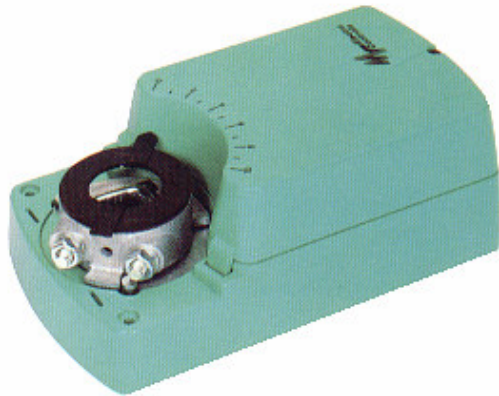


Series DA... Damper & Valve Actuators



3 Basic Models:

- On/Off or 3 Point
- 0 – 10 Vdc Modulating
- Spring Return

Specifications

- Power Supplies:
24 Vac +/- 20%; 24 Vdc +/- 10 %:
230 Vac +/- 20%.
- Max. Power Consumption:
Series DA & DM 5.5 Watt.
Series DA.F 8.0 Watt.
- Cable Entry: PG11
- Rotation Angle: 0...90 Degrees Angular.
- Shaft Sizes:
Square 18mm. : Round 20 mm.
- Auxiliary Switch : Options

Specifications – Contd.

- Drive Times:
DA./DM : 4Nm. 35 secs. 8Nm 30 secs
16Nm. 80 secs, 24 Nm. 125 secs.
32 Nm. 140 secs
DA.F. : 90 SECS, Spring Return 10 secs.
- Aux. Switch Electrical Rating:
3(1.5) Amp @ 230 Vac
3(1.5) Amp @ 24 Vac
- Ambient Temperature: -20. ..50 °C
- IP Rating: 54
- Up-to 20 actuators can be connected in parallel

Models

On / Off & 3 Wire Control Action

Model	Voltage	Torque Nm
DAN1	24 Vac or dc	4
DAN2	230 Vac	4
DAS1	24 Vac or dc	8
DAS2	230Vac	8
DA1	24 Vac or dc	16
DA2	230 Vac	16
DAL1	24 Vac or dc	24
DAL2	230 Vac	24
DAG1	24 Vac or dc	32
DAG2	230 Vac	32

Dims: 4 Nm. 165x85x65:
8 to 32Nm. 180x100x67

0(2) – 10 Vdc Modulating Control Action

Model	Voltage	Torque Nm
DMN1	24 Vac or dc	4
DMS1.1	230 Vac	8
DM1.1	24 Vac or dc	16
DM2.2	230 VAC	16
DML1.1	24 Vac or dc	24
DMG1.1	24 Vac or dc	32

Spring Return On / Off Control Action

DA1.F	24 Vac or dc	16
DA2.F	230 Vac	16

Actuator Torque~ Damper Area: 4Nm.= 1Sq. m
8Nm. = 6sq.m. 16 Nm.= 4 sq. m. 32 Nm. =8 sq.m.

The manufacturer reserves the right to make changes without prior notice