



Young Regulator Co.

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Submit 301-FS – 1-10

Flex Shaft Assembly

*Operator 1200 Worm Gear
 Flexible Steel Shaft - FS-XX • Termination - 301-FS*

Application and Design

Flexible Shafting is a direct, mechanical method for transmitting rotary motion between two points.

Dampers can be controlled remotely with the Young Regulator Flexible Shaft Assemblies. A model 1200 Worm Gear Regulator is fastened to the damper shaft. A flexible steel shaft is coupled to the worm gear operating shaft and carried down to the ceiling line. Chose a termination option (301-FS shown here). NOTE – ASSEMBLY CONSISTS OF 3 PARTS – WORM GEAR, FLEX SHAFT AND TERMINATION – EACH ORDERED SEPARATELY.

OPERATOR

Model 1200 Worm Gear – Self-Locking Regulator
 Designed for 1/2" round or 3/8" square damper shafts. Fastened to the side of the damper and tightened onto the damper shaft.

- Optional 1200-1/4 for 5/16" rd. and 1/4" sq. damper shafts
- Worm gear included with model 5020-1200 round damper (see catalog page B-150) and 820-1200 rectangular damper (see catalog page B-550)

FLEX SHAFT

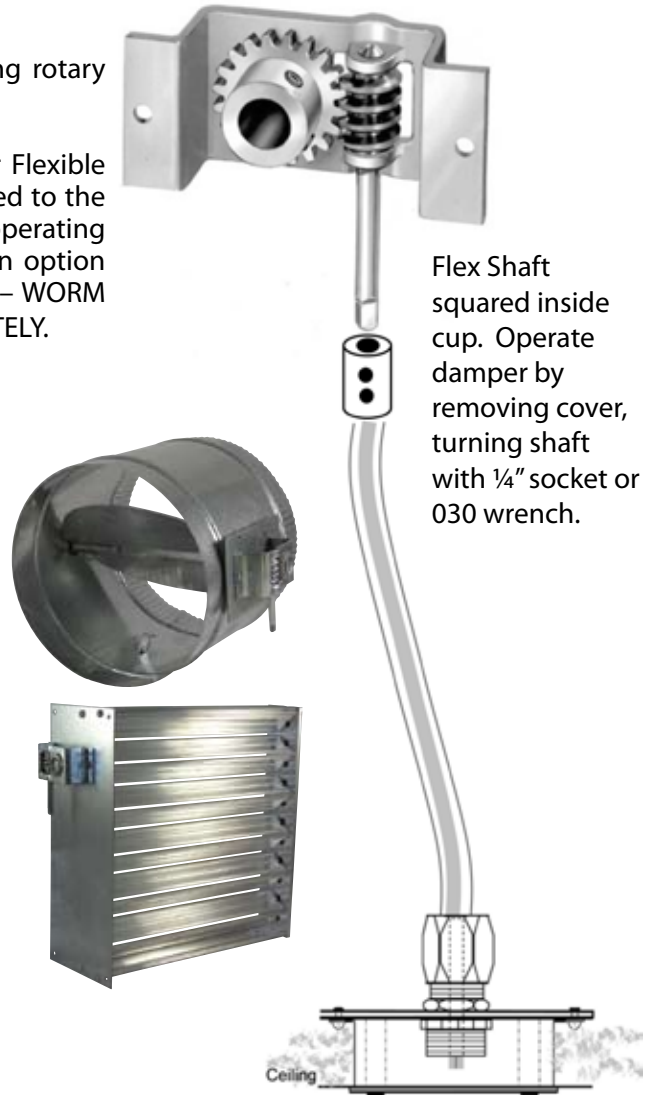
FS-XX (specify length in feet). Includes a coupling to attach to the worm gear & sheathing. The flexible steel shaft is a single wire around which successive multi-stranded layers of wire are wrapped. It is .250" in diameter, has a brass finish, and is capable of delivering more than 50# of torque without damage.

- Standard lengths: 1', 3', 6', 8'
- Custom lengths to 50'

DIE CAST TERMINATION - 301-FS

301-FS - 2 1/4" Zinc Cup connector, & 3" Zinc Plated Cover Plate – embedded in sheetrock ceiling

- Optional Stainless Cover Plate
- Optional Primer Cover Plate
- Optional Chrome Cover Plate
- Optional 315 Adjustable Cover



QUANTITY	1200 or 1200 - 1/4	FLEX SHAFT LENGTH	TERMINATION	NOTES

PROJECT	LOCATION
CONTRACTOR	DESIGN SPECIFIER