

Pneumatic quarter turn actuator DAPS

Constructional design	Scotch Yoke
Function	Double and single acting
Torque range	8 Nm to 8000 Nm
Sizes	0008, 0015, 0030, 0053, 0060, 0090, 0106, 0120, 0180, 0240, 0360, 0480, 0720, 0960, 1440, 1920, 2880, 3840, 4000, 5760, 8000
Swivel angle	90°
End-position range at 0°	-1° ...+9° (adjustable on one side)
Closing direction	Configurable Right
Labelling	Laser mark
Fitting connection conforms to standard	ISO 5211
Valve connection conforms to standard	VDI/VDE 3845 (NAMUR), configurable in G or NPT thread
Operating pressure	1 ... 8,4 bar for standard 3 ... 8,4 for low temperature and high temperature version
Operating medium	compressed air according ISO 8573-1:2010 [7:4:4] for standard [7:1:4] for low temperature version [7:3:4] for high temperature version
Ambient temperature	-20 ... 80 °C (for standard) -50 ... 60 °C (for low temperature option) 0 ... 150°C (for option T4)
Material conform	to RoHS, Standard Containing PWIS substances, RoHS conform, low and high temperature version
End cap material	wrought aluminium alloy
Housing material	wrought aluminium alloy
Screw material	high alloy steel
Shaft material	high alloy steel (1.4305)
ATEX category Gas / Dust	II 2GD
Explosio-proof ambient temperature	-20°C ≤ Ta ≤ +60°C -50°C ≤ Ta ≤ +60°C (for low temperature version) 0°C ≤ Ta ≤ +150°C (for high temperature version)
CE Labelling	To EU Explosion Protection Directive (ATEX) according IEC 61508
Security Integrity Level (SIL)	SIL 3 Low Demand mode