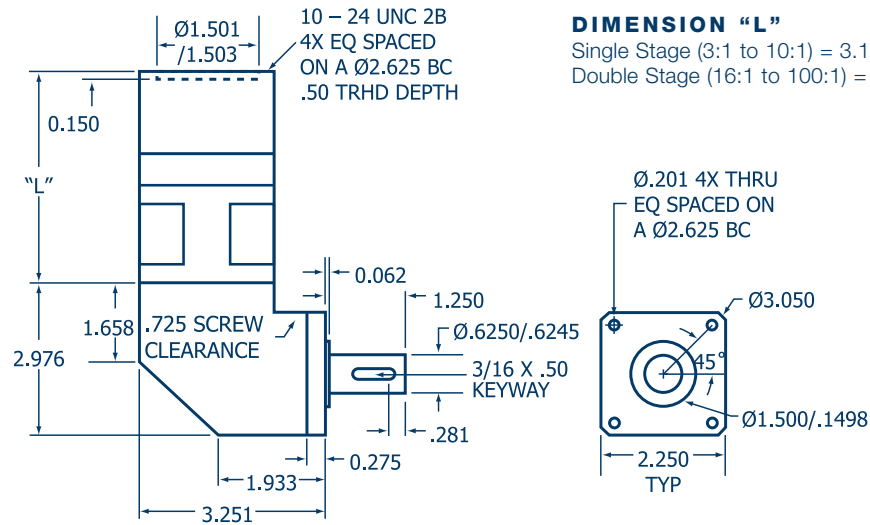


# SIZE 23 RIGHT ANGLE PRECISION PLANETARY



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 <sup>2</sup> )	
SINGLE STAGE	23RP003	3:1	280	280	273	$2.94 \times 10^{-4}$
	23RP004	4:1	280	280	280	$1.49 \times 10^{-4}$
	23RP005	5.5:1	280	280	280	$7.77 \times 10^{-5}$
	23RP007	7:1	280	280	280	$5.09 \times 10^{-5}$
	23RP010	10:1	280	280	253	$2.90 \times 10^{-5}$
DOUBLE STAGE	23RP016	16:1	350	350	350	$5.93 \times 10^{-5}$
	23RP022	22:1	350	350	350	$3.02 \times 10^{-5}$
	23RP028	28:1	350	350	350	$2.16 \times 10^{-5}$
	23RP040	40:1	350	350	350	$1.46 \times 10^{-5}$
	23RP049	49:1	350	350	350	$1.96 \times 10^{-5}$
	23RP055	55:1	350	350	350	$1.39 \times 10^{-5}$
	23RP070	70:1	350	350	350	$1.36 \times 10^{-5}$
	23RP100	100:1	350	350	350	$1.35 \times 10^{-5}$

## 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%	4.63	5000
Double Stage	16:1 to 100:1	14	11	85%	5.88	5000

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