

- Fast Running Rotary Actuators for:
- Torque: 4Nm
- Modulating control: LRQU24-SR (AC/DC 24V)
- Open/Close control: LRQU24 (AC/DC 24V)

2-way DN15...40 CCV
 3-way DN15...32 CCV
 4Nm
 LRQU24-SR (AC/DC 24V)
 LRQU24 (AC/DC 24V)



Technical data

Basic technical data

Torque	Min. 4Nm @ nominal voltage	
Sound power level	~52 dB(A)	
Position indicator	Mechanical, pluggable	
Running time	5s	
Mode of operation	Type 1 (EN 60730-1)	
Ambient temp.	0...+40°C (no restrictions) +40...+50°C (Caution: can only be used with restrictions. Please contact your Belimo representative.)	
Non-operation temp.	-40...+80°C	
Humidity	5...95% RH, non-condensing	
Degree of protection	IP54	
EMC	CE according to 2004/108/EC	
Certification	cULus according to UL 60730-1A and UL/NEMA 2 and CAN/CSA E60730-01:02 Certified to IEC/EN 60730-1 and IEC/EN 60730-2-14	
Control pollution degree	3 (EN 60730-1)	
Parallel connection	Possible, note the performance data	
Rated impulse voltage	0.8kV (EN 60730-1)	
Maintenance	Maintenance-free	
LRQU24-SR Nominal voltage	AC 24V 50/60Hz, DC 24V	
Nominal voltage range	AC 19.2...28.8V / DC 21.6...28.8V	
Power consumption	-running	12W
	-holding	1.5W
For transformer sizing	18 VA	
Connecting cable	Cable 1m, 4x0.75mm ²	
Control signal Y	DC 2(0)...10V @ input impedance 100kΩ	
Position feedback signal U	DC 2...10V @ max. 0.5mA	
Override control	MAX (maximum position)	=100%
	MIN (minimum position)	=0%
	ZS (intermediate position, only AC)	=50%
Manual override	Gearing latch disengaged with push button, can be locked	
Protection class	III (safety extra-low voltage)	
Weight	0.95kg	
LRQU24 Nominal voltage	AC 24V 50/60Hz, DC 24V	
Nominal voltage range	AC 19.2...28.8V / DC 21.6...28.8V	
Power consumption	-running	12W
	-holding	1.5W
For transformer sizing	18 VA (I max. 20A @ 5 ms)	
Connecting cable	Cable 1m, 3x0.75mm ²	
Manual override	Gearing latch disengaged with push button, can be locked	
Protection class	III (safety extra-low voltage)	
Weight	0.95kg	