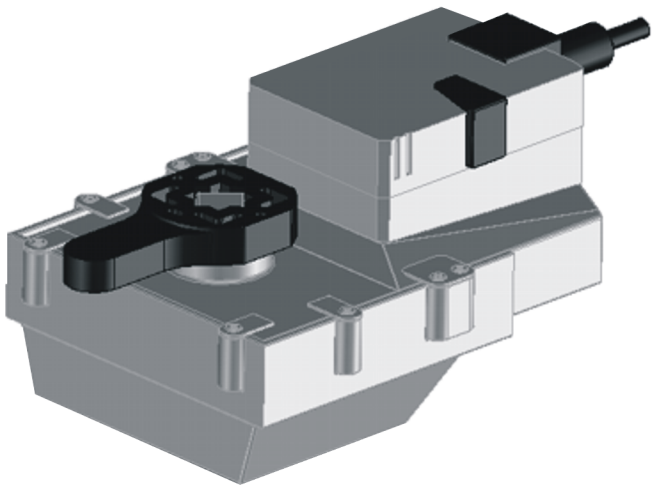


M6422L1003

ROTARY ACTUATOR FOR BUTTERFLY VALVE V5421B1090

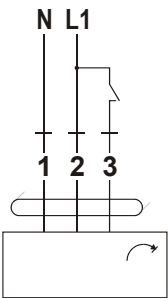
PRODUCT DATA



GENERAL

The M6422L1003 Rotary Actuator is a maintenance-free device designed for use in combination with only the V5421B1090 Butterfly Valve. It is suitable for applications in stationary heating, air conditioning, and ventilation systems. It is not intended for other applications, especially not in aircraft.

ON/OFF CONTROL



ROTARY DRIVE	ROTARY VALVE
	A - AB = 0%

3-POINT CONTROL

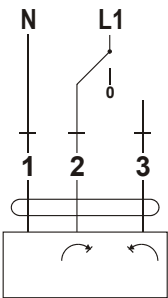


Fig. 1. Wiring

FEATURES

- Orientation of actuator to V5421B1090 Butterfly Valve can be re-adjusted in steps of 90°
- Protected against overloading
- Requires no limit switches (actuator stops automatically at limit)

SPECIFICATIONS

Nominal voltage	100 ... 240 Vac, 50/60 Hz
Operating range	85 ... 265 V
Power consumption	
At nominal torque of 40 Nm	4 W / 7 VA
At rest	2 W
Parallel operation	possible (note power consumption data)
Torque (nominal)	min. 40 Nm (at nominal voltage)
Manual adjustment	pushbutton gear declutch (temporary/permanent)
Run time	150 s / 90° angle
Noise level	max. 45 dB (A)
Position indication	mechanical, attachable
Protection Class	II
Protection Standard	IP54 (regardless of orientation)
EMC	CE as per EEC/89/336
Low-Voltage Directive	CE as per EEC/73/23
Action	type 1 (as per EN 60730-1)
Rated surge voltage	4 kV (as per EN 60730-1)
Pollution degree	3 (as per EN 60730-1)
Ambient temperature	0 ... +50 °C
Temperature of medium	0 ... 90 °C in valve
Storage temperature	-40 ... +80 °C
Ambient humidity	95% r.H., non-condensing
Weight	approx. 1.85 kg
Dimensions	see "Dimensions," pg. 2
Accessories	auxiliary switch AS2, 250 V, 3 (0.5) A

DIMENSIONS

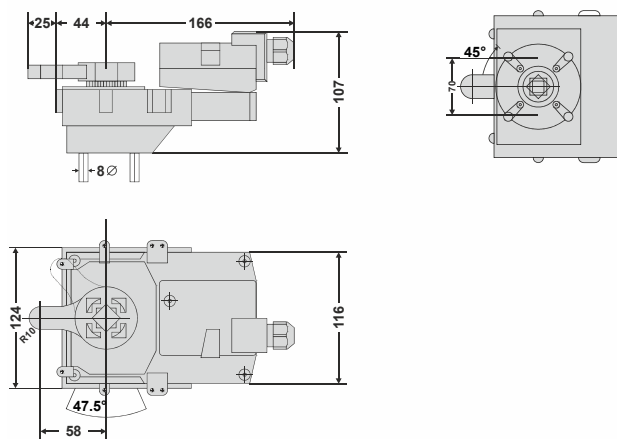


Fig. 2. Dimensions of M6422L1003 (in mm)

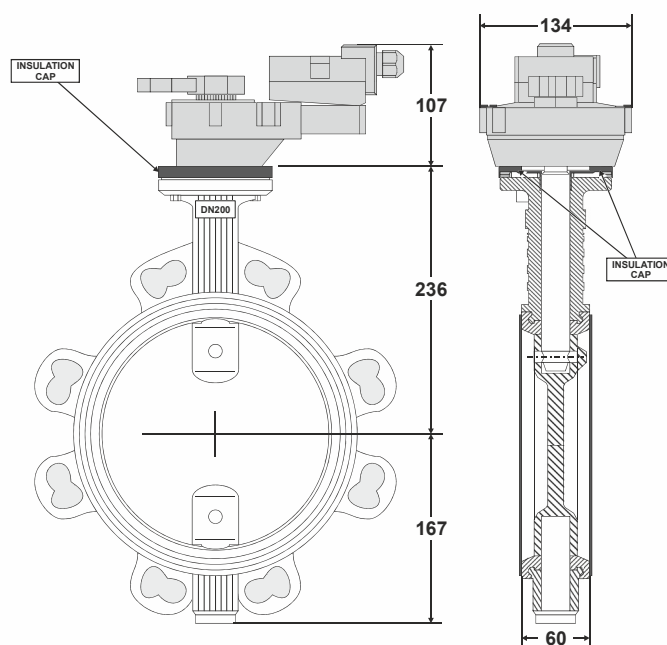


Fig. 3. Dimensions of M6422L1003 in combination with V5421B1090 Butterfly Valve (in mm)

Honeywell

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