

# When speed and reliability are required, Belimo leads the way.



## Quick running actuators set new standards.

The new quick running actuators are designed with the power, flexibility and efficiency that today's HVAC applications demand.

- Speed of 2.5 seconds for 90° at 35 in-lb (4Nm)
- 7 seconds for 90° at 140 in-lb (16Nm)
- 100% torque guaranteed over entire operating range
- MFT version is field selectable for open/close and modulating
- Patent load reduction gear technology allows for longer life and smoother operation


### Quick running for air solutions

Whether in heating or cooling circuits, ventilation, extraction or VAV systems – the new quick running actuators open and close air dampers at top speed. Quick running actuator ensures fresh air in paint rooms, laboratories and other sensitive areas. Rugged motors, gearboxes and NEMA 2 housings guarantee a long service life – even under the harshest of conditions. The automatic current reduction at standstill, as well as a mechanical torque lock, lowers the energy consumption to a minimum.

### Large selection with individual adaptability

The quick running actuators are available as rotary and linear actuators with open/close or modulating control. Field programmable types are available; which allow the running time, torque, operating range and position feedback to be optimized to the specific application. Cables, form-fits, clamps and the label can be adapted individually on request. And because they are operated exactly the same as all Belimo actuators, no special training is required for their use.

# Quick running actuators – versatile in performance and function.

Product ranges / technical data										
	Function									
	Torque / Lifting force (in-lb / lbf)	Running time (sec)	On/Off	Modulating 2...10 V	24 volt	Cable: 3'	Optional 10' or 16' cable	Optional times (sec)	Housing color, orange	Housing color, grey (OEM)
<b>Rotary actuators 90°</b>	<b>in-lb</b>									
LMQB24-1	35	2.5	•	-	•	•	-	-	•	•
LMQX24-1	35	2.5	•	-	•	•	•	10, 15	•	•
LMQB24-MFT	35	2.5	-	•	•	•	-	-	•	•
LMQX24-MFT	35	2.5	-	•	•	•	•	10, 15	•	•
NMQB24-1	70	4	•	-	•	•	-	-	•	•
NMQX24-1	70	4	•	-	•	•	•	10, 15	•	•
NMQB24-MFT	70	4	-	•	•	•	-	-	•	•
NMQX24-MFT	70	4	-	•	•	•	•	10, 15	•	•
AMQB24-1	140	7	•	-	•	•	-	-	•	•
AMQX24-1	140	7	•	-	•	•	•	10, 15	•	•
AMQB24-MFT	140	7	-	•	•	•	-	-	•	•
AMQX24-MFT	140	7	-	•	•	•	•	10, 15	•	•
<b>Linear actuators 4" stroke</b>	<b>lbf</b>									
LHQB24-1-100	22	3.5	•	-	•	•	-	-	•	•
LHQX24-1-100	22	3.5	•	-	•	•	•	10, 15	•	•
LHQB24-MFT-100	22	3.5	-	•	•	•	-	-	•	•
LHQX24-MFT-100	22	3.5	-	•	•	•	•	10, 15	•	•
AHQB24-1-100	44	7	•	-	•	•	-	-	•	•
AHQX24-1-100	44	7	•	-	•	•	•	10, 15	•	•
AHQB24-MFT-100	44	7	-	•	•	•	-	-	•	•
AHQX24-MFT-100	44	7	-	•	•	•	•	10, 15	•	•



Belimo Americas

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