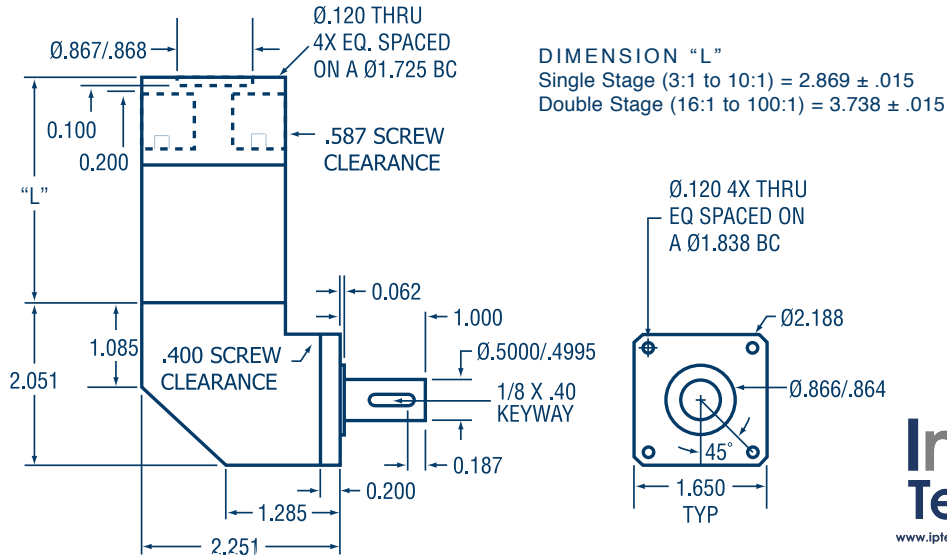




**17RE**

**SPECIFICATIONS**



**In-Position  
Technologies**  
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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> )	
<b>SINGLE STAGE</b>	17RE003	3:1	80	80	80	4.96 x 10 <sup>-5</sup>
	17RE004	4:1	80	80	80	2.56 x 10 <sup>-5</sup>
	17RE005	5.5:1	80	80	80	1.61 x 10 <sup>-5</sup>
	17RE007	7:1	80	80	80	1.27 x 10 <sup>-5</sup>
	17RE010	10:1	80	80	80	9.90 x 10 <sup>-6</sup>
<b>DOUBLE STAGE</b>	17RE016	16:1	100	100	100	1.65 x 10 <sup>-5</sup>
	17RE022	22:1	100	100	100	1.13 x 10 <sup>-5</sup>
	17RE028	28:1	100	100	100	9.74 x 10 <sup>-6</sup>
	17RE040	40:1	100	100	100	8.45 x 10 <sup>-6</sup>
	17RE049	49:1	100	100	100	9.50 x 10 <sup>-6</sup>
	17RE055	55:1	100	100	100	8.36 x 10 <sup>-6</sup>
	17RE070	70:1	100	100	100	8.33 x 10 <sup>-6</sup>
	17RE100	100:1	100	100	100	8.31 x 10 <sup>-6</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%	1.96	5000
Double Stage	16:1 to 100:1	14	11	85%	2.44	5000

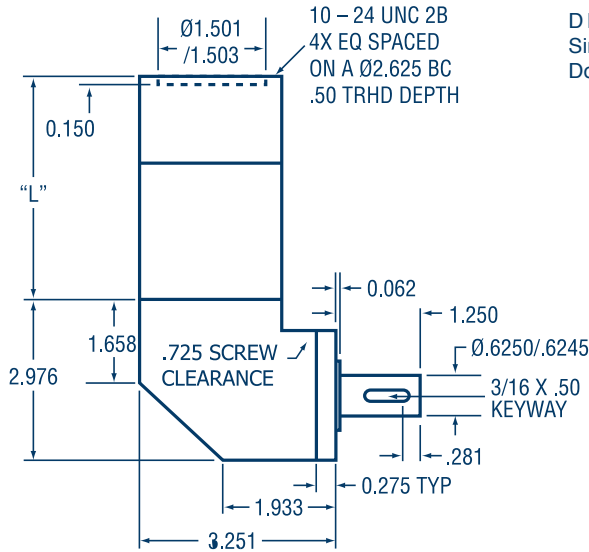
**PEAK TORQUE:** 15% above continuous rating.

