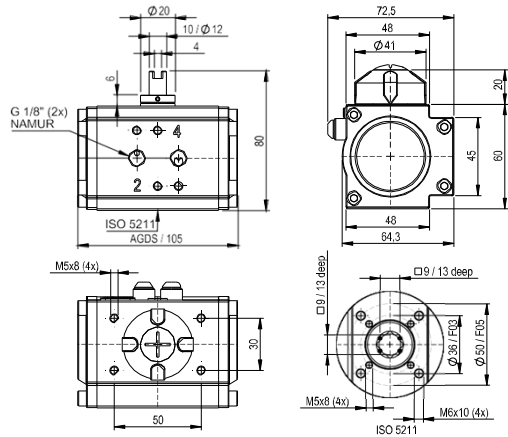
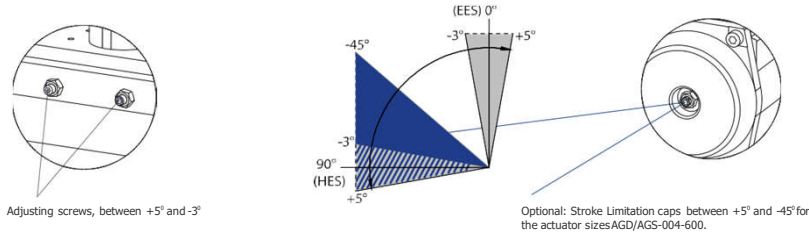


AGDS-002



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End position adjustment



The pivoting angle can be adjusted in both end positions in pressure free conditions between +5° and -3°.

Torque-table double-acting actuator (Nm)

AGDS - 002	Control Pressure Pst (bar)										
	2	2.5	3	3.5	4	4.5	5	5.5	6	7	8
	5.1	6.4	7.6	8.9	10.2	11.4	12.7	14.0	15.2	17.8	20.3



Control pressure

Control pressure: 2 - 8bar
Control medium/
quality: Filtered air minimum acc.
to DIN/ISO 8573-1 Class 4

Weight, air consumption

Actuator type	AGDS
Weight (kg)	0.7
Volume (l) Double-stroke	0.10

Switch time (sec*)

AGDS
0.2

Ambient temperature

Standard	- 35°C to +80°C
High-temp (HT)	- 15°C to +140°C
Low-temp (TT)	- 50°C to +70°C

*Quoted switch times are guidelines for a double-stroke at 5 bar control pressure and at 50% rated loading. With high valve actuating speeds, potentially dangerous large braking forces can arise in the actuator end positions. Tip: Throttle the exhaust air or select a larger actuator. Single Action actuators with 12 springs.

Optional extras

- Other housing coatings
- Pinion: Stainless Steel AISI 304 or 316
- 180° actuator: rotation 180° to 120° adjustable
- 3 - position actuator: 0° - 90° - 180° / 0° - 45° - 90°

Materials

- Housing: Al-alloy, anodised, outside PP-coated
- Caps: Al-alloy, PP-coated
- Piston: Al-alloy
- Pinion: Al-alloy, hard-anodised
- Namur shaft: SS316
- Seals: NBR (Perbunan)
- Bearing: Plastic, POM
- Screws: Stainless steel 1.4301

Ordering code

AGDS - 002 / 090 - V09 - H
(see assembly variants)

AGDS = Double acting with short end caps