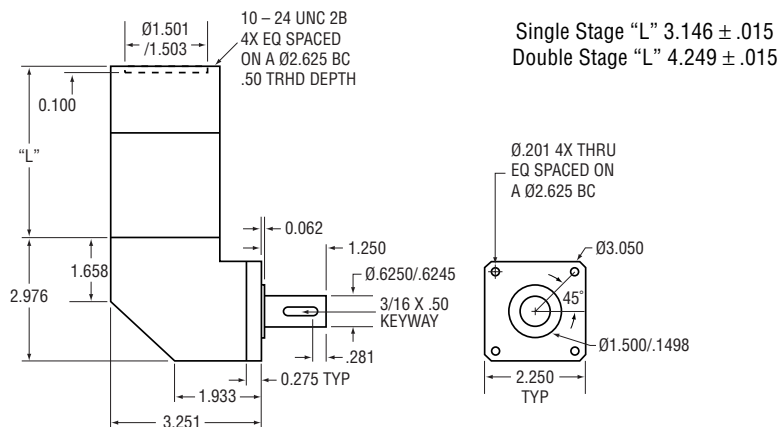


SIZE 23

"ER" SERIES RIGHT ANGLE PLANETARY GEARHEAD



Single Stage "L" 3.146 ± .015
Double Stage "L" 4.249 ± .015

PLANETARY
GEARHEADS

| GEARHEAD P/N | GEAR RATIO | BACKLASH (MINUTES) | MAXIMUM RATED CONTINUOUS OUTPUT TORQUE (LBS. IN.) | GEARHEAD INERTIA AT INPUT (LB-IN-SEC ²) |
|--------------|------------|--------------------|---|---|
| ER23003 | 3:1 | 10 | 280 | 1.55 X 10 ⁻³ |
| ER23004 | 4:1 | 10 | 280 | 1.55 X 10 ⁻³ |
| ER23005.5 | 5.5:1 | 10 | 280 | 1.55 X 10 ⁻³ |
| ER23007 | 7:1 | 10 | 280 | 1.55 X 10 ⁻³ |
| ER23010 | 10:1 | 10 | 280 | 1.55 X 10 ⁻³ |
| ER23016 | 16:1 | 14 | 280 | 1.55 X 10 ⁻³ |
| ER23022 | 22:1 | 14 | 280 | 1.55 X 10 ⁻³ |
| ER23028 | 28:1 | 14 | 280 | 1.55 X 10 ⁻³ |
| ER23040 | 40:1 | 14 | 280 | 1.55 X 10 ⁻³ |
| ER23049 | 49:1 | 14 | 280 | 1.55 X 10 ⁻³ |
| ER23055 | 55:1 | 14 | 280 | 1.55 X 10 ⁻³ |
| ER23070 | 70:1 | 14 | 280 | 1.55 X 10 ⁻³ |
| ER23100 | 100:1 | 14 | 280 | 1.55 X 10 ⁻³ |

SINGLE
STAGE

DOUBLE
STAGE

GENERAL SPECIFICATIONS

peak torque rating is 15% above continuous rated torque

| Construction Type | Ratio | Efficiency | Weight | Low Backlash Option | Maximum Input (rpm) |
|--------------------------|---------------|------------|-----------|---------------------|---------------------|
| Planetary – Single Stage | 3:1 to 10:1 | 85% | 4.64 lbs. | 7 arc minutes | 5,000 rpm |
| Planetary – Double Stage | 16:1 to 100:1 | 80% | 6.07 lbs. | 11 arc minutes | 5,000 rpm |