**NOTE:** Repeated peak torque loading may cause failure.



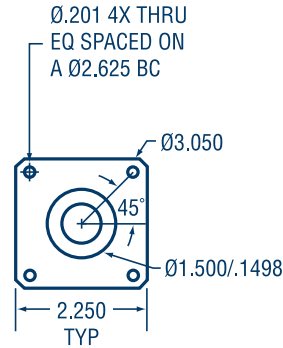
**23RE**

**SPECIFICATIONS**



**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 inertia at input (lb-in-sec <sup>2</sup> )	
<b>SINGLE STAGE</b>	23RE003	3:1	280	280	232	2.94 x 10 <sup>-4</sup>
	23RE004	4:1	280	280	242	1.49 x 10 <sup>-4</sup>
	23RE005	5.5:1	280	280	247	7.77 x 10 <sup>-5</sup>
	23RE007	7:1	280	279	245	5.09 x 10 <sup>-5</sup>
	23RE010	10:1	277	238	215	2.90 x 10 <sup>-6</sup>
<b>DOUBLE STAGE</b>	23RE016	16:1	350	350	350	5.93 x 10 <sup>-5</sup>
	23RE022	22:1	350	350	350	3.02 x 10 <sup>-5</sup>
	23RE028	28:1	350	350	350	2.16 x 10 <sup>-6</sup>
	23RE040	40:1	350	350	350	1.46 x 10 <sup>-6</sup>
	23RE049	49:1	350	350	350	1.96 x 10 <sup>-6</sup>
	23RE055	55:1	350	350	350	1.39 x 10 <sup>-6</sup>
	23RE070	70:1	350	350	350	1.36 x 10 <sup>-6</sup>
	23RE100	100:1	308	303	298	1.35 x 10 <sup>-6</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%	4.87	5000
Double Stage	16:1 to 100:1	14	11	85%	6.00	5000

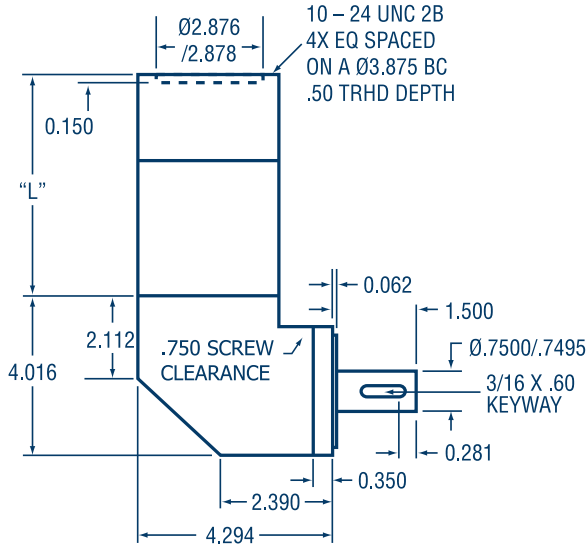
**PEAK TORQUE:** 15% above continuous rating.

**NOTE:** Repeated peak torque loading may cause failure.



**34RE**

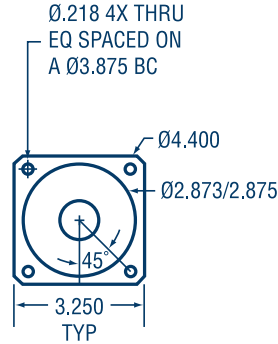
**SPECIFICATIONS**



DIMENSION "L"

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

Double Stage (16:1 to 100:1) = 5.431 ± .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 inertia at input (lb-in-sec <sup>2</sup> )	
<b>SINGLE STAGE</b>	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>
<b>DOUBLE STAGE</b>	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.