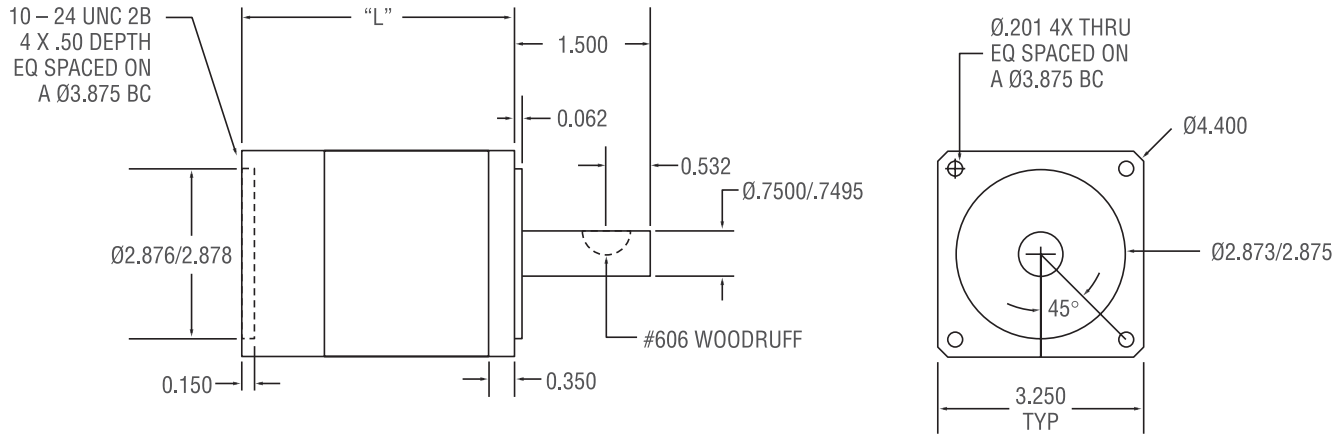


DIMENSION "L"

Single Stage (3:1 to 10:1) = 4.063 ± .015

Double Stage (16:1 to 100:1) = 5.431 ± .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					
GH34P3	3:1	1010	615	475	6.77 x 10 ⁻⁴
GH34P4	4:1	972	643	513	2.77 x 10 ⁻⁴
GH34P5.5	5.5:1	913	657	543	1.51 x 10 ⁻⁴
GH34P7	7:1	859	653	554	1.11 x 10 ⁻⁴
GH34P10	10:1	707	575	505	7.90 x 10 ⁻⁵
Double Stage					
GH34P16	16:1	1350	1145	1027	2.86 x 10 ⁻⁴
GH34P22	22:1	1401	1234	1133	1.55 x 10 ⁻⁴
GH34P28	28:1	1432	1293	1203	1.11 x 10 ⁻⁴
GH34P40	40:1	1469	1362	1293	8.04 x 10 ⁻⁵
GH34P49	49:1	1067	1010	971	1.11 x 10 ⁻⁴
GH34P55	55:1	1228	1165	1123	7.94 x 10 ⁻⁵
GH34P70	70:1	1081	1040	1010	7.90 x 10 ⁻⁵
GH34P100	100:1	827	805	790	7.87 x 10 ⁻⁵

