

Pneumatic actuators for quarter turn valves



GEMÜ 9415

Quarter turn actuator, plastic, pneumatically operated

Actuator sizes ø	Max. torque [Nm]	Max. control pressure [bar]	Control connection
Size 0: 50 mm	6	Actuator 0: 6 bar	G ¼
Size 1: 70 mm	32	Actuator 1: 6 bar	
Size 2: 100 mm	49	Actuator 2: 6 bar	
Size 3: 140 mm	140	Actuator 3: Control function 1 (NC): 5 bar Control function 3 (DA): 4 bar	



GEMÜ DR/SC

Quarter turn actuator, metal, pneumatically operated

Max. torque [Nm]	Max. control pressure [bar]	Control connection
8.1 to 5446	6 - 8	0015 to 0100: G ⅛ 0150 to 1200: G ¼ 2000: G ⅜ 3000 to 5000: G ½



GEMÜ ADA/ASR

Quarter turn actuator, metal, pneumatically operated

Max. torque [Nm]	Max. control pressure [bar]	Control connection
10 to 5000	6 - 8	G ¼



GEMÜ 410



GEMÜ 710



GEMÜ 481

Motorized actuators for quarter turn valves



GEMÜ 9428

Quarter turn actuator, motorized

- For nominal sizes DN 15 to 50
- Maximum travel: 93° (nominal travel: 90°)
- Electrical connection: Cable gland or connector
- With optical position indicator
- Option with additional potential-free limit switches
- Ambient temperature: -10 to 60 °C

Power supply	Torque [Nm]	Operating time approx. [s]
12/24 VDC, 12/24 VAC, 100-230 VAC	6	4
12/24 VDC, 12/24 VAC, 100-230 VAC	15	11
24 VDC, 24 VAC, 100-230 VAC	35	15



GEMÜ 9468

Quarter turn actuator, motorized

- For nominal sizes DN 65 to 250
- Maximum travel: 93° (nominal travel: 90°)
- Electrical connection: Connector
- With optical position indicator
- Option with additional potential-free limit switches
- Option with analogue position feedback via potentiometer
- Option with integrated positioner
- Ambient temperature: -10 to 60 °C

Power supply	Torque [Nm]	Operating time approx. [s]
24 VDC, 24 VAC, 120 VAC, 230 VAC	70	15
	100	20
	200	16
	400	29



GEMÜ 9ASS

Linear actuator, motorized

- For linear valves with flange adapters
- Electrical connection: Connector
- Maximum stroke: 28 to 46 mm (dependent on actuator version)
- With optical position indicator
- Power supply 24 VDC, 120 VAC/230 VAC 50/60 Hz
- Operating time 1.04-3.3 mm/sec. (dependent on actuator version)
- Ambient temperature: 0 to 55 °C
- Automatic initialisation
- Fieldbus capable (Profibus, AS-Interface)
- Torque limitation
- Max. torque 4.5-14 kN (dependent on actuator version)
- Option with positioner or process controller
- Position feedback
- Programmable end position feedback