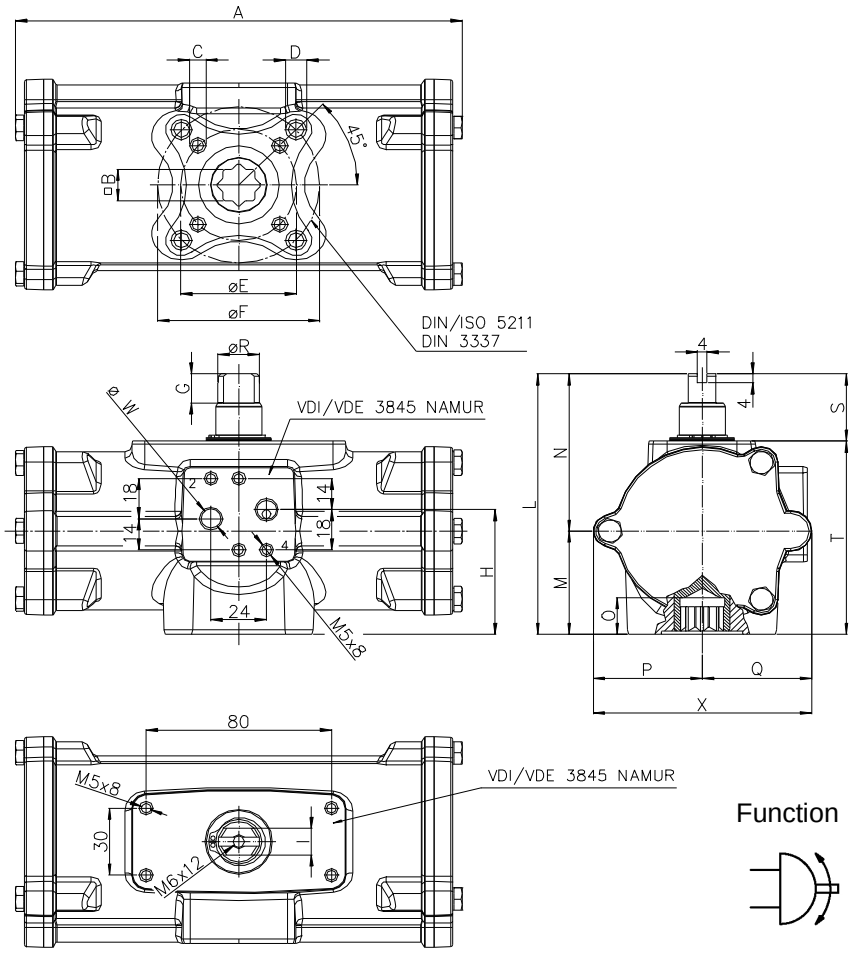
ACTUATECH
ACTUATOR TECHNOLOGY

Actuator datasheet

GD240F05F7 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	F05 - F07
C x depth	M6x10
D x depth	M8x14
E	50
F	70
B	17
O	19.3
A	246.7
G	17
H (bore)	66.1
I	15
L	136.4
M	56.1
N	80.3
P	60.2
Q	56.8
R	22.5
S	30
T	106.4
X	117
W	1/8" GAS
Ancillaries Attachment	AA2

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°	107.1	128.6	171.4	214.3	240.0	257.1	300.0	342.9
50°	53.6	64.3	85.7	107.1	120.0	128.6	150.0	171.4
90°	80.4	96.4	128.6	160.7	180.0	192.9	225.0	257.1

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°	-	-	0.28	0.25	Standard –20°C +80°C

Weight Kg	Chamber Ø (mm)	Air volume L/cycle	Maximum flange torque values
5.6	80	1.26	F05 = 125 Nm F07 = 250 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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