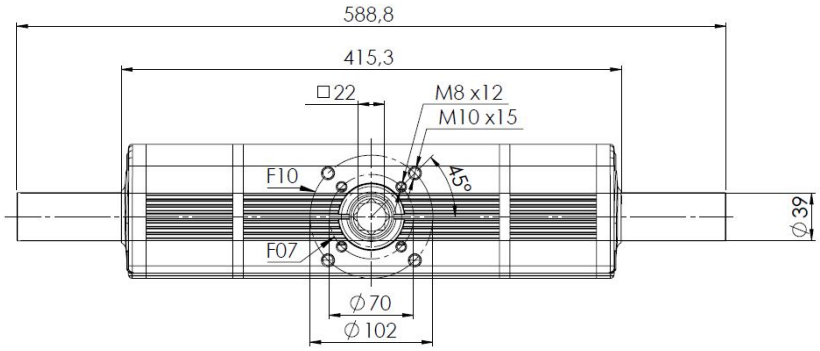
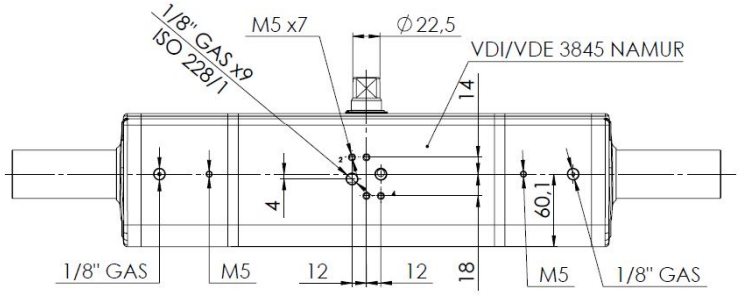
ACTUATECH
ACTUATOR TECHNOLOGY

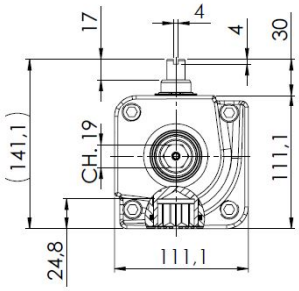
Actuator datasheet
GDD240F07F10

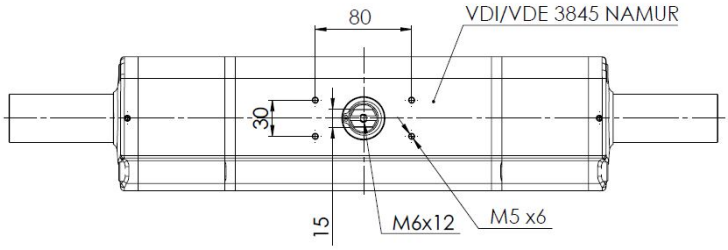
Modification reserved. Rev.date 05.2023.
No guarantee for accuracy.
Older data sheets are invalid

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

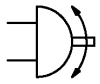








Function



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	257.1	300	342.9
50°	53.6	64.3	85.7	107.1	120	128.6	150	171.4
90°	80.4	96.4	128.6	160.7	180	192.9	225	257.1

Technical Data						
Max Pressure	** Min Pressure	Rotation	Stroke Adjustment	*Moving time (sec.)		Operating temperature (°C)
				Opening	Closing	
8.4 bar	1 bar	92° -1° +91°	MAX 45 °	0.28	0.25	Standard –20°C +80°C

Weight Kg	Chamber Ø (mm)	Air volume Partial stroke L/cycle	Air volume Full stroke L/cycle	Maximum flange torque values
8	80	1.36	1.30	F07 = 250 Nm F10 = 500 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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