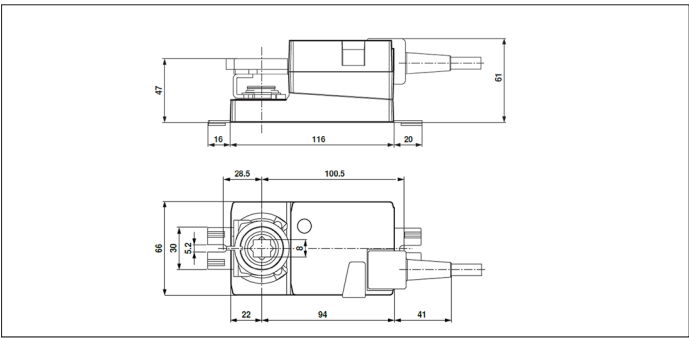
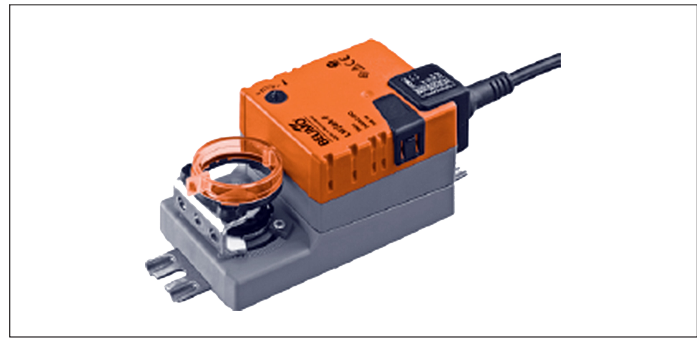


NDAA Electric actuator LMC for AADL & ABDL electric throttle valves



NDAA Electric actuator LMC for AADL & ABDL electric throttle valves
Actuator for operating throttle valves and such in ventilation, dust extraction and air-conditioning systems for building services and industrial installations.

Simple direct mounting on the damper spindleby form-fit. The actuator, with its hollow shaft, is placed over the 8 mm square spindle of the throttle valve and secured by two screws.

Manual override with push-button possible (the gear is disengaged for as long as the button is pressed or remains locked).

Mounted on AADL & ABDL throttle valves Ø80 up to Ø160, they have an adjustable angle of rotation with mechanical end stops. The actuator is overload-proof, requires no limit switches and automatically stops when the end stop is reached.

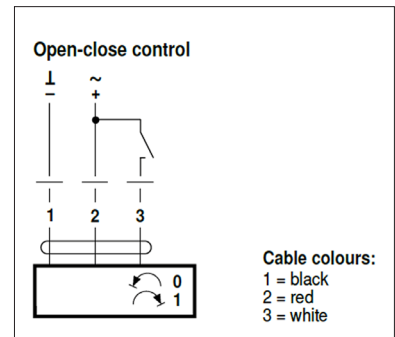
Material
Prewired plastic body on metal base with metal mechanism.

Type
Cable type : 1m, 3 x 0.75 mm².
Torque : 5 Nm.
Angle rotation : max. 95° adjustable.
Speed : 35 sec. / 90°.

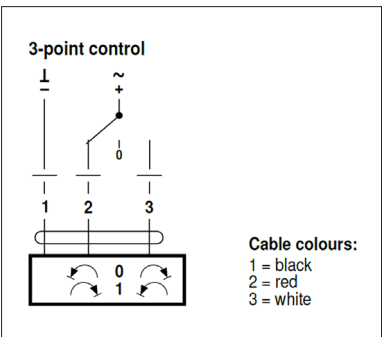
- Other information**
- nominal voltage : 24V AC/DC or 220V AC - 50/60 Hz.
 - power consumption : 1.5 W - 3VA.
 - sound level : 45 dB(A).
 - protection class : NEMA 2, UL enclosure type 2.
 - EMC : 2004/108/EC Directive.
 - certification : cULus according to UL 60730-24A and UL 60730-2-244 and CAN/CSA E60730-24:02, IEC/EN 60730-24 and IEC/EN 60730-2-244.
 - protection level : IP 54.
 - temperature range : -30°C up to +50°C.
 - ambient humidity : 95% non-condensating.
 - maintenance : maintenance free.
 - axle requirements : L = ≥20, 8mm square axle.

Options
- S2-A position detector

⚠ Please state the voltage when ordering:
24 V AC-DC, 220 V AC.



