

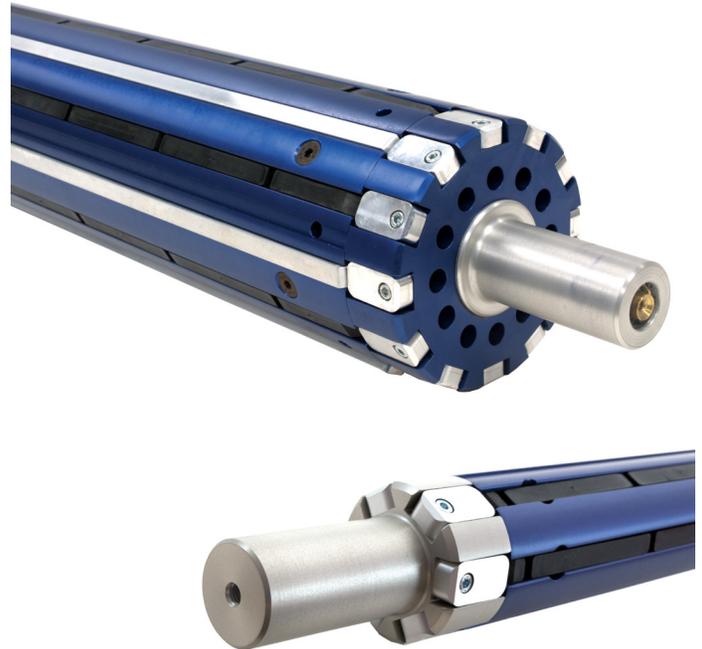
CYCLONE™ HIGH SPEED CENTERING SHAFT

MAXCESS®

TIDLAND

UNWIND & REWIND APPLICATIONS

The Tidland Cyclone™ Series high speed centering shafts increase throughput by eliminating roll loping and enabling web handling operations to run smoothly at higher speeds. The external element, two-stage pneumatic design holds the core concentric to the body, reducing machine vibration and wear. The Cyclone Series is available in diameters ranging from 3 inch to over 20 inch.



GENERAL SPECIFICATIONS

- Keeps the core concentric to the shaft body
- Best-in-class torque transfer
- Robust yet simple internal valve system uses a single circuit
- Protective strip between bladder and element ensures reliability
- Lightweight aluminum body option for easy lifting

