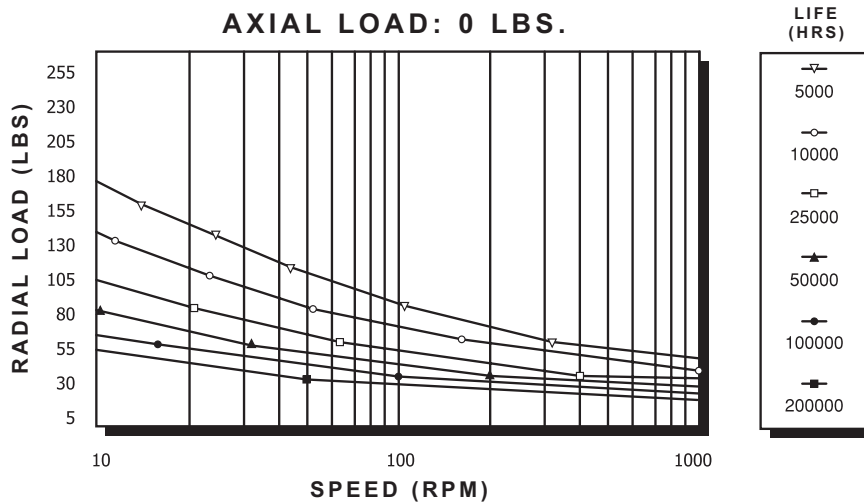
Part #	Ratio	Continuous output torque at 1500 rpm input (in-lbs)	Continuous output torque at 3500 rpm input (in-lbs)	Continuous output torque at 5000 rpm input (in-lbs)	Gearhead inertia at input (lb-in-sec ²)
Single Stage					
GH23SP004	4:1	185	133	109	4.19×10^{-5}
GH23SP007	7:1	155	126	110	1.54×10^{-5}
GH23SP010	10:1	125	107	97	1.08×10^{-5}
Double Stage					
GH23SP016	16:1	214	190	175	4.26×10^{-5}
GH23SP028	28:1	223	208	197	1.57×10^{-5}
GH23SP049	49:1	164	158	154	1.52×10^{-5}
GH23SP070	70:1	166	161	158	1.06×10^{-5}
GH23SP100	100:1	126	124	122	1.06×10^{-5}

General Specifications

Construction Type	Ratio	Standard Backlash (arc-minutes)	Low Backlash (arc-minutes)	Efficiency	Weight (lbs)	Maximum Tested Input rpm
Single Stage	4:1 to 10:1	12	6	95%	1.55	5000
Double Stage	16:1 to 100:1	16	10	90%	1.95	5000

PEAK TORQUE: 15% above continuous rating. **NOTE:** Repeated peak torque loading may cause failure.

WARNING: Gearheads on this page not compatible with SM23165M and SM23165MT



SPEED (RPM) refers to the gearheads output shaft speed.

LIFE (HRS) = (# of lifetime revolutions) ÷ (60 x rpm)

F_{RADIAL} is calculated at 1/2 the shaft length.

