

OpenAir™

Accessory and spare parts
for air damper actuators

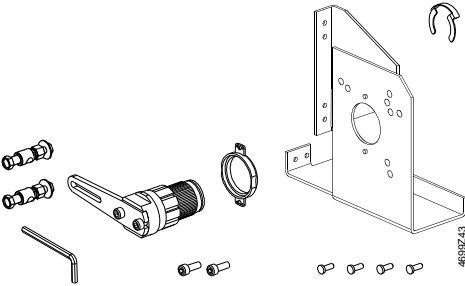
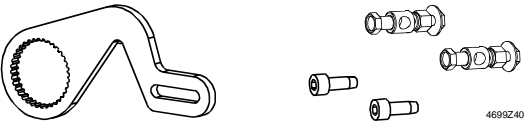
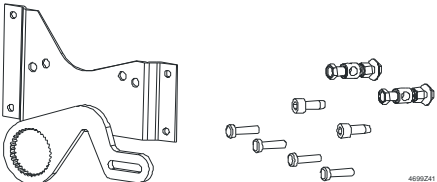
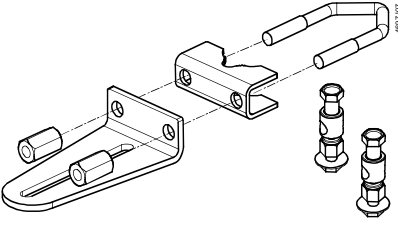
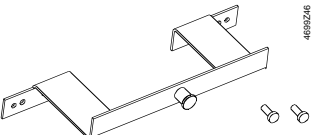
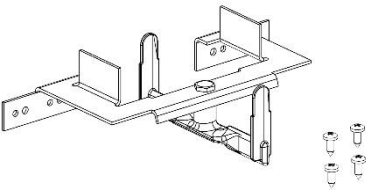
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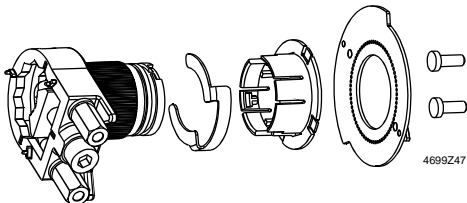
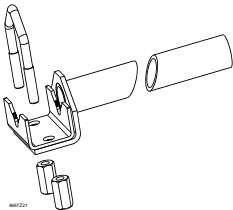
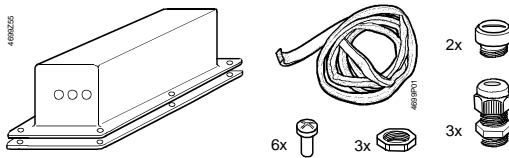
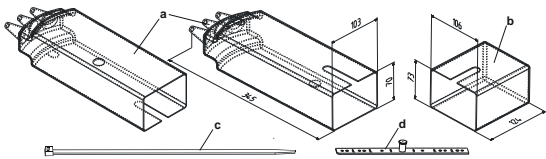
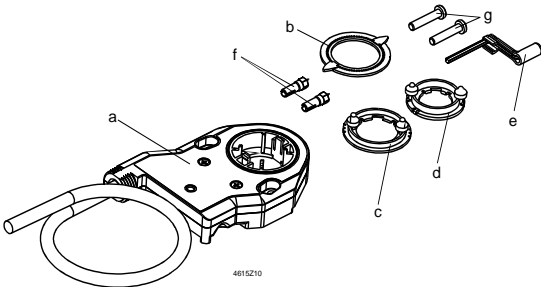
Overview, functions and applications for GCA, GGA, GBB and GIB

This document provides an overview of accessories that extend the functionality of GCA, GGA, GBB, and GIB air damper actuators as well as lists spare parts. Application examples and important dimensions are contained in the appropriate mounting installations (see document no.).

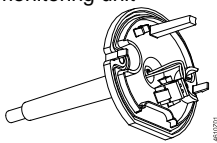
Accessories for rotary actuators

Type Document no. (Classif. no.)	Designation / scope of delivery	Application	
		Actuator	Function
ASK71.1 431926590 (M4626.1)	Rotary/linear set for floor mounting (with mounting plate, external bearing) 	GCA...1 GGA...1 GBB...1 GIB...1	<ul style="list-style-type: none">• Converts rotary to linear movement for floor, duct, or wall mounting (framed)• Ball joints for push rod Ø 8 mm• Not suited for GIB actuators – if the air damper provides the end stop

