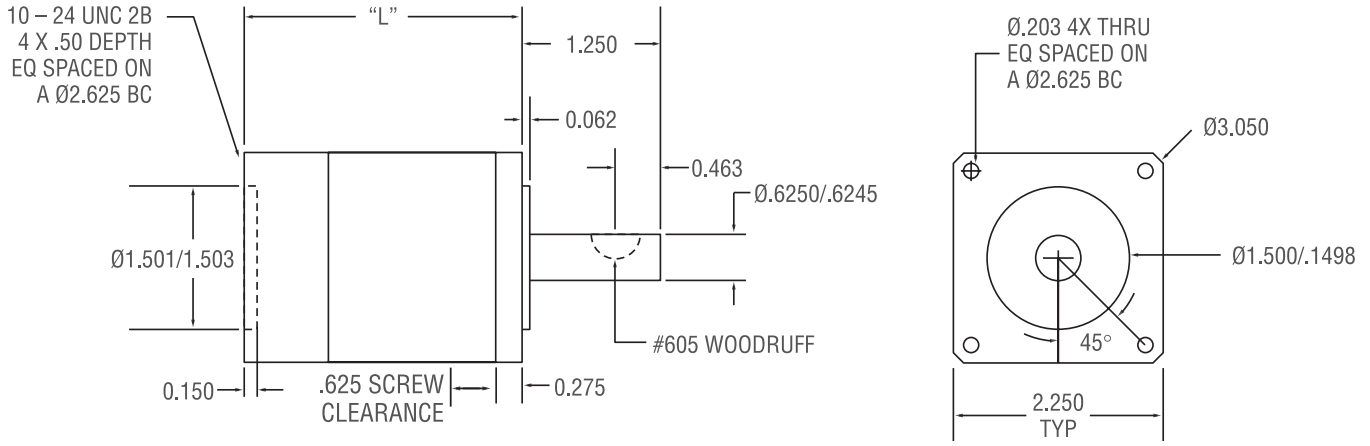


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DIMENSION "L"

Single Stage (3:1 to 10:1) = 3.146 ± .015
Double Stage (16:1 to 100:1) = 4.249 ± .015



