



SIEMENS

Building Technologies

OpenAir™:
Three ranges for all
applications



OpenAir™ damper actuators: three ranges that cover all damper areas

OpenAir™ GDB/GLB



- Non-spring return air damper actuators
- Torque 5/10 Nm
- Linear force 125/250 N
- **Rotary** and **linear** versions
- The smallest damper actuator for 10 Nm torque
- Same dimensions with or without auxiliary switches and feedback potentiometer
- Easy-to-fit actuator with shaft fixing screw
- With or without built-in auxiliary switches and feedback potentiometer
- Complete range of accessories

OpenAir™ GMA/GEB





- **GMA**: spring return air damper actuators
- **GEB**: non-spring return air damper actuators
- **GMA**: **rotary** versions only
- **GEB**: **rotary** and **linear** versions
- Torque 7/15 Nm
- Linear force 400 N
- **GMA**: the smallest spring return damper actuator for 7 Nm torque
- **GEB**: the smallest non-spring return damper actuator for 15 Nm torque
- Same dimensions with or without auxiliary switches and feedback potentiometer
- With or without built-in auxiliary switches and feedback potentiometer
- Self-centring shaft adapter
- Complete range of accessories
- **GMA**: manual adjustment of actuator with Allen key

OpenAir™ GCA/GBB/GIB







- **GCA**: spring return air damper actuators
- **GBB/GIB**: non-spring return air damper actuators
- **GCA/GIB**: **rotary** versions only
- **GBB**: **rotary** and **linear** versions
- Torque 16/25/35 Nm
- Linear force 550 N
- With or without built-in auxiliary switches and feedback potentiometer
- Same dimensions with or without auxiliary switches and feedback potentiometer
- Self-centring shaft adapter
- Complete range of accessories
- **GCA**: manual adjustment of actuator with Allen key

Spring Return Products and Accessories

		Control signal	Power supply	Standard model	Feedback potentiometer (1kOhm)	Adjustable start/span	Adjustable start/span with 2 auxiliary switches	Feedback (1kΩ) with 2 auxiliary switches	2 Auxiliary switches
GMA Series 7 Nm for approx. 1.5 m ² damper area 90 sec. Run Time 15 sec. SR Time		On/Off 2-position	24 VAC/VDC 230 VAC	GMA121.1E GMA321.1E					GMA126.1E GMA326.1E
		Floating 3-position	24 VAC/VDC	GMA131.1E	GMA132.1E				GMA136.1E
		Modulating 0-10 VDC	24 VAC/VDC	GMA161.1E		GMA163.1E	GMA164.1E		GMA166.1E
GCA Series 16 Nm for approx. 3 m ² damper area 90 sec. Run Time 15 sec. SR Time		On/Off 2-position	24 VAC 230 VAC	GCA121.1E GCA321.1E					GCA126.1E GCA326.1E
		Floating 3-position	24 VAC	GCA131.1E				GCA135.1E	
		Modulating 0-10 VDC	24 VAC	GCA161.1E		GCA163.1E	GCA164.1E		GCA166.1E

Non-Spring Return Products and Accessories

GDB Series 5 Nm for approx. 0.8 m ² damper area 150 sec. Run Time (50 Hz)		Floating 3-position	24 VAC 230 VAC	GDB131.1E GDB331.1E	GDB132.1E GDB332.1E				GDB136.1E GDB336.1E
		Modulating 0-10 VDC	24 VAC	GDB161.1E		GDB163.1E	GDB164.1E		GDB166.1E
GLB Series 10 Nm for approx. 1.5 m ² damper area 150 sec. Run Time (50 Hz)		Floating 3-position	24 VAC 230 VAC	GLB131.1E GLB331.1E	GLB132.1E GLB332.1E				GLB136.1E GLB336.1E
		Modulating 0-10 VDC	24 VAC	GLB161.1E		GLB163.1E	GLB164.1E		GLB166.1E
GEB Series 15 Nm for approx. 3 m ² damper area 150 sec. Run Time (50 Hz)		Floating 3-position	24 VAC 230 VAC	GEB131.1E GEB331.1E	GEB132.1E GEB332.1E				GEB136.1E GEB336.1E
		Modulating 0-10 VDC	24 VAC	GEB161.1E		GEB163.1E	GEB164.1E		GEB166.1E
GBB Series 25 Nm for approx. 5 m ² damper area 150 sec. Run Time (50Hz)		Floating 3-position	24 VAC 230 VAC	GBB131.1E GBB331.1E				GBB135.1E GBB335.1E	GBB136.1E GBB336.1E
		Modulating 0-10 VDC	24 VAC	GBB161.1E		GBB163.1E	GBB164.1E		GBB166.1E
GIB Series 35 Nm for approx. 6 m ² damper area 150 sec. Run Time (50Hz)		Floating 3-position	24 VAC 230 VAC	GIB131.1E GIB331.1E				GIB135.1E GIB335.1E	GIB136.1E GIB336.1E
		Modulating 0-10 VDC	24 VAC	GIB161.1E		GIB163.1E	GIB164.1E		GIB166.1E

