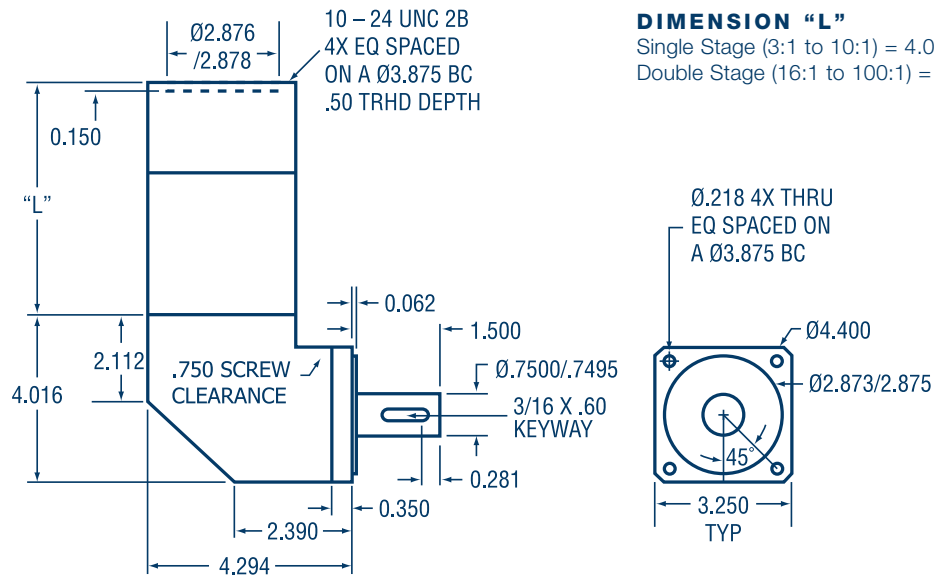


# SIZE 34 RIGHT ANGLE ELIMINATOR PLANETARY



## DIMENSION "L"

Single Stage (3:1 to 10:1) = 4.063 ± .015  
 Double Stage (16:1 to 100:1) = 5.431 ± .015

SINGLE STAGE

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> )
34RE003	3:1	525	525	475	1.20 x 10 <sup>-3</sup>
34RE004	4:1	525	525	513	5.73 x 10 <sup>-4</sup>
34RE005	5.5:1	525	525	525	3.08 x 10 <sup>-4</sup>
34RE007	7:1	525	525	525	2.08 x 10 <sup>-4</sup>
34RE010	10:1	525	525	505	1.26 x 10 <sup>-4</sup>

DOUBLE STAGE

34RE016	16:1	656	656	656	3.05 x 10 <sup>-4</sup>
34RE022	22:1	656	656	656	1.65 x 10 <sup>-4</sup>
34RE028	28:1	656	656	656	1.20 x 10 <sup>-4</sup>
34RE040	40:1	656	656	656	8.34 x 10 <sup>-5</sup>
34RE049	49:1	656	656	656	1.13 x 10 <sup>-4</sup>
34RE055	55:1	656	656	656	8.10 x 10 <sup>-5</sup>
34RE070	70:1	656	656	656	8.00 x 10 <sup>-5</sup>
34RE100	100:1	656	656	656	7.92 x 10 <sup>-5</sup>

## 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%	11.89	5000
Double Stage	16:1 to 100:1	14	11	85%	14.62	5000

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