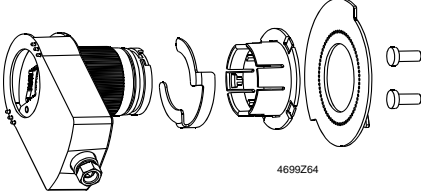
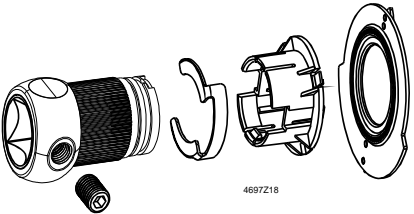
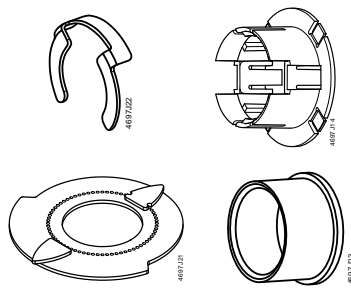
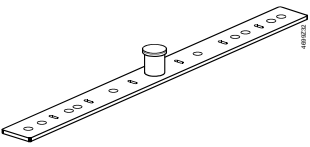
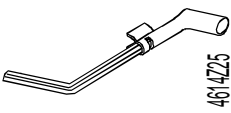
Type Document no. (Classif. no.)	Designation / scope of delivery	Application	
		Actuator	Function
ASK71.2 431927080 (M4626.2)	Rotary/linear set for wall mounting (with mounting plate, external bearing) 	GCA...1 GGA...1 GBB...1 GIB...1	<ul style="list-style-type: none"> • Converts rotary to linear movement for wall mounting (framed) • Ball joints for push rod \varnothing 8 mm • Not suited for GIB actuators <ul style="list-style-type: none"> – if the air damper provides the end stop
ASK71.3 431927250 (M4626.3)	Rotary/linear set with lever 		<ul style="list-style-type: none"> • Converts rotary to linear movement. Suited for: <ul style="list-style-type: none"> - direct floor or wall rear mounting (framed) of the actuator - damper mounting for actuator with additional rotary/linear function • Ball joints for push rod \varnothing 8 mm
ASK71.4 431928460 (M4626.4)	Rotary/linear with lever and mounting plate 		<ul style="list-style-type: none"> • Converts rotary to linear movement • Mounting the actuator on the mounting plate allows for actuator-side floor or wall mounting (framed) • Ball joints for push rod \varnothing 8 mm
ASK71.9 7431902360 (M4614.1)	Universal lever 	GCA... GGA... GBB... GIB...	<ul style="list-style-type: none"> • Converts linear to rotary movement, for mounting on the damper shaft, offset from the actuator • Can be used with ASK71.1 to ASK71.4 • Ball joints for push rod \varnothing 8 mm
ASK73.1 431928490 (M4613.1)	Bracket for power pack 	GCA12..1 GCA32..1 GCA13..1 GGA12..1 GGA32..1 GIB13..1 GIB33..1	<ul style="list-style-type: none"> • Locking element for two rotary actuators on the same shaft (tandem mounted) • Powerpack is suited for two- or three-position control only
ASK73.2 431929500 (M4613.2)	Self-aligning bracket for powerpack 	GCA16..1 GGA16..1 GBB... GIB...	<ul style="list-style-type: none"> • Self-aligning bracket with two rotary actuators on the same shaft (tandem mounted) • Not suited for actuators <ul style="list-style-type: none"> – if the air damper provides the end stop.

Type Document no. (Classif. no.)	Designation / scope of delivery	Application	
		Actuator	Function
ASK74.1 471814060	Special shaft adapter 	GCA...1 GGA...1 GBB...1 GIB...1	This shaft adapter <ul style="list-style-type: none"> • center mounts • is suited for shafts of 15...26.5 mm dia. • maintains all mounting positions within the side profile of the actuator • exceeds the actuator housing less than the standard shaft adapter • Not suited for GIB actuators <ul style="list-style-type: none"> – if the air damper provides the end stop.
ASK74.7	Shaft extension 		<ul style="list-style-type: none"> • Extends the damper shaft by up to approx. 240 mm. • For damper shafts of 8...25.6 mm dia. and 6...18 mm square • Minimum shaft length 40 mm • Cannot be used with ASK73.1 or ASK73.2
ASK75.1 431929460 (M4626.11)	Protective cover for rotary actuator 		<ul style="list-style-type: none"> • Provides additional protection of the rotary actuator against dust and splash-water indoors.
ASK75.4 7431906410 (M4626.12)	Protective cover for rotary actuator 		<ul style="list-style-type: none"> • Provides additional protection to rotary actuator when mounting in any given position
ASC77.1E ASC77.2E 7431904130 (M4615)	External auxiliary switches 		<ul style="list-style-type: none"> • ASC77.1E (1 switch) • ASC77.2E (2 switches)

Actuators for fire and smoke protection dampers

Type Document no. (Classif. no.)	Designation / scope of delivery	Application	
		Actuator	Function
ASK79.4 ASK79.5 7431908350 (M4610)	Duct tip for temperature monitoring unit 	GGA..	ASK79.4 (72 °C) ASK79.5 (95 °C)

Spare parts for rotary actuators

Spare part no.	Designation / scope of delivery	Application	
		Actuator	Function
ASK71.06 (S55859-Z117)	Standard shaft adapter (complete) 	GCA...1 GGA...1 GBB...1 GIB...1	The shaft adapter is <ul style="list-style-type: none"> self-centering suited for damper shafts of 8...25.6 mm dia.
ASK74.17 (S55859-Z108)	Shaft adapter square (complete) 	GCA...1	15 mm
ASK74.18 (S55859-Z109)		GGA...1	12 mm
ASK74.19 (S55859-Z110)		GBB...1	10 mm
ASK74.20 (S55859-Z111)		GIB...1	8 mm
ASK71.02 (S55859-Z102)	Accessory kit 		Consisting of: <ul style="list-style-type: none"> Axial bracket Fixes axle adapter to the actuator. Plastic adapter with position indicator Required on short damper shafts (< 20 mm). It is inserted into the shaft adapter and includes the position indicator Position indicator: It is clamped on the shaft adapter or the plastic adapter and indicates the rotational angle of the air damper. GM plug indicator Fixes the position indicator to the plastic adapter.
ASK71.03 (S55859-Z114)	Mounting bracket (complete) flexible (set of 10) 		Prevents the actuator from twisting and is secured with 2 steel screws (4.8 x 13 mm, DIN 7981).
ASK71.19 (S55859-Z121)	Turnkey for manual adjustment (set of 10) 	GCA...1 GGA...1	Manually adjusts the shaft adapter.

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Siemens Switzerland Ltd

Smart Infrastructure

Global Headquarters

Theilerstrasse 1a

6300 Zug

Switzerland

Tel. +41 58-724 24 24

www.siemens.com/buildingtechnologies