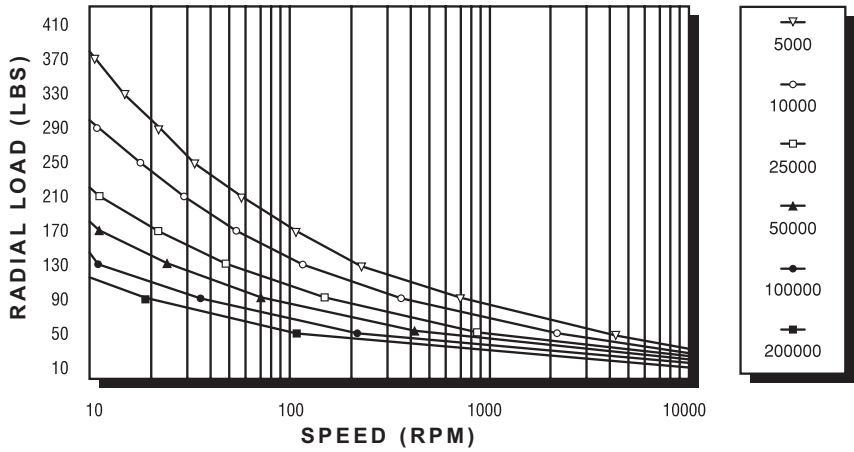
⚠ WARNING - Please read when using with SM3416DT-PLS2 Series Motor:
 All gearheads above come standard with 3/8 inch diameter input shaft. For Gearheads which require 0.5 inch shaft input, please add "-0.5" to part number. Example: GH34P3-0.5 will give you a half inch input shaft diameter.

General Specifications

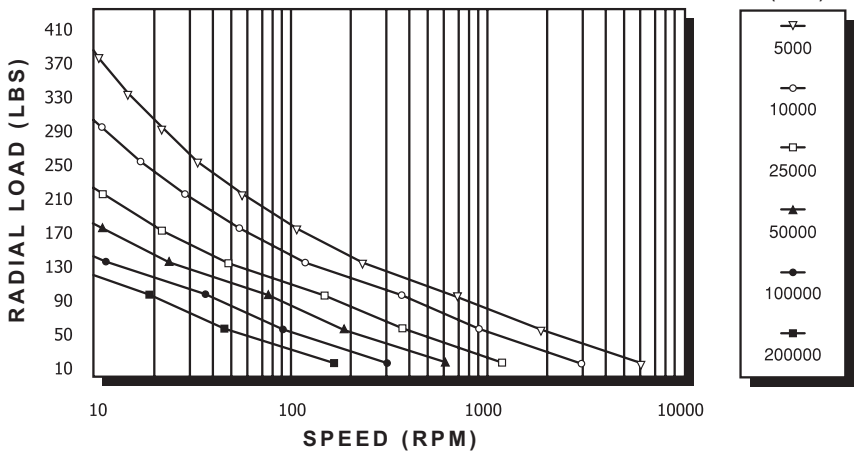
Construction Type	Ratio	Standard Backlash (arc-minutes)	Low Backlash (arc-minutes)	Efficiency	Weight (lbs)	Maximum Tested Input rpm
Single Stage	3:1 to 10:1	6	3	90%	5.67	5000
Double Stage	16:1 to 100:1	10	7	85%	8.41	5000

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

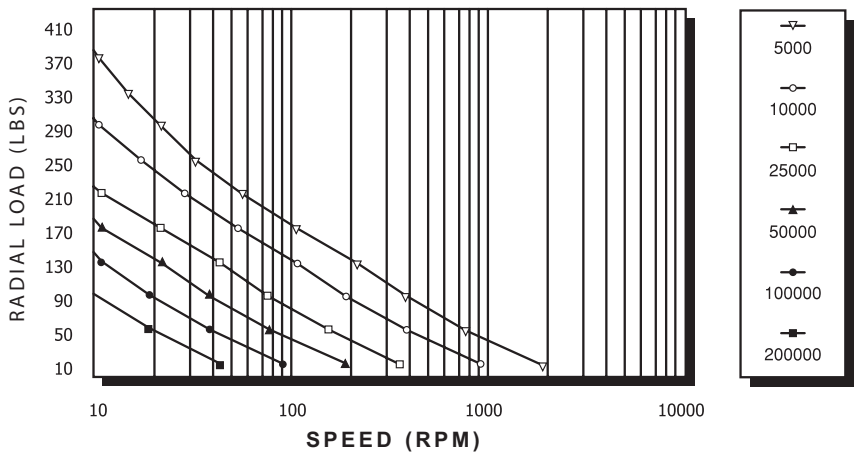
AXIAL LOAD: 0 LBS.



AXIAL LOAD: 50 LBS.



AXIAL LOAD: 150 LBS.



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.

