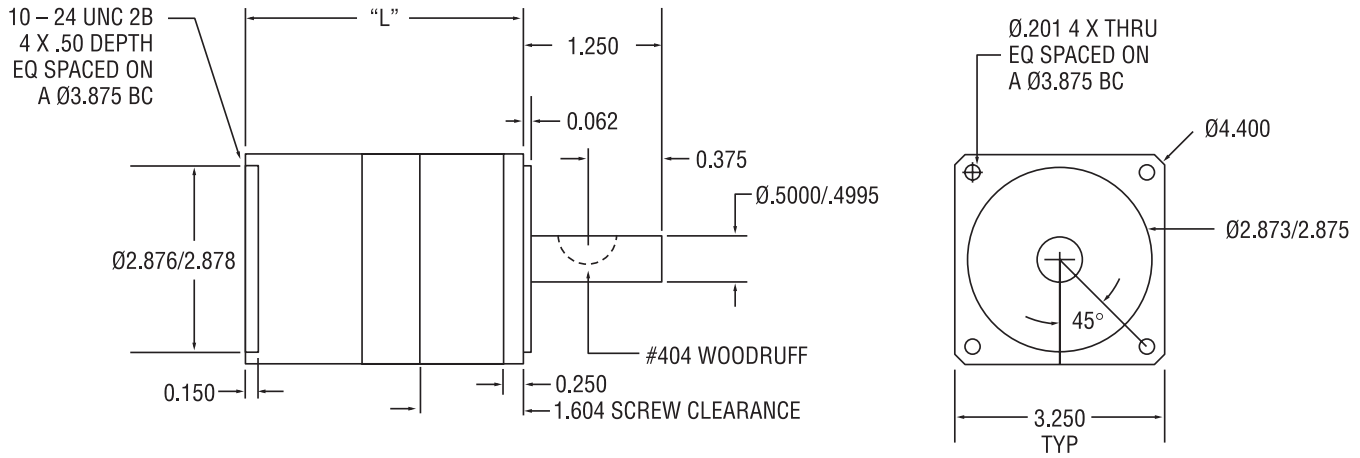


DIMENSION "L"

Single Stage (4:1 to 10:1) = 3.229 ± .015
 Double Stage (16:1 to 100:1) = 4.087 ± .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					
GH34SP004	4:1	529	350	279	1.28 x 10 ⁻⁴
GH34SP007	7:1	467	355	301	7.65 x 10 ⁻⁵
GH34SP010	10:1	384	313	275	6.69 x 10 ⁻⁵
Double Stage					
GH34SP016	16:1	667	566	508	1.27 x 10 ⁻⁴
GH34SP028	28:1	670	639	595	7.63 x 10 ⁻⁵
GH34SP049	49:1	528	499	480	7.55 x 10 ⁻⁵
GH34SP070	70:1	534	514	499	6.64 x 10 ⁻⁵
GH34SP100	100:1	409	398	391	6.63 x 10 ⁻⁵

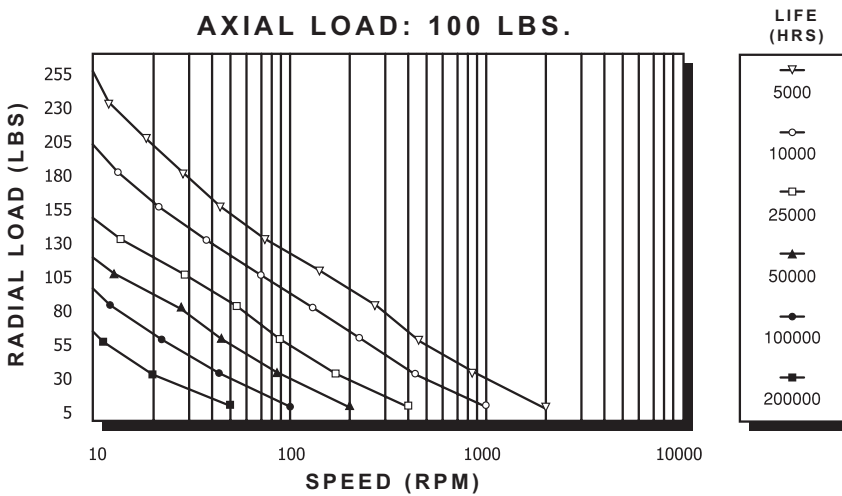
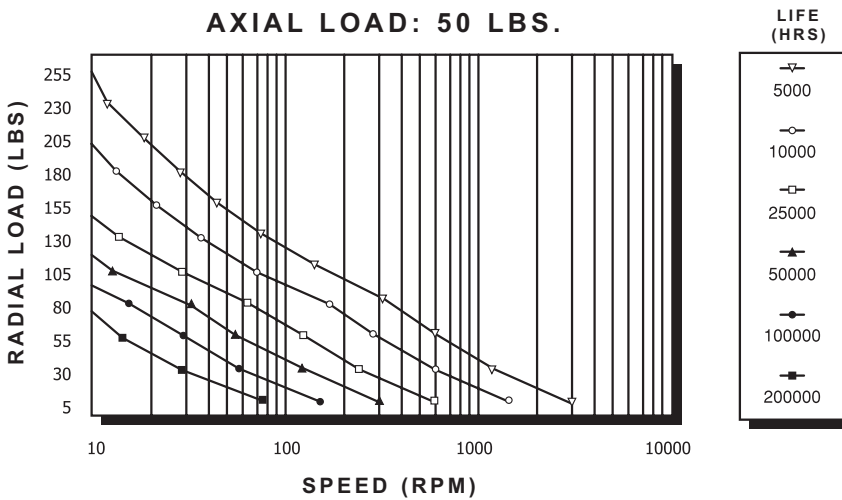
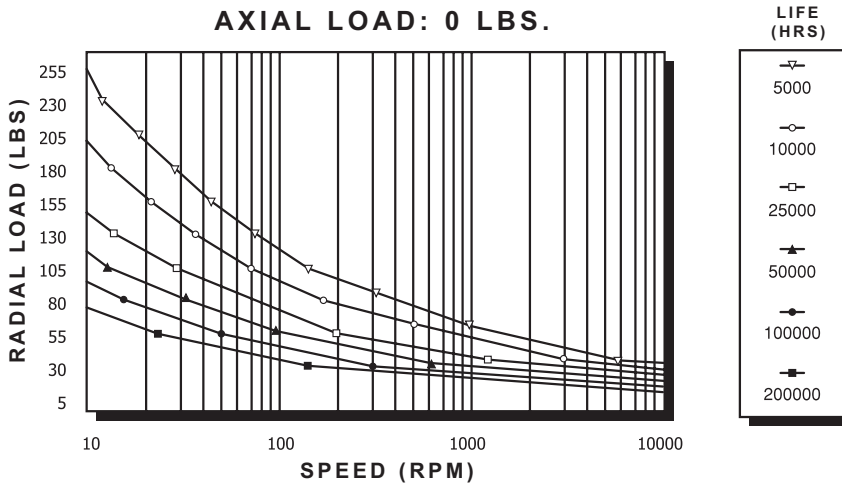
⚠ WARNING - Please read when using with SM3416DT-PLS2 Series Motor:

All gearheads above come standard with 3/8 inch diameter input shaft. For gearheads which require 0.5 inch shaft input, please add "-0.5" to part number. Example: GH34SP004-0.5 will give you a half inch input shaft diameter.

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%	3.67	5000
Double Stage	16:1 to 100:1	16	10	90%	5.10	5000

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



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.

