



Young Regulator Co.

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Submit RDTF – 1-10

Model RDTF

*Round Two Position Motorized Damper
 PO/SC with Belimo TF Actuator*

Application and Design

The Young Regulator Company model RDTF is a commercial quality round motorized zone damper with a 2 position spring return Belimo TF actuator, available in 24V (standard) or 120 / 230V (optional). The TF actuator, with it's 5 year warranty, delivers 18 in. lbs. of torque and is available with an optional auxiliary switch. Standard configuration is power open / spring return closed. Power close and spring return open is optional. Applications include zone control, outside air, exhaust air vents, although they may be used to control air in any system duct.



STANDARD ROUND DAMPER CONSTRUCTION

One end straight, one end crimped

Shell	6" - 10" - 24 ga. 12" - 24" - 20 ga. Galvanized Steel
Blade	20 ga. Galvanized Steel "V" Blade
Shaft	1/2" Zinc Plated Steel (non drive side)
Bushing	Oil Impregnated Bronze
Seals	EPDM Rubber

SIZE INFORMATION

Incremental sizes available

Min Diameter (D)	4"
Max Diameter (D)	24"
Shell Length	8"

BELIMO TF ACTUATOR

Spring return direct-coupled actuators. Visible blade position indicator. Adjustable min/max air setting with 5 year warranty

Volts	24V, Optional 120V - 230VAC
Watts	2.5
VA	5
Timing	< 75 Sec, Run Open <25 Sec, Spring Return
Torque	18 in. lb.
Sound	<50 dB(A) Drive <62 dB(A) Spring Return

OPTIONS

110V Motor	Thermostats
Auxiliary Switch	Transformers

QUANTITY	DIAMETER	NOTES

PROJECT	LOCATION
CONTRACTOR	DESIGN SPECIFIER