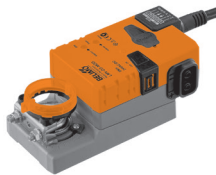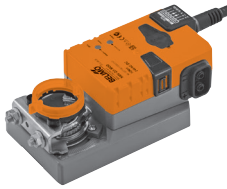# Damper Actuator Product Range

5 — 5-year warranty

Airflow Measurement and Control

LMV
45 in-lb [5 Nm]
Approx. 11 sq. ft.
with Δp sensor

NMV
90 in-lb [10 Nm]
Approx. 11 sq. ft.
with Δp sensor

CMBV
18 in-lb [10 Nm]
Includes 4", 5" OR 6" round
damper with flow sensor

VRU Module
D3 = clean air
M1 = contaminated air
M1R = room pressure
control

Pairs with: →

VST Actuator
Non Fail-Safe:
LM 45 in-lb [5 Nm]
NM 90 in-lb [10 Nm]
LMQ 35 in-lb [4 Nm]
NMQ 70 in-lb [8 Nm]

Fail-Safe:
LF 35 in-lb [4 Nm]
NF 90 in-lb [10 Nm]
SF 180 in-lb [20 Nm]
NKQ 54 in-lb [6 Nm]

Non Fail-Safe Series

PMB
1,400 in-lb [160 Nm]
NEMA 4X

GM
360 in-lb [40 Nm]
Approx. 90 sq. ft.

AM
180 in-lb [20 Nm]
Approx. 45 sq. ft.
AMQ
140 in-lb [16 Nm]
Quick Running (7 sec.)
Approx. 16 sq. ft.

NM
90 in-lb [10 Nm]
Approx. 22 sq. ft.
NMQ
70 in-lb [8 Nm]
Quick Running (4 sec.)
Approx. 12 sq. ft.

LM
45 in-lb [5 Nm]
Approx. 11 sq. ft.
LMQ
35 in-lb [4 Nm]
Quick Running (2.5 sec.)
Approx. 8.5 sq. ft.

CM
18 in-lb [2 Nm]
Approx. 4.5 sq. ft.

UM
9 in-lb [1 Nm]
Approx. 6 sq. ft.
(form fit available)

AH
101 lbf [450 N Force]
4" or 8" linear stroke
AHQ
44 lbf [200 N Force]
4" linear stroke

LH
34 lbf [150 N Force]
4" or 8" linear stroke
LHQ
22 lbf [100 N Force]
4" linear stroke

UH
11 lbf [50 N Force]
2.4" linear stroke

Fire and Smoke Series

FSAF*A
180 in-lb [20 Nm]
Approx. 18 sq. ft. @ 350°F

FSTF
18 in-lb [2 Nm]
Approx. 1.5 sq. ft. @ 250°F

IoT Actuators Making Systems Transparent

		Model #	Specifications
Air	Non Fail-Safe	LMB24-IP	Control Input Options: Local Control, Bus, or Cloud
		NMB24-IP	
		AMB24-IP	
		GMB24-IP	
	Fail-Safe	AFB24-IP	2...10 V, BACnet/IP or Modbus TCP, Cloud Control API
		AKB24-IP	
		GKB24-IP	
Water	Non Fail-Safe	LRB24-IP	Two Universal Inputs
		ARB24-IP	Local Data Storage via Built-in Web Server
	Fail-Safe	AFRB24-IP	
		AKRB24-IP	
Sensors	Contact	Switch (01APS..)	Contact Closure
		Temperature (01DT..)	
	Passive	Humidity (22DTH..)	PT.., NTC..
		Pressure (22ADP..)	
	Active	Temperature/CO_2/VOC (22DCK..)	Analog
		Flow (FM..)	

Electronic Fail-Safe Series

PKB
1,400 in-lb [160 Nm]
NEMA 4X

GK
360 in-lb [40 Nm]
Approx. 90 sq. ft.

NKQ
54 in-lb [6 Nm]
Approx. 12 sq. ft.
4 seconds

AHK
101 lbf [450 N force]
4" linear stroke

Mechanical Fail-Safe Series

EF
270 in-lb [30 Nm]
Approx. 66 sq. ft.
NEMA 4 available

AF
180 in-lb [20 Nm]
Approx. 45 sq. ft.
(AFBUP accepts
between 24...240 V)

NF
90 in-lb [10 Nm]
Approx. 22 sq. ft.
(NFBUP accepts
between 24...240 V)

LF
35 in-lb [4 Nm]
Approx. 8.5 sq. ft.

TF
22 in-lb [2.5 Nm]
Approx. 5.5 sq. ft.

NOTE: Damper square footage based on parallel blade without edge seals and 1000 FPM air velocity.