



Young Regulator Co.

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Submit 3085-LMB24 – 1-10

Model 3085-LMB24

*Rectangular Opposed Blade Damper w/
 Belimo LMB24 Motor for On-Off
 and Floating Point Control*

Application and Design

The 3085-LMB24 dampers are on-off and floating control dampers that are equipped with a direct-coupled actuator that operates in response to an electric control signal in an HVAC system. The opposed blade design allows for more even distribution of air for a quieter system and less turbulence.



STANDARD CONSTRUCTION	
Frame	.050 Aluminum Extrusion with Reinforcing Channels
Blade	.050 Aluminum Extrusion with Reinforcing Channels
Shaft	½" Plated Steel
Slide	Stainless Steel
Blade Bushing	Individual Synthetic
Low Leak Seals	Not Available
SIZE INFORMATION Damper 3/16" Undersized High & Wide	
Frame Width	2 1/8" Wide
Mounting Plate	5" Wide x Damper Height
Blade Width	1.438" - Contained Within Frame
Max Size	24" x 24", 36" x 14" Bottom Mount
Min Size	3" x 3"

BELIMO LMB24 ACTUATOR	
24v On-Off and Floating Point Control	
Volts	24V
Watts	1.5
VA	3
Noise Level	<35 dB (A)
Timing	95 Seconds Constant
Torque	45 in. lb.
Built in motor stop for minimum and maximum air also, Reflective visual position indicator	
OPTIONS	
Transformers	Aux. Switch

QUANTITY	WIDE	HIGH	NOTES

PROJECT	LOCATION
CONTRACTOR	DESIGN SPECIFIER