



Young Regulator Co.

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Submit 3165 – 1-10

Model 3165

*Rectangular Motorized Damper
 Double Stacked Synchronous Motor*

Application and Design

The Young Regulator 3165 is a rectangular, 2 position motorized damper that is ideal for zone control, air inlets, and exhaust air vents, although they may be used to control air flow in any branch system duct. 3165 is similar to our 3150 motorized damper except that it is powered in both directions providing extra power and quieter operations.



STANDARD CONSTRUCTION	
Frame	.050 Aluminum Extrusion with Reinforcing Channels
Blade	.050 Aluminum Extrusion with Reinforcing Channels
Shaft	1/2" Round Plated Steel
Slide	Stainless Steel
Blade Bushings	Individual Synthetic
Low Leak Seals	Not Available

SIZE INFORMATION	
Damper 3/16" undersized high and wide	
Frame Width	2 1/8" Wide
Blade Width	1.438" - Contained within Frame
Max Size	24" x 24"
Min Size	3" x 3"

SYNCHRONOUS ACTUATOR - DRIVE OPEN / DRIVE CLOSE	
Special windings and heavy-duty steel gearing provide for long life and easy spring return operation. Cross pin on motor shaft provides positive direct drive to damper without a coupling or setscrews and allows for quick and easy motor change.	
Volts	24V
Watts	6
VA	6
Timing	30sec. Powered Both Directions
Torque	35 in.oz.

Built in motor stop for minimum air

OPTIONS	
Thermostats	Transformers

QUANTITY	HEIGHT	WIDTH	NOTES

PROJECT	LOCATION
CONTRACTOR	DESIGN SPECIFIER