Wiring diagram of electric actuator (open/close)



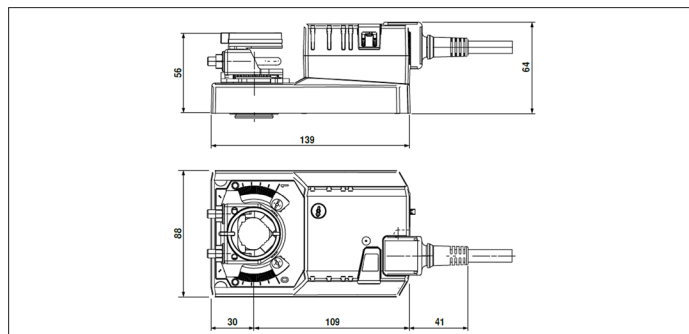
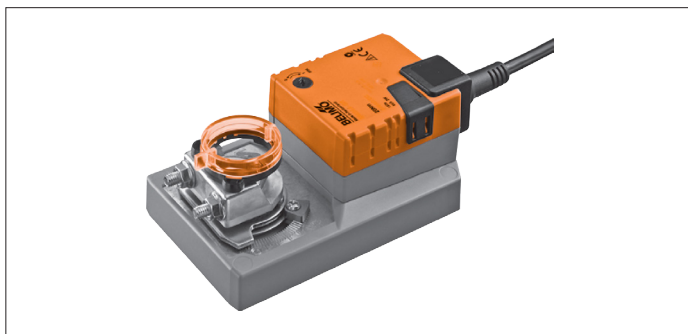
Wiring diagram of electric actuator (3 point control)



Optional S2-A position detector

Model	Code		Weight kg
	24V	220V	
LMC-A	NDAA000009	NDAA000010	0.48

NDAA Electric actuator SM for electric throttle valves (AADL, ABDL, BADL, BBDL, BDDL)



NDAA Electric actuator SM for electric throttle valves (AADL, ABDL, BADL, BBDL, BDDL)

Actuator for operating throttle valves and such in ventilation, dust extraction and air-conditioning systems for building services and industrial installations.

Simple direct mounting on the damper spindle by form-fit. The actuator, with its hollow shaft, is placed over the 8 mm square spindle of the throttle valve and secured by two screws.

Manual override with push-button possible (the gear is disengaged for as long as the button is pressed or remains locked).

Mounted on throttle valves AADL & ABDL Ø160 up to Ø800, and BADL, BBDL & BDDL Ø80 up to Ø175 without seal, they have an adjustable angle of rotation with mechanical end stops. The actuator is overload-proof, requires no limit switches and automatically stops when the end stop is reached.

! Please state the voltage when ordering:
24 V AC-DC, 220 V AC.

Material

Prewired plastic body on metal base with metal mechanism.

Type

Cable type : 1m, 3 x 0.75 mm².

Torque : 20 Nm.

Angle rotation : max. 95° adjustable.

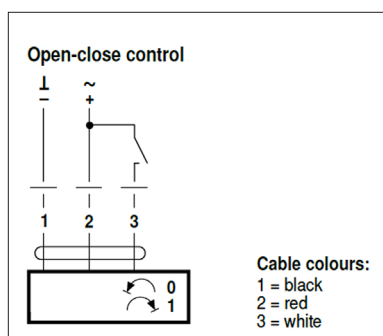
Speed : 150 sec. / 90°.

Other information

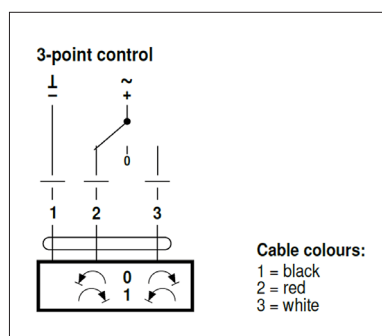
- nominal voltage : 24V AC/DC or 220V AC - 50/60 Hz
- power consumption : 2W / 4VA or 2.5W / 6VA
- sound level : 45 dB(A)
- protection class : NEMA 2, UL enclosure type 2
- EMC : 2004/108/EC Directive
- certification : cULus according to UL 60730-25A and UL 60730-2-254 and CAN/CSA E60730-25:02, IEC/EN 60730-25 and IEC/EN 60730-2-254
- protection level : IP 54
- emperature range : -30°C up to +50°C
- ambient humidity : 95% non-condensating
- maintenance : maintenance free
- axle requirements : L = ≥20.8 mm square axle

Options

- S2-A position detector



Wiring diagram of electric actuator (open/close)



