

## DOUBLE-PISTON QUARTER TURN ACTUATORS

### TYPE SAD / SAF BR03C 90°

#### Technical Data

<b>Design :</b>	Pneumatic double-piston quarter turn actuator
<b>Design features :</b>	Rack-and-pinion system, piston guide via guide rods
<b>Angle of rotation :</b>	0°-90°
<b>Air pressure supply :</b>	min. 2 bar, max. 8 bar
<b>Operating medium :</b>	Dry and filtered compressed air
<b>Ambient temperature :</b>	-25°C to +80°C
<b>Mounting position :</b>	any
<b>Resistance to corrosion :</b>	Industrial atmosphere
<b>Lubrication :</b>	Life time lubrication with grease ISO 51825-K2K-30
<b>Seals :</b>	NBR-O-Rings, 70 Shore
<b>Coatings :</b>	Housing anodized and colour sealed End caps - CED cathodic electrodeposition
<b>Maintenance and inspection :</b>	AMG actuators are free of maintenance within the life time. Provided that: <ul style="list-style-type: none"><li>• the actuator is properly mounted</li><li>• the operating medium used is clean and non-aggressive</li><li>• the actuator is operated under normal ambient conditions</li><li>• the actuator is used in compliance with the intended use (see assembly and maintenance manual)</li></ul>
<b>Applied standard:</b>	DIN EN ISO 5211, DIN EN 15714-3, VDI / VDE 3845, DIN 79
<b>Options:</b>	Extended angle of rotation 120°, 135°, 180° Stroke limiting module with adjustable end stops up to +/- 5° (Further information in Data sheet-stroke limiting module- BR16-size 10 - 50) Ambient temperature up to +100°C Ambient temperature down to -40°C Sealing elements made of FKM (viton) or alternatively fluorosilicone Tailor made mounting kits and dimensioning acc. To customer requirements Variable cycle times (fast / slow) Variable sens of rotation (clockwise / counterclockwise) Coating options: Hard-Coat, chemical nickelplating, plastic coating, special lacquer



SAF



SAD



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