

DOUBLE-PISTON QUARTER TURN ACTUATORS

TYPE SAD / SAF BR16 90°

Technical Data

Design :	Pneumatic double-piston quarter turn actuator
Design features :	Rack-and-pinion system, piston guide via guide rods
Angle of rotation :	0°-90°
Air pressure supply :	min. 2 bar, max. 8 bar
Operating medium :	Dry and filtered compressed air
Ambient temperature :	-25°C to +80°C
Mounting position :	any
Resistance to corrosion :	Industrial atmosphere
Lubrication :	Life time lubrication with grease ISO 51825-K2K-30
Seals :	NBR-O-Rings, 70 Shore
Coatings :	Housing anodized and colour sealed End caps - CED cathodic electrodeposition
Maintenance and inspection :	AMG actuators are free of maintenance within the life time. Provided that: the actuator is properly mounted the operating medium used is clean and non-aggressive the actuator is operated under normal ambient conditions the actuator is used in compliance with the intended use (see assembly and maintenance manual)
Applied standard:	DIN EN ISO 5211, DIN EN 15714-3, VDI / VDE 3845, DIN 79
Options:	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