NOTE: Dimensions in inches

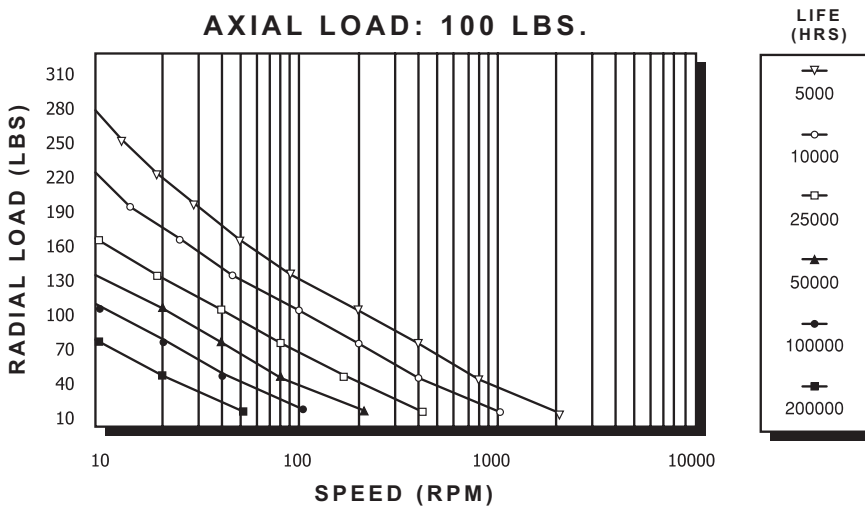
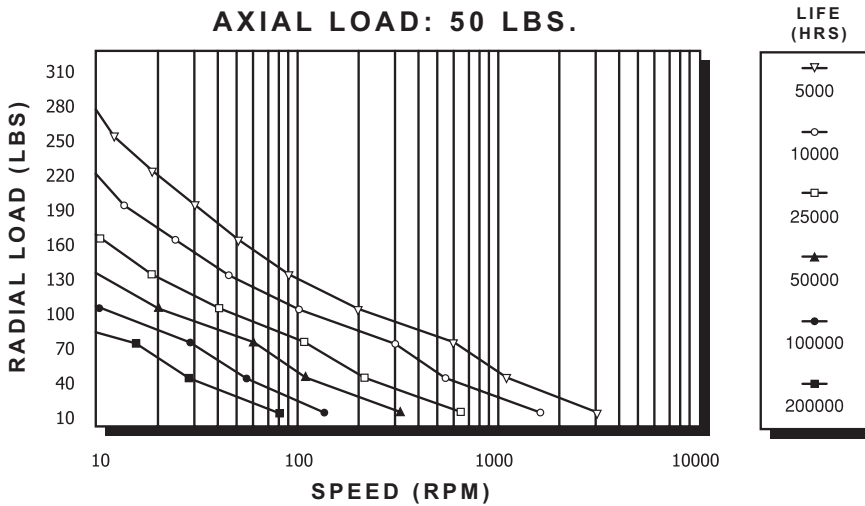
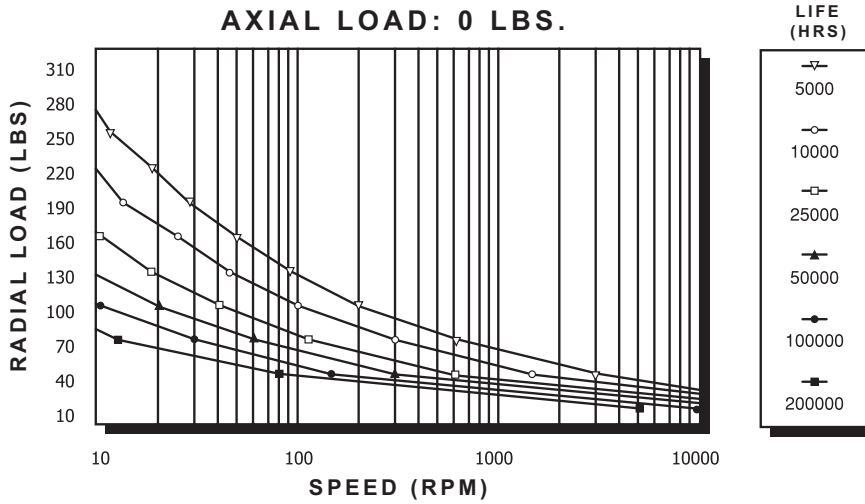
Part #	Ratio	Continuous output torque at 1500 rpm input (in-lbs)	Continuous output torque at 3500 rpm input (in-lbs)	Continuous output torque at 5000 rpm input (in-lbs)	Gearhead inertia at input (lb-in-sec ²)
Single Stage					
GH23P3	3:1	442	292	232	1.22 x 10 ⁻⁴
GH23P4	4:1	410	294	242	5.24 x 10 ⁻⁵
GH23P5.5	5.5:1	373	288	247	2.65 x 10 ⁻⁵
GH23P7	7:1	344	279	245	1.93 x 10 ⁻⁵
GH23P10	10:1	277	238	215	1.35 x 10 ⁻⁵
Double Stage					
GH23P16	16:1	521	463	427	5.32 x 10 ⁻⁵
GH23P22	22:1	536	490	460	2.70 x 10 ⁻⁵
GH23P28	28:1	545	506	481	1.96 x 10 ⁻⁵
GH23P40	40:1	553	525	506	1.36 x 10 ⁻⁵
GH23P49	49:1	400	385	375	1.90 x 10 ⁻⁵
GH23P55	55:1	460	443	432	1.34 x 10 ⁻⁵
GH23P70	70:1	404	393	385	1.33 x 10 ⁻⁵
GH23P100	100:1	308	303	298	1.33 x 10 ⁻⁵

General Specifications

Construction Type	Ratio	Standard Backlash (arc-minutes)	Low Backlash (arc-minutes)	Efficiency	Weight (lbs)	Maximum Tested Input rpm
Single Stage	3:1 to 10:1	6	3	90%	2.29	5000
Double Stage	16:1 to 100:1	10	7	85%	3.42	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.

