



Young Regulator Co.

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Submit PLBR – 1-10

Flex Shaft Assembly

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

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 can be fastened to the damper shaft. A flexible steel shaft is coupled to the worm gear operator shaft and carried down to the ceiling line. Chose a termination option (PLBR 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.

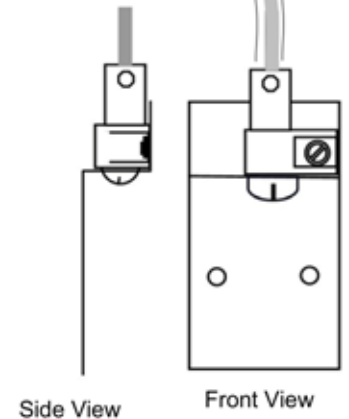
- Standard lengths: 1', 3', 6', 8'
- Custom lengths to 50'



TERMINATION - PLBR

The flexible steel shaft is coupled to the worm gear operating shaft and terminated to the PLBR.

The PLBR is a simple mounting bracket that is fastened to any accessible location, such as above a lay in ceiling. Operate the damper by turning the Phillips head screw.



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

PROJECT	LOCATION
CONTRACTOR	DESIGN SPECIFIER