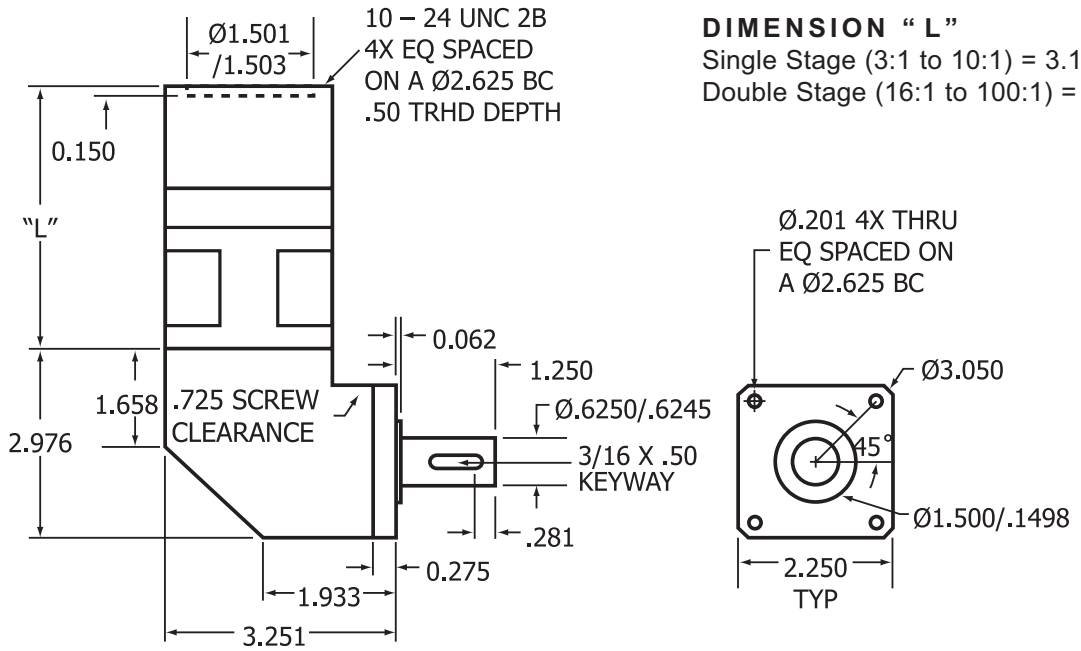

DIMENSION "L"
Single Stage (3:1 to 10:1) = 3.146 ± .015
Double Stage (16:1 to 100:1) = 4.249 ± .015

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 intertia at input (lb-in-sec²)
Single Stage					
GH23RAP3	3:1	280	280	232	2.94×10^{-4}
GH23RAP5.5	5.5:1	280	280	247	7.77×10^{-5}
GH23RAP10	10:1	277	238	215	2.90×10^{-5}
Double Stage					
GH23RAP16	16:1	350	350	350	5.93×10^{-5}
GH23RAP22	22:1	350	350	350	3.02×10^{-5}
GH23RAP55	55:1	350	350	350	1.39×10^{-5}
GH23RAP100	100:1	308	303	298	1.35×10^{-5}

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	10	7	90%	4.87	5000
Double Stage	16:1 to 100:1	14	11	85%	6.00	5000

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

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