



Young Regulator Co.

7100 Krick Rd • Walton Hills, OH 44146
 P: 440-232-9700 • F: 440-232-8266
www.youngregulator.com

Submit 896-FS – 1-10

Flex Shaft Assembly

Operator 1200 Worm Gear

Flexible Steel Shaft - FS-XX • Termination - 896-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 (896-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'

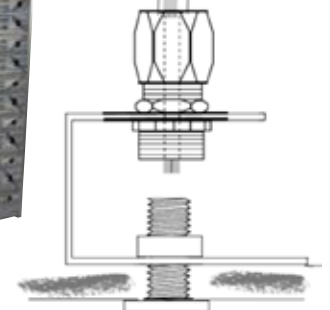
TERMINATION - 896-FS

896-FS - "C" Bracket that fastens to stud above ceiling. Access through 1" threaded cap.

Cap – Plated steel, 1 1/4" long, 1" diam. flat head. Longer caps, stainless steel caps available, contact the factory



Flex Shaft squared under cap. Operate damper by unscrewing cap and turning shaft with 1/4" socket or 030 wrench.



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

PROJECT	LOCATION
CONTRACTOR	DESIGN SPECIFIER