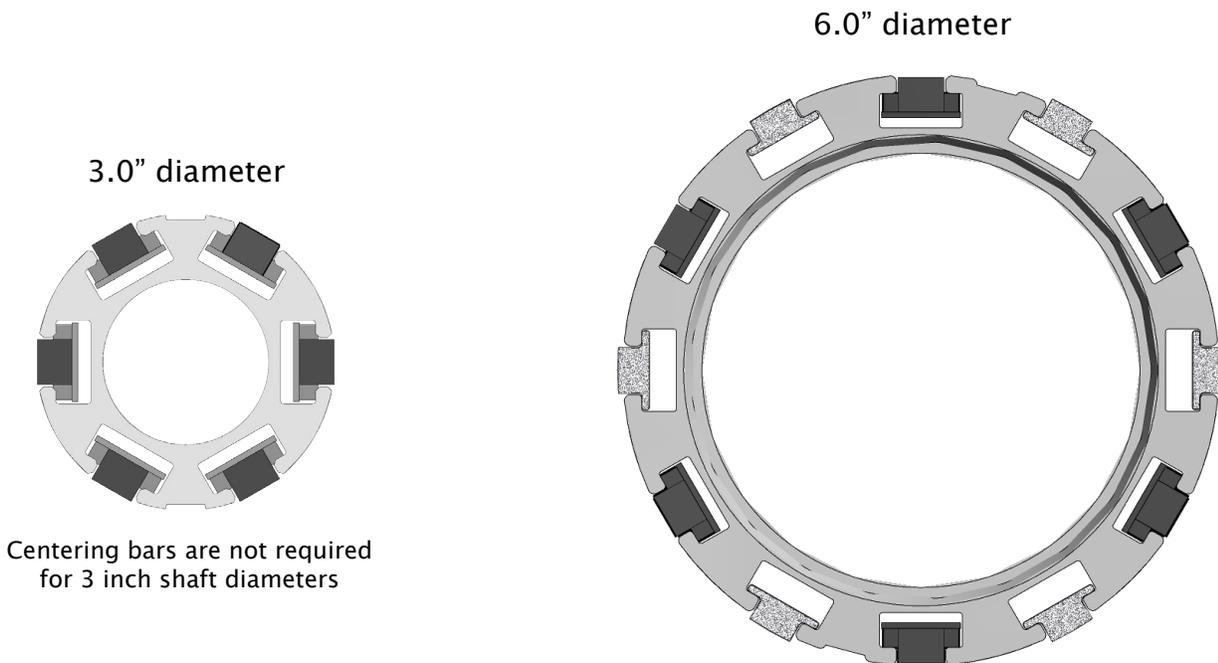
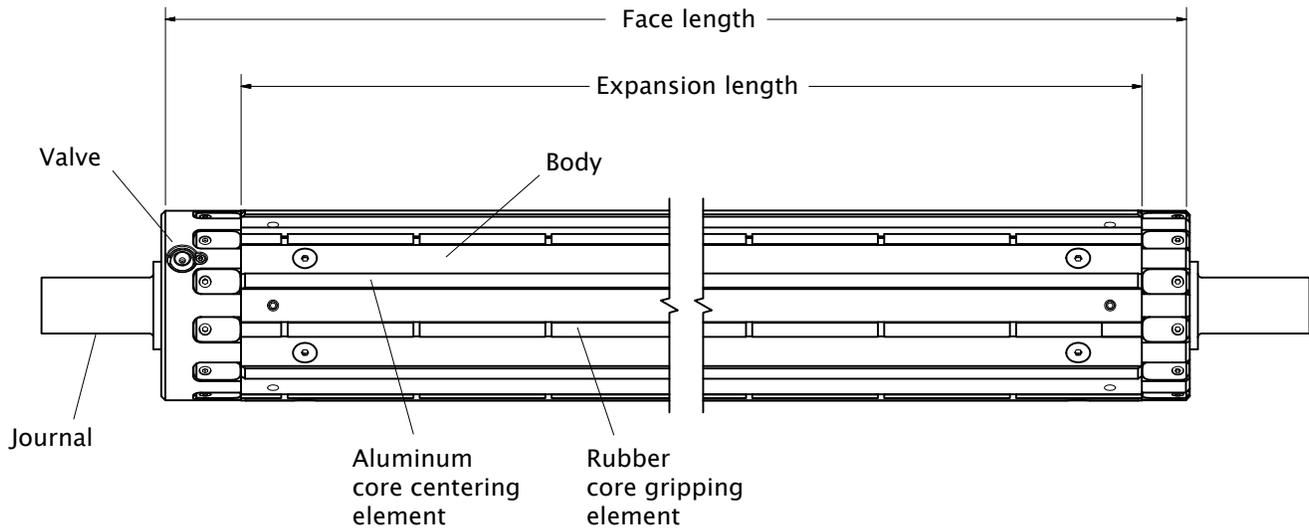
| | 3 inch | | 6 inch | |
|----------------|--------|--------|--------|--------|
| | MM | INCHES | MM | INCHES |
| Shaft Diameter | 76.2 | 3.00 | 152.4 | 6.00 |
| Collapsed | 75.1 | 2.96 | 151.3 | 5.96 |
| Expanded | 80.0 | 3.15 | 156.2 | 6.15 |

KEY FEATURES

- Core centering reduces machine vibration, resulting in
 - faster production
 - better wound roll quality
 - less wear and tear on machine parts
- Easy loading and unloading of cores
- Quick and easy bladder maintenance
- Available in a wide range of sizes: 3 inch to over 20 inch diameter

CYCLONE HIGH SPEED CENTERING SHAFT

NOMENCLATURE



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