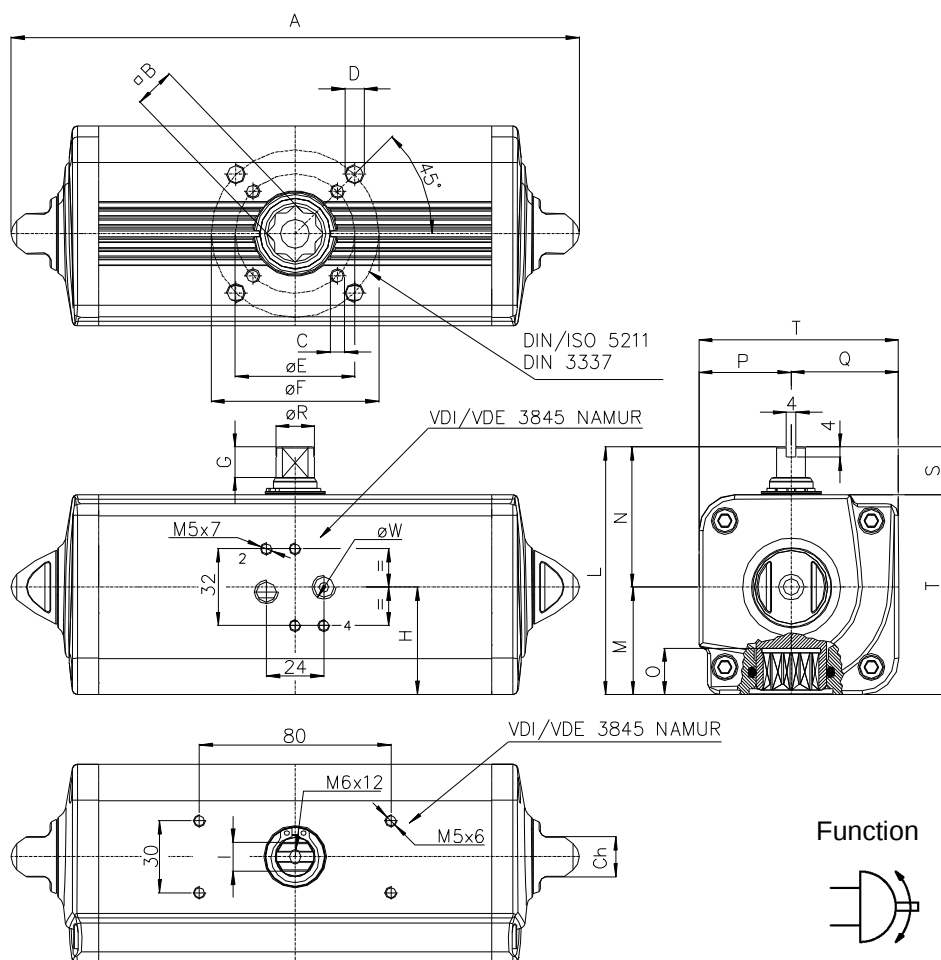




| Ref.                   | Dimensions (mm) |
|------------------------|-----------------|
| Flange                 | F03 - F05       |
| C x depth              | M5x8            |
| D x depth              | M6x9            |
| E                      | 36              |
| F                      | 50              |
| B                      | 11              |
| O                      | 13.2            |
| A                      | 174             |
| G                      | 10              |
| H (bore)               | 32.3            |
| I                      | 9               |
| L                      | 79.2            |
| M                      | 31.5            |
| N                      | 47.7            |
| P                      | 27.7            |
| Q                      | 31.5            |
| R                      | 10.9            |
| S                      | 20              |
| T                      | 59.2            |
| W                      | 1/8" GAS        |
| Ch                     | 13              |
| Ancillaries Attachment | AA1             |

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

| ROTATION<br>ANGLE | Air pressure supply in bar |      |      |      |      |      |      |      |
|-------------------|----------------------------|------|------|------|------|------|------|------|
|                   | 2,5                        | 3    | 4    | 5    | 5,6  | 6    | 7    | 8    |
| 0°                | 13.4                       | 16.1 | 21.4 | 26.8 | 30   | 32.1 | 37.5 | 42.9 |
| 50°               | 6.7                        | 8    | 10.7 | 13.4 | 15   | 16.1 | 18.8 | 21.4 |
| 90°               | 10                         | 12.1 | 16.1 | 20.1 | 22.5 | 24.1 | 28.1 | 32.1 |

## 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°<br>-1° +91° | 10 °              | For 1° drive<br>Need 1/3 turn<br>screw | 0.06                | 0.07    | Standard -20°C +80°C<br>High temperature -20°C +150°C<br>Low temperature -50°C +60°C |

| Weight Kg | Chamber Ø (mm) | Air volume L/cycle | Maximum flange torque values |
|-----------|----------------|--------------------|------------------------------|
| 1.75      | 40             | 0.17               | F03 = 32 Nm<br>F05 = 125 Nm  |

**\*\*Attention:**  
for "High Temperature"  
and "Low Temperature" version,  
the Min Pressure is 3 bar.

\*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).