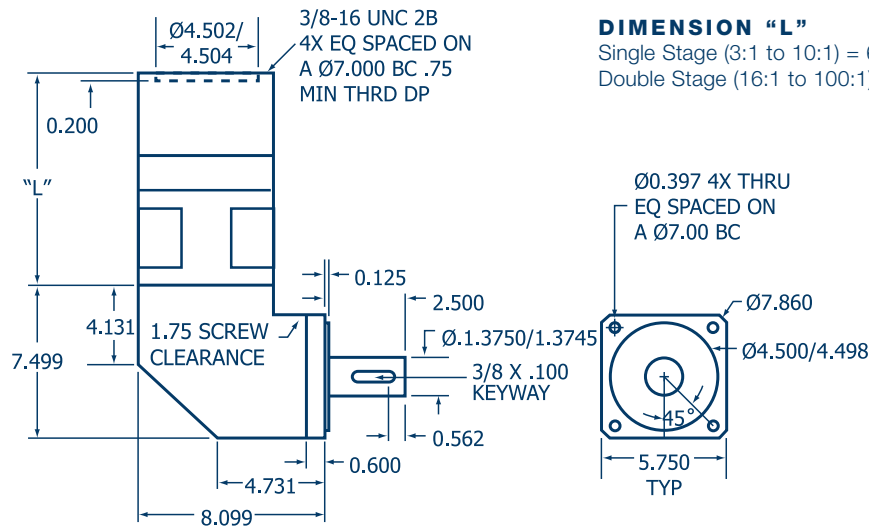




SIZE 56 RIGHT ANGLE PRECISION PLANETARY



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	56RP003	3:1	2500	2292	1713	2.66 x 10 ⁻²
	56RP004	4:1	2500	2500	1923	1.43 x 10 ⁻²
	56RP005	5.5:1	2500	2500	2131	8.66 x 10 ⁻³
	56RP007	7:1	2500	2500	2256	6.35 x 10 ⁻³
	56RP010	10:1	2500	2500	2174	4.47 x 10 ⁻³
DOUBLE STAGE	56RP016	16:1	3125	3125	3125	6.21 x 10 ⁻³
	56RP022	22:1	3125	3125	3125	4.40 x 10 ⁻³
	56RP028	28:1	3125	3125	3125	3.72 x 10 ⁻³
	56RP040	40:1	3125	3125	3125	3.18 x 10 ⁻³
	56RP049	49:1	3125	3125	3125	3.56 x 10 ⁻³
	56RP055	55:1	3125	3125	3125	3.13 x 10 ⁻³
	56RP070	70:1	3125	3125	3125	3.10 x 10 ⁻³
	56RP100	100:1	3125	3125	3125	3.08 x 10 ⁻³

GENERAL SPECIFICATIONS

Construction Type	Ratio	Backlash: Standard (arc-minutes)	Backlash: Low Backlash (arc-minutes)	Efficiency	Weight (lbs)	Maximum Tested Input rpm
Single Stage	3:1 to 10:1	10	7	90%	58.16	5000
Double Stage	16:1 to 100:1	14	11	85%	74.53	5000

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