

Basic dimensions

| MODEL | ØD | L | B | F | G | M |
|-------|----|----|------|-----|------|---|
| ML 10 | 10 | 15 | 4.2 | 2 | 4 | 2 |
| ML 13 | 13 | 19 | 5.5 | 2.5 | 5.3 | 2 |
| ML 16 | 16 | 23 | 7 | 3 | 6.6 | 3 |
| ML 20 | 20 | 26 | 7.5 | 3.7 | 8 | 3 |
| ML 25 | 25 | 30 | 9 | 4 | 10 | 4 |
| ML 32 | 32 | 41 | 12.4 | 6 | 15 | 4 |
| ML 40 | 40 | 47 | 15.5 | 7.8 | 19.5 | 5 |
| ML 50 | 50 | 53 | 18 | 9 | 25 | 6 |

Standard bore sizes

| | | | |
|-------|----|------|------|
| ML 10 | 2 | 3 | 4 |
| ML 13 | 3 | 4 | 5 |
| ML 16 | 4 | 5 | 6 |
| ML 20 | 4 | 5 | 6 |
| ML 25 | 5 | 6 | 6.35 |
| ML 32 | 6 | 6.35 | 8 |
| ML 40 | 8 | 10 | 12 |
| ML 50 | 14 | 16 | 18 |

Custom bore sizes available

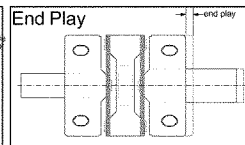
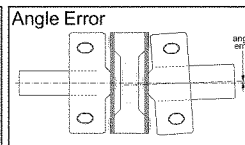
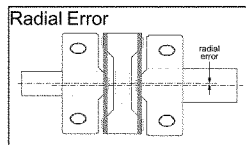
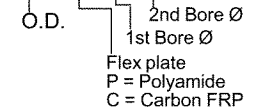
Functional characteristics

| MODEL | Rated torque | Max. speed | rigidity | radial error | angle error | end play | mom inertia | Mass |
|-------|--------------|------------|----------|--------------|-------------|----------|----------------------|------|
| ML 10 | P 0.15 | 26k | 21 | 0.3 | 3.5 | ±0.2 | 4.6x10 ⁻⁸ | 3 |
| | C 0.25 | 32k | 31 | 0.2 | 2.5 | ±0.2 | | |
| ML 13 | P 0.25 | 20k | 44 | 0.3 | 3.5 | ±0.2 | 8.0x10 ⁻⁸ | 5 |
| | C 0.35 | 24k | 80 | 0.2 | 2.5 | ±0.2 | | |
| ML 16 | P 0.4 | 19k | 70 | 0.3 | 3.5 | ±0.3 | 2.4x10 ⁻⁷ | 9 |
| | C 0.6 | 23k | 130 | 0.2 | 2.5 | ±0.3 | | |
| ML 20 | P 0.6 | 18k | 130 | 0.3 | 3.5 | ±0.4 | 7.2x10 ⁻⁷ | 14 |
| | C 1.0 | 22k | 220 | 0.2 | 2.5 | ±0.3 | | |
| ML 25 | P 1.4 | 16k | 240 | 0.3 | 3.5 | ±0.5 | 2.2x10 ⁻⁶ | 27 |
| | C 2.2 | 19k | 440 | 0.2 | 2.5 | ±0.4 | | |
| ML 32 | P 2.6 | 12k | 560 | 0.3 | 3.5 | ±0.5 | 6.0x10 ⁻⁶ | 60 |
| | C 3.8 | 15k | 960 | 0.2 | 2.5 | ±0.4 | | |
| ML 40 | P 4.4 | 8k | 980 | 0.4 | 3.5 | ±0.6 | 1.7x10 ⁻⁵ | 104 |
| | C 6.8 | 10k | 1900 | 0.3 | 2.5 | ±0.5 | | |
| ML 50 | P 7.0 | 6k | 1100 | 0.4 | 3.5 | ±0.6 | 4.6x10 ⁻⁵ | 210 |
| | C 11.0 | 8k | 2250 | 0.3 | 2.5 | ±0.5 | | |

N·m RPM N·m/rad mm ° mm kg·m² g
P=Polyamide flex-plate, C=Carbon FRP flex-plate

ORDERING GUIDE

ML XX X-X-X



CUI Inc.
9615 SW Allen Blvd. #103
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Tel: 503/643-4899 FAX: 503/643-6129

| | | | |
|-----------------|---------------------|---------------------|----------|
| DRAWN BY JAS | UPDATED 07/02/02 | CHECKED 07/02/02 | RELEASED |
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PART NO. **ML Couplings** REV. **A**