Rotary to linear kit	Rotary to linear kit w/mounting bracket	Floor mount kit	Frame mount kit	Oversized shaft adapter (to 26.5mm)	Tandem bracket- 2 pt./3 pt. & Elec. tandem	Tandem bracket modulating control	Weather shield	Universal Lever	External aux switch 1x	External aux switch 2x
ASK71.13	ASK71.14	ASK71.11	ASK71.11		ASK73.3		ASK75.3	ASK71.9	ASC77.1E	ASC77.2E
ASK71.3	ASK71.4	ASK71.1	ASK71.2	ASK74.1	ASK73.1	ASK73.2	ASK75.1	ASK71.9	ASC77.1E	ASC77.2E
ASK71.5	ASK71.6	ASK71.6	ASK71.6					ASK71.9		
ASK71.5	ASK71.6	ASK71.6	ASK71.6					ASK71.9		
ASK71.13	ASK71.14	ASK71.11	ASK71.11		ASK73.3		ASK75.3	ASK71.9	ASC77.1E	ASC77.2E
ASK71.3	ASK71.4	ASK71.1	ASK71.2	ASK74.1	ASK73.1	ASK73.2	ASK75.1	ASK71.9	ASC77.1E	ASC77.2E
ASK71.3	ASK71.4	ASK71.1	ASK71.2	ASK74.1	ASK73.1	ASK73.2	ASK75.1	ASK71.9	ASC77.1E	ASC77.2E

Open Air™ damper actuators: three ranges, all options

				AC 24 V	DC 24 V	AC 230 V	Standard	Feedback potentiometer for position indication	Adjustable starting point operating range	2 auxiliary switches	Self-adaption of angular rotation	Power pack	Type reference		
Rotary air damper actuators	Spring return versions	GMA	2-position	■	■	■	■			■		■	GMA 121.1E GMA 126.1E GMA 321.1E GMA 326.1E		
			3-position	■	■	■	■	■			■		■	GMA 131.1E GMA 132.1E GMA 136.1E	
			7 Nm DC 0... 10 V	■	■	■	■			■	■			■	GMA 161.1E GMA 163.1E GMA 164.1E GMA 166.1E
		GCA	2-position	■		■	■					■		■	GCA 121.1E GCA 126.1E GCA 321.1E GCA 326.1E
			3-position	■		■	■	■				■		■	GCA 131.1E GCA 135.1E
			16 Nm DC 0... 10 V	■		■	■			■	■			■	GCA 161.1E GCA 163.1E GCA 164.1E GCA 166.1E
		Non-spring return versions	GDB	3-position	■		■	■	■			■			GDB 131.1E GDB 132.1E GDB 136.1E GDB 331.1E GDB 332.1E GDB 336.1E
				5 Nm DC 0... 10 V	■		■	■			■	■	■		GDB 161.1E GDB 163.1E GDB 164.1E GDB 166.1E
				GLB	3-position	■		■	■	■			■		
			10 Nm DC 0... 10 V		■		■	■			■	■	■		GLB 161.1E GLB 163.1E GLB 164.1E GLB 166.1E
			GEB		3-position	■		■	■	■			■		
				15 Nm DC 0... 10 V	■		■	■			■	■	■		GEB 161.1E GEB 163.1E GEB 164.1E GEB 166.1E
	GBB			3-position	■		■	■	■			■			GBB 131.1E GBB 135.1E GBB 136.1E GBB 335.1E GBB 335.1E GBB 336.1E
			25 Nm DC 0... 10 V	■		■	■			■	■			GBB 161.1E GBB 163.1E GBB 164.1E GBB 166.1E	
			GIB	3-position	■		■	■	■			■			GIB 131.1E GIB 135.1E GIB 136.1E GIB 331.1E GIB 335.1E GIB 336.1E
	35 Nm DC 0... 10 V			■		■	■			■	■			GIB 161.1E GIB 163.1E GIB 164.1E GIB 166.1E	