

CHAPTER 9



Damper actuators

Regin has a complete range of damper actuators. The damper actuators are supplied in different models from 4 Nm to 40 Nm with or without spring-return.

Damper actuators with spring return
Damper actuators without spring return
Accessories

Damper actuators with spring return

4 Nm with spring return



Technical data	
Mounting	Directly on jack shaft
For jack shaft	8...16 Ø (round shaft) 8...12 mm, (square shaft)
Max damper size	0.8 m²
Torque	4 Nm
Control signal	On/off 0...10 V (working range 2... 10 V) type RDAB5S-24A only
Spring return	~ 20 s, -20...+50°C, max 60 s at -30°C
Protection class	IP54

Control signal	Supply voltage	Running time actuator	Features	Type	Notes
On/off	24 V AC/DC, 7 VA	40 - 75 s (0...4 Nm)		RDAB5S-24	
On/off	24 V AC/DC, 7 VA	40 - 75 s (0...4 Nm)	Auxiliary switch	RDAB5S-24S	
On/off	230 V AC, 7 VA	40 - 75 s (0...4 Nm)		RDAB5S-230	
On/off	230 V AC, 7 VA	40 - 75 s (0...4 Nm)	Auxiliary switch	RDAB5S-230S	
0...10 V DC	24 V AC/DC, 7 VA	150 s		RDAB5S-24A	

15 Nm with spring return



Technical data	
Mounting	Directly on jack shaft
For jack shaft	10...20 mm Ø (round shaft) 10...16 mm, (square shaft)
Max damper size	3 m²
Torque	15 Nm
Control signal	On/off 0...10 V (working range 2... 10 V) type RDAB15S-24A only
Spring return	~ 16s
Protection class	IP54

Control signal	Supply voltage	Running time actuator	Features	Type	Notes
On/off	24 V AC/DC, 10 VA	150 s		RDAB15S-24	
On/off	24 V AC/DC, 10 VA	150 s	Auxiliary switch	RDAB15S-24S	
On/off	230 V AC, 11 VA	150 s		RDAB15S-230	
On/off	230 V AC, 11 VA	150 s	Auxiliary switch	RDAB15S-230S	
0...10 V DC	24 V AC/DC, 10 VA	150 s		RDAB15S-24A	

Damper actuators

5 Nm



Technical data	
Mounting	Directly on jack shaft
For jack shaft	6...16 mm Ø (round shaft) 4...11 mm, (square shaft)
Max damper size	1.0 m ²
Torque	5 Nm
Control signal	On/off 0...10 V (working range 2...10 V) RDAB5-24A only
Protection class	IP54

Control signal	Supply voltage	Running time actuator	Features	Type	Notes
On/off, 3-point	24 V AC/DC, 2 VA	150 s		RDAB5-24	
On/off, 3-point	24 V AC/DC, 2 VA	150 s	Auxiliary switch	RDAB5-24S	
On/off, 3-point	230 V AC, 4 VA	150 s		RDAB5-230	
On/off, 3-point	230 V AC, 4 VA	150 s	Auxiliary switch	RDAB5-230S	
0...10 V DC	24 V AC/DC, 2 VA	150 s		RDAB5-24A	

10 Nm



Technical data	
Mounting	Directly on jack shaft
For jack shaft	8...20 mm Ø (round shaft) 10...16 mm, (square shaft)
Max damper size	2 m ²
Torque	10 Nm
Control signal	On/off 0...10 V (working range 2...10 V) RDAB10-24A only
Protection class	IP54

Control signal	Supply voltage	Running time actuator	Features	Type	Notes
On/off, 3-point	24 V AC/DC, 3.5 VA	150 s		RDAB10-24	
On/off, 3-point	24 V AC/DC, 3.5 VA	150 s	Auxiliary switch	RDAB10-24S	
On/off, 3-point	230 V AC, 6 VA	150 s		RDAB10-230	
On/off, 3-point	230 V AC, 6 VA	150 s	Auxiliary switch	RDAB10-230S	
0...10 V DC	24 V AC/DC, 3.5 VA	150 s		RDAB10-24A	

20 Nm



Technical data	
Mounting	Directly on jack shaft
For jack shaft	10...20 mm Ø (round shaft) 10...20mm, (square shaft)
Max damper size	4 m ²
Torque	20 Nm
Control signal	On/off 0...10 V (working range 2...10 V) RDAB20-24A and RDAB20-230A only
Protection class	IP54

Control signal	Supply voltage	Running time actuator	Features	Type	Notes
On/off, 3-point	24 V AC/DC, 4 VA	150 s		RDAB20-24	
On/off, 3-point	24 V AC/DC, 4 VA	150 s	Auxiliary switch	RDAB20-24S	
On/off, 3-point	230 V AC, 6 VA	150 s		RDAB20-230	
On/off, 3-point	230 V AC, 6 VA	150 s	Auxiliary switch	RDAB20-230S	
0...10 V DC	24 V AC/DC, 4 VA	150 s		RDAB20-24A	
0...10 V DC	230 V AC, 6 VA	150 s		RDAB20-230A	

40 Nm



Technical data	
Mounting	Directly on jack shaft
For jack shaft	12...20 mm Ø (round shaft) 9...16 mm, (square shaft)
Max damper size	8 m ²
Torque	40 Nm
Control signal	On/off 0...10 V (working range 2...10 V) RDAB40-24A only
Protection class	IP54

Control signal	Supply voltage	Running time actuator	Features	Type	Notes
On/off	24 V AC/DC, 7 VA	150 s		RDAB40-24	
On/off	230 V AC, 7 VA	150 s		RDAB40-230	
0...10 V DC	24 V AC/DC, 7 VA	150 s		RDAB40-24A	

Accessories

Accessories



Description	Type	Notes
Ball joint for 8 mm push rods	RK8	
Ball joint 8 mm push rods, 100 pcs	RK8:100	
Ball joint 10 mm push rods	SK10	
Ball joint 10 mm push rods, 100 pcs	SK10:100	
Damper Crank arm universal, Ø 10...18 mm, □ 10...14 mm	KH8	
Damper Crank arm for SM...A	AH-20	
Damper Crank arm for NM...A	AH-25	
Damper Crank arm for AF	KH-AF	
Shaft extension, 250 mm, Ø 10...18 mm, □ 10...14 mm	AV10-18	
Shaft extension, 75 mm, Ø 10...18 mm, □ 10...14 mm	AV1	
Mounting kit for damper actuator AF	ZG-AF	
Mounting kit for damper actuator LF	ZG-LF1	
Mounting kit for damper actuator NM...A	ZG-NMA	
Mounting kit for damper actuator SM...A	ZG-SMA	
Spindle clamp round shaft 16-20 mm	K6-1	
Auxiliary switch (1) add-on for LM, NM, SM & GM	S1A	
Auxiliary switches (2) add-on for LM, NM, SM & GM	S2A	
Extension for ground plate SM/AM to SM...A	Z-SMA	
Adapter 8x8 mm to Ø 16 mm	ZA-LM	