

Damper actuators with spring return

4 Nm

4 Nm damper actuator with spring return



Technical data	
Mounting	Directly on jack shaft
For jack shaft	8...16 mm Ø (round shaft), 8...12 mm (square shaft)
Max. damper size	0.8 m ²
Torque	4 Nm
Running time, spring return	20 s, -20...+50°C, max. 60 s at -30°C
Protection class	IP54

Article	Control signal	Supply voltage	Running time, actuator	Auxiliary switch
RDAB5S-24	On/off	24 V AC/DC, 7 VA	40...75 s (0...4 Nm)	-
RDAB5S-24S	On/off	24 V AC/DC, 7 VA	40...75 s (0...4 Nm)	1 x SPDT, 6 (1.5) A, 250 V AC. Switching point: adjustable 0...100 %.
RDAB5S-230	On/off	230 V AC, 7 VA	40...75 s (0...4 Nm)	-
RDAB5S-230S	On/off	230 V AC, 7 VA	40...75 s (0...4 Nm)	1 x SPDT, 6 (1.5) A, 250 V AC. Switching point: adjustable 0...100 %.
RDAB5S-24A	0...10 V DC (working range 2...10 V)	24 V AC/DC, 7 VA	150 s	-

10 Nm

10 Nm damper actuator with spring return



Technical data	
Mounting	Directly on jack shaft
For jack shaft	10...22 mm Ø (round shaft), 14...25.4 mm (square shaft)
Max. damper size	2 m ²
Torque	10 Nm
Running time, spring return	20 s
Protection class	IP54

Article	Control signal	Supply voltage	Power consumption	Running time, actuator	Auxiliary switch
RDAB10S	On/off	24...240 V AC, 50/60 Hz, 24...125 V DC	10 VA (24 V) / 11 VA (230 V)	75 s	-
RDAB10S-S	On/off	24...240 V AC, 50/60 Hz, 24...125 V DC	10 VA (24 V) / 11 VA (230 V)	75 s	2 x SPDT, 1 mA ... 3 (0.5) A, 250 V AC. Switching points: fixed 10 %, adjustable 10...90 %.
RDAB10S-24A	0...10 V DC (working range 2...10 V, 24 V AC only)	24 V AC, 50/60 Hz, 24 V DC	8 VA	150 s	-

20 Nm

20 Nm damper actuator with spring return



Technical data	
Mounting	Directly on jack shaft
For jack shaft	10...22 mm Ø (round shaft), 14...25.4 mm (square shaft)
Max. damper size	4 m ²
Torque	20 Nm
Running time, spring return	20 s
Protection class	IP54

Article	Control signal	Supply voltage	Power consumption	Running time, actuator	Auxiliary switch
RDAB20S	On/off	24...240 V AC, 50/60 Hz, 24...125 V DC	7 VA (24 V) / 18 VA (230 V)	75 s	-
RDAB20S-S	On/off	24...240 V AC, 50/60 Hz, 24...125 V DC	7 VA (24 V) / 18 VA (230 V)	75 s	2 x SPDT, 1 mA ... 3 (0.5) A, 250 V AC. Switching points: fixed 10 %, adjustable 10...90 %.
RDAB20S-24A	0...10 V DC (working range 2...10 V, 24 V AC only)	24 V AC, 50/60 Hz, 24 V DC	8.5 VA	150 s	-

Damper actuators without spring return

5 Nm

5 Nm damper actuator without spring return



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
Protection class	IP54

Article	Control signal	Supply voltage	Running time, actuator	Auxiliary switch
RDAB5-24	On/off, 3-point	24 V AC/DC, 2 VA	150 s	-
RDAB5-24S	On/off, 3-point	24 V AC/DC, 2 VA	150 s	1 mA ... 3 (0.5) A, 250 V AC
RDAB5-230	On/off, 3-point	230 V AC, 4 VA	150 s	-
RDAB5-230S	On/off, 3-point	230 V AC, 4 VA	150 s	1 mA ... 3 (0.5) A, 250 V AC
RDAB5-24A	0...10 V DC (working range 2...10 V)	24 V AC/DC, 2 VA	150 s	-

10 Nm

10 Nm damper actuator without spring return



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
Protection class	IP54

Article	Control signal	Supply voltage	Running time, actuator	Auxiliary switch
RDAB10-24	On/off, 3-point	24 V AC/DC, 3.5 VA	150 s	-
RDAB10-24S	On/off, 3-point	24 V AC/DC, 3.5 VA	150 s	1 mA ... 3 (0.5) A, 250 V AC
RDAB10-230	On/off, 3-point	230 V AC, 6 VA	150 s	-
RDAB10-230S	On/off, 3-point	230 V AC, 6 VA	150 s	1 mA ... 3 (0.5) A, 250 V AC
RDAB10-24A	0...10 V DC (working range 2...10 V)	24 V AC/DC, 3.5 VA	150 s	-

20 Nm

20 Nm damper actuator without spring return



Technical data	
Mounting	Directly on jack shaft
For jack shaft	10...20 mm Ø (round shaft), 10...20 mm (square shaft)
Max. damper size	4 m ²
Torque	20 Nm
Protection class	IP54

Article	Control signal	Supply voltage	Running time, actuator	Auxiliary switch
RDAB20-24	On/off, 3-point	24 V AC/DC, 4 VA	150 s	-
RDAB20-24S	On/off, 3-point	24 V AC/DC, 4 VA	150 s	1 mA ... 3 (0.5) A, 250 V AC
RDAB20-230	On/off, 3-point	230 V AC, 6 VA	150 s	-
RDAB20-230S	On/off, 3-point	230 V AC, 6 VA	150 s	1 mA ... 3 (0.5) A, 250 V AC
RDAB20-24A	0...10 V DC (working range 2...10 V)	24 V AC/DC, 4 VA	150 s	-
RDAB20-230A	0...10 V DC (working range 2...10 V)	230 V AC, 6 VA	150 s	-

40 Nm

40 Nm damper actuator without spring return



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
Protection class	IP54

Article	Control signal	Supply voltage	Running time, actuator
RDAB40-24	On/off	24 V AC/DC, 7 VA	150 s
RDAB40-230	On/off	230 V AC, 7 VA	150 s
RDAB40-24A	0...10 V DC (working range 2...10 V)	24 V AC/DC, 7 VA	150 s

Damper actuator accessories



Article	Description
RK8	Ball joint for 8 mm push rods
RK8:100	Ball joint for 8 mm push rods, 100 pcs
SK10	Ball joint for 10 mm push rods
SK10:100	Ball joint for 10 mm push rods, 100 pcs
KH8	Damper crank arm, universal, for \varnothing 10...18 mm or \square 10...14 mm
AH-20	Damper crank arm for RDAB20
AH-25	Damper crank arm for RDAB10
AV10-18	Shaft extension, 250 mm, \varnothing 10...18 mm, \square 10...14 mm
ZG-LF1	Mounting kit for RDAB5S, for axial movement
ZG-NMA	Mounting kit for RDAB10, for axial movement
ZG-SMA	Mounting kit for RDAB20, for axial movement
K6-1	Spindle clamp for RDAB5S, round shaft, 16...20 mm
S1A	1-pole add-on auxiliary switch for RDAB5 and RDAB40
S2A	2-pole add-on auxiliary switch for RDAB5 and RDAB40
Z-SMA	Ground plate extension for RDAB20
ZA-LM	Adapter 8x8 mm to \varnothing 16 mm
Z-AF	Ground plate extension for RDAB20S
K7-3	Reversible universal spindle clamp for RDAB10S and RDAB20S