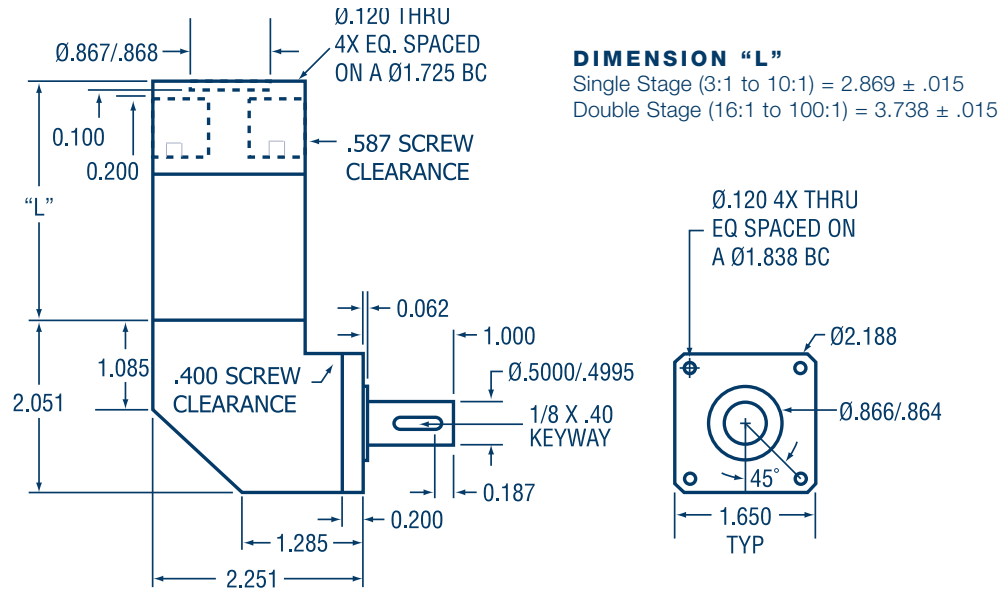


SIZE 17 RIGHT ANGLE ELIMINATOR PLANETARY



| 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 | 17RE003 | 3:1 | 80 | 80 | 80 | 4.96 x 10 ⁻⁵ |
| | 17RE004 | 4:1 | 80 | 80 | 80 | 2.56 x 10 ⁻⁵ |
| | 17RE005 | 5.5:1 | 80 | 80 | 80 | 1.61 x 10 ⁻⁵ |
| | 17RE007 | 7:1 | 80 | 80 | 80 | 1.27 x 10 ⁻⁵ |
| | 17RE010 | 10:1 | 80 | 80 | 80 | 9.90 x 10 ⁻⁶ |
| DOUBLE STAGE | 17RE016 | 16:1 | 100 | 100 | 100 | 1.65 x 10 ⁻⁵ |
| | 17RE022 | 22:1 | 100 | 100 | 100 | 1.13 x 10 ⁻⁵ |
| | 17RE028 | 28:1 | 100 | 100 | 100 | 9.74 x 10 ⁻⁶ |
| | 17RE040 | 40:1 | 100 | 100 | 100 | 8.45 x 10 ⁻⁶ |
| | 17RE049 | 49:1 | 100 | 100 | 100 | 9.50 x 10 ⁻⁶ |
| | 17RE055 | 55:1 | 100 | 100 | 100 | 8.36 x 10 ⁻⁶ |
| | 17RE070 | 70:1 | 100 | 100 | 100 | 8.33 x 10 ⁻⁶ |
| | 17RE100 | 100:1 | 100 | 100 | 100 | 8.31 x 10 ⁻⁶ |

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.