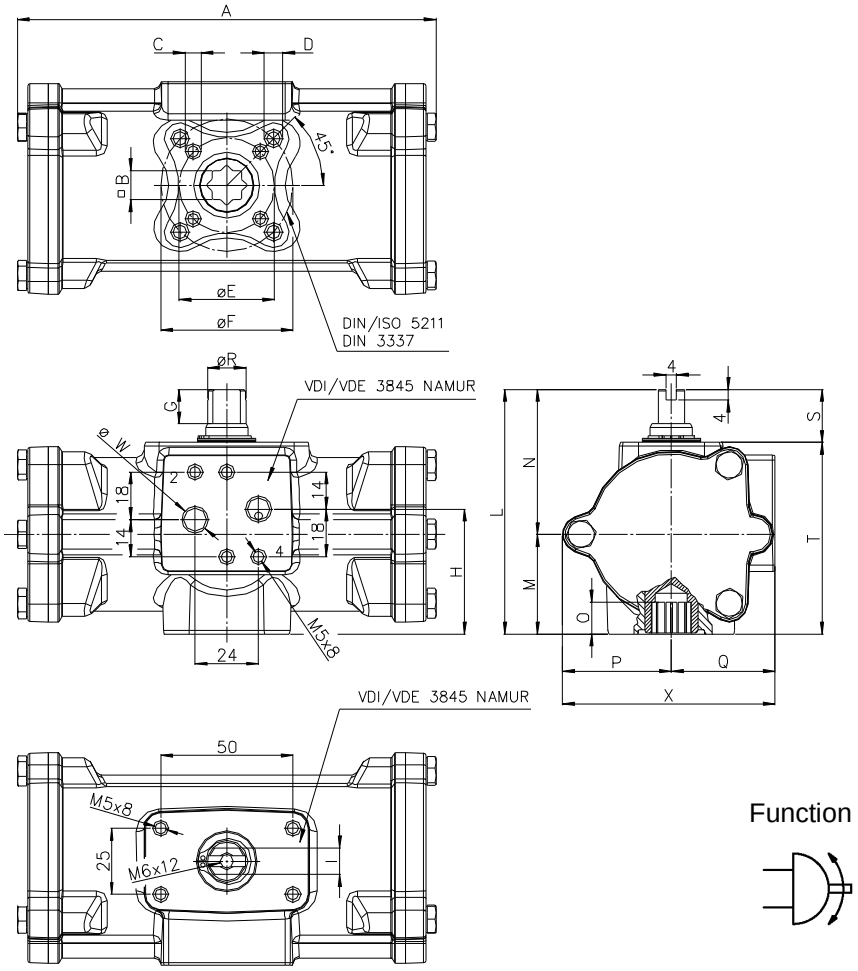
ACTUATECH
ACTUATOR TECHNOLOGY

Actuator datasheet

GD60F03F05 INOX

Modification reserved. Rev.date 11.2025.
No guarantee for accuracy.
Older data sheets are invalid

COMPANY WITH MANAGEMENT SYSTEM CERTIFIED BY DNV GL
= ISO 9001 =
= ISO 14001 =



Function

Ref.	Dimensions (mm)
Flange	F03 - F05
C x depth	M5x8
D x depth	M6x10
E	36
F	50
B	11
O	12.1
A	158.4
G	13
H (bore)	47.2
I	10
L	92.4
M	37.6
N	54.8
P	41.1
Q	39.2
R	14.5
S	20
T	72.4
X	80.3
W	1/8" GAS
Ancillaries Attachment	AA0

Double Acting Actuators - Output Torque related to rotation angle , in Nm
(0°valve closed 90°valve open)

ROTATION ANGLE	Air pressure supply in bar							
	2,5	3	4	5	5,6	6	7	8
0°	26.8	32.1	42.9	53.6	60.0	64.3	75.0	85.7
50°	13.4	16.1	21.4	26.8	30.0	32.1	37.5	42.9
90°	20.1	24.1	32.1	40.2	45.0	48.2	56.3	64.3

Technical Data

Max Pressure	** Min Pressure	Rotation	Stroke Adjustment	Screw Stroke Adjustment	*Moving time (sec.)		Operating temperature (°C)
					Opening	Closing	
8.4 bar	1 bar	92° -1° +91°	-	-	0.10	0.10	Standard –20°C +80°C

Weight Kg	Chamber Ø (mm)	Air volume L/cycle	Maximum flange torque values
1.8	50	0.3	F03 = 32 Nm F05 = 125 Nm

*The moving time could vary on different operating and installation factors .

Operating Medium
The operating medium shall have a dew point equal to – 20 °C or, to be at least, 10 °C below the ambient temperature (ISO 8573-1, Class 3).
The maximum particle size shall not exceed 40 µm (ISO 8573-1, Class 5).

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