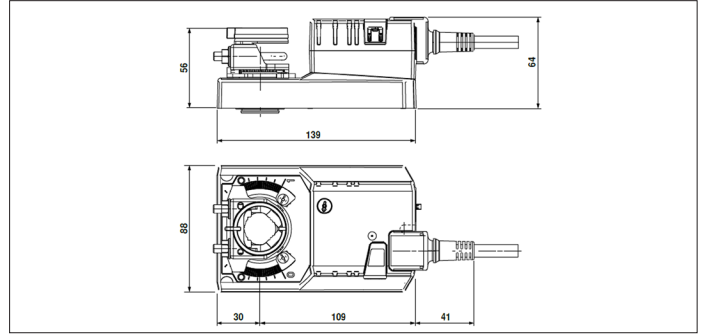
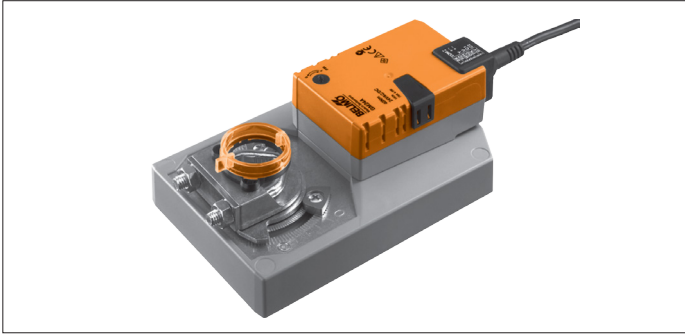
Wiring diagram of electric actuator (3 point control)



Optional S2-A position detector

Model	Code		Weight kg
	24V	220V	
SM	NDAA000011	NDAA000012	1.00

NDAA Electric actuator GM for electric throttle valves (BADL, BBDL, BDDL)



NDAA Electric actuator GM for electric throttle valves (BADL, BBDL, BDDL)

Actuator for operating throttle valves and such in ventilation, dust extraction and air-conditioning systems for building services and industrial installations.

Simple direct mounting on the damper spindle by form-fit. The actuator, with its hollow shaft, is placed over the 8 mm square spindle of the throttle valve and secured by two screws.

Manual override with push-button possible (the gear is disengaged for as long as the button is pressed or remains locked).

Mounted on throttle valves BADL, BBDL & BDDL Ø80 up to Ø200 with seal and Ø200 up to Ø300 without seal, they have an adjustable angle of rotation with mechanical end stops. The actuator is overload-proof, requires no limit switches and automatically stops when the end stop is reached.

! Please state the voltage when ordering:
24 V AC-DC, 220 V AC.

Material

Prewired plastic body on metal base with metal mechanism.

Type

Cable type : 1m, 3 x 0.75 mm².

Torque : 40 Nm.

Angle rotation : max. 95° adjustable.

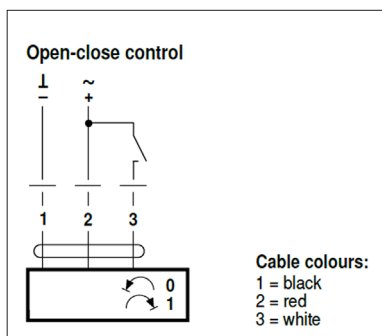
Speed : 150 sec. / 90°.

Other information

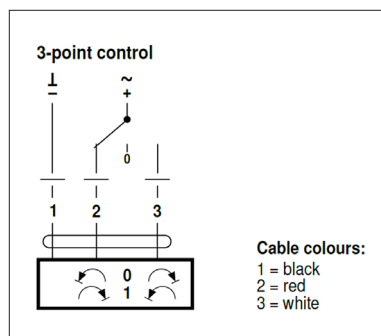
- nominal voltage : 24V AC/DC or 220V AC - 50/60 Hz
- power consumption : 4W / 6VA
- sound level : 45 dB(A)
- protection class : NEMA 2, UL enclosure type 2
- EMC : 2004/108/EC Directive
- certification : cULus according to UL 60730-26A and UL 60730-2-264 and CAN/CSA E60730-26:02, IEC/EN 60730-26 and IEC/EN 60730-2-264
- protection level : IP 54
- temperature range : -30°C up to +50°C
- ambient humidity : 95% non-condensating
- maintenance : maintenance free
- axle requirements : L = ≥25.2 mm square axle

Options

- S2-A position detector



Wiring diagram of electric actuator (open/close)



Wiring diagram of electric actuator (3 point control)



Optional S2-A position detector

Model	Code		Weight kg
	24V	220V	
GM		NDAA000013	1.70