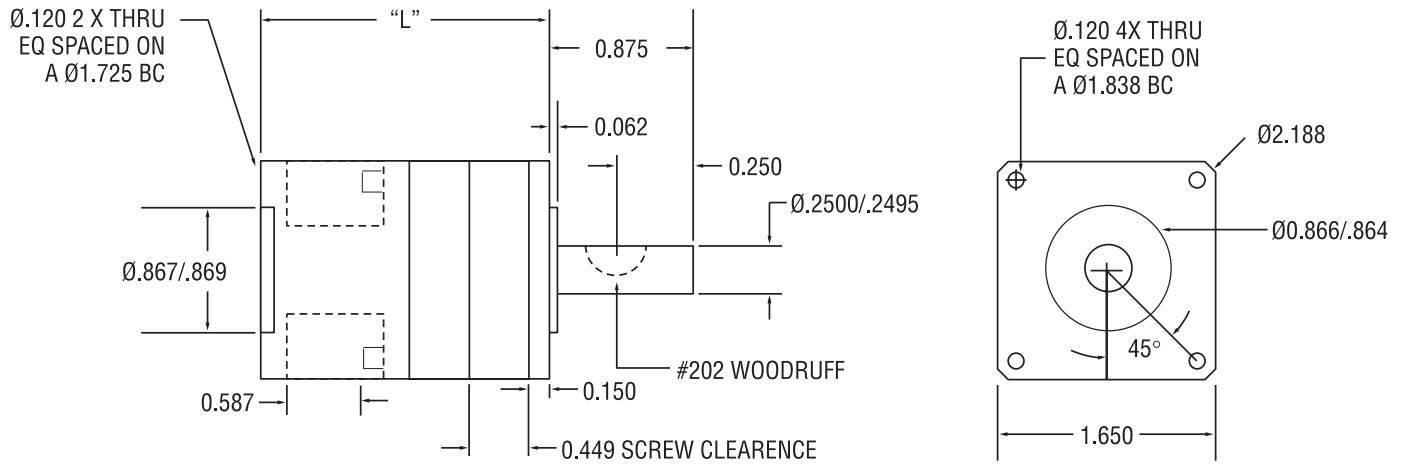


DIMENSION "L"

Single Stage (4:1 to 10:1) = $2.17 \pm .015$

Double Stage (16:1 to 100:1) = $2.78 \pm .015$



NOTE: Dimensions in inches

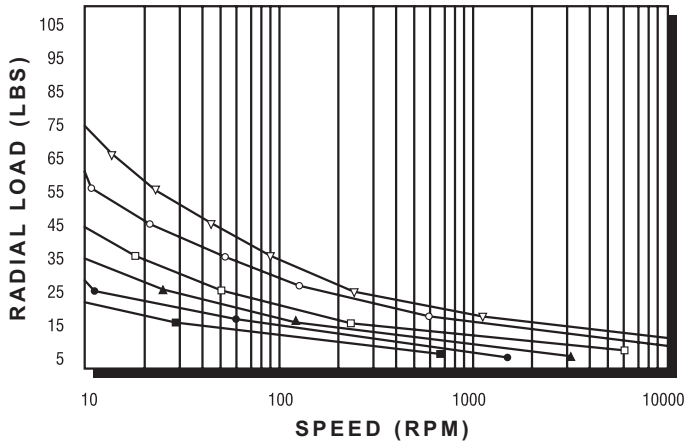
Part #	Ratio	Continuous output torque at 1500 rpm input (in-lbs)	Continuous output torque at 3500 rpm input (in-lbs)	Continuous output torque at 5000 rpm input (in-lbs)	Gearhead inertia at input (lb-in-sec ²)
Single Stage					
GH17SP004	4:1	75	57	49	1.28×10^{-5}
GH17SP007	7:1	60	51	46	7.65×10^{-6}
GH17SP010	10:1	48	43	39	6.69×10^{-6}
Double Stage					
GH17SP016	16:1	81	74	70	1.27×10^{-5}
GH17SP028	28:1	83	79	76	7.63×10^{-6}
GH17SP049	49:1	61	59	58	7.55×10^{-6}
GH17SP070	70:1	61	60	59	6.64×10^{-6}
GH17SP100	100:1	47	46	46	6.63×10^{-6}

General Specifications

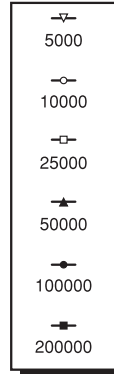
Construction Type	Ratio	Standard Backlash (arc-minutes)	Low Backlash (arc-minutes)	Efficiency	Weight (lbs)	Maximum Tested Input rpm
Single Stage	4:1 to 10:1	12	6	95%	0.59	5000
Double Stage	16:1 to 100:1	16	10	90%	0.88	5000

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

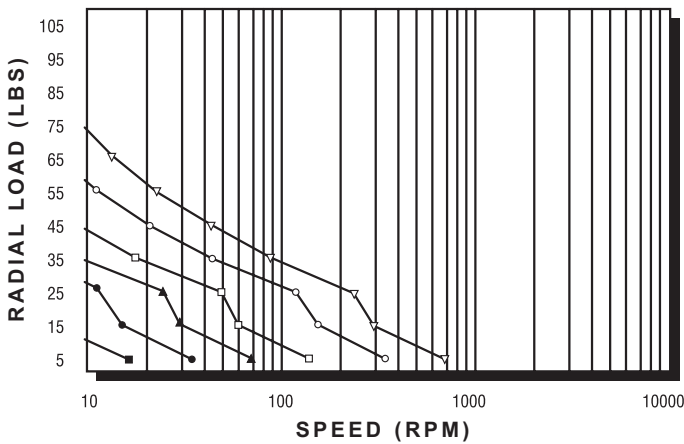
AXIAL LOAD: 0 LBS.



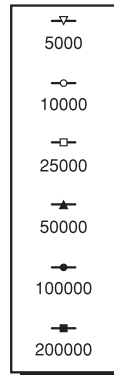
LIFE (HRS)



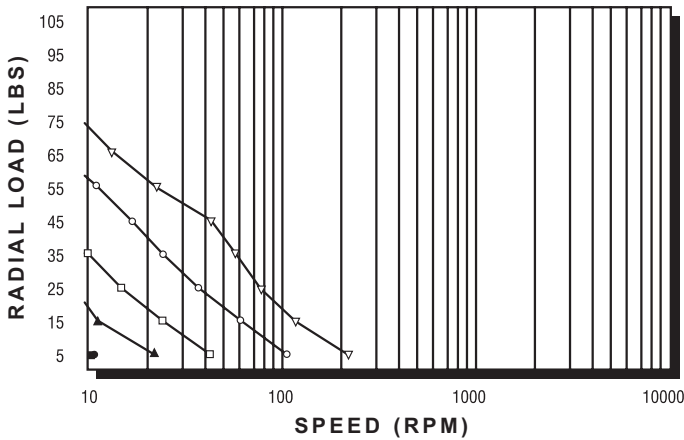
AXIAL LOAD: 25 LBS.



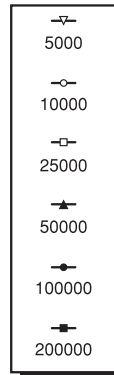
LIFE (HRS)



AXIAL LOAD: 75 LBS.



LIFE (HRS)



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.

