



Young Regulator Co.

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

Submit 4075-LMB24SR – 1-10

Model 4075-LMB24SR

*Motorized Damper w/ Belimo LMB24-SR Motor
 Non-Spring Return, Direct Coupled 24V, for
 2-10VDC and 4-20 mA for Proportional Control*

Application and Design

The 4075-LMB24SR is used for proportional modulation of dampers in HVAC systems.

The actuator operates in response to a 2 - 10 VDC, or with an optional 500 Ω resistor, a 4 - 20 mA control input from an electronic controller or positioner. A 2 - 10 VDC feedback signal is provided for position indication or master-slave applications.



STANDARD CONSTRUCTION

Shell	6" – 10" – 24 ga. 12" – 20" – 20 ga. Galvanized Steel
Blade	20 ga. Galvanized Steel
Shaft	½" Plated Steel
Bushing	Oil Impregnated Bronze
Seals	EPDM Rubber

SIZE INFORMATION

One end straight, one end crimped
 Rolled stiffening beads

Diameter	4" – 20"
Shell Length	8"

BELIMO LMB24SR ACTUATOR

The actuator operates in response to a 2 - 10 VDC, or with an optional 500 Ω resistor, a 4 - 20 mA control input from an electronic controller or positioner. A 2 - 10 VDC feedback signal is provided for position indication or master-slave applications.

Volts	24V
Watts	1.5
VA	3
Noise	<35 dB (A)
Timing	95 Seconds Constant Independent of Load
Torque	45 in. lb.

Minimum and Maximum Air Adjustment Reflective Visual Position Indicator

OPTIONS

500 Ω Resistor	Aux Switch
----------------	------------

QUANTITY	DIAMETER	NOTES

PROJECT	LOCATION
CONTRACTOR	DESIGN SPECIFIER