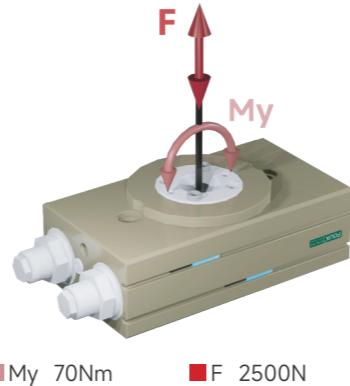


## Rotary unit series FOUK-TF

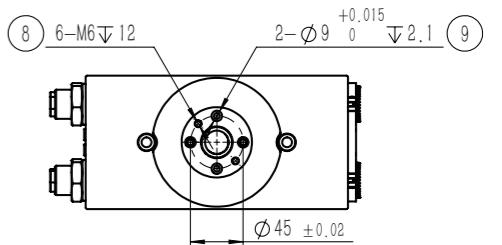
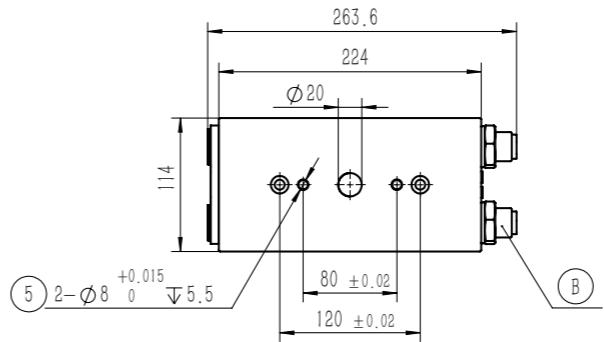
### TP40



#### Static load-bearing torque

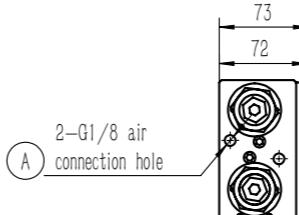
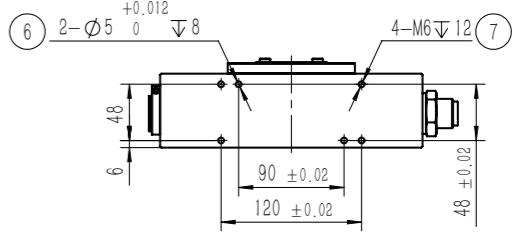
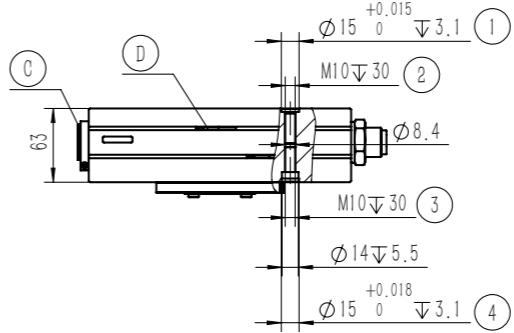


■ My 70Nm ■ F 2500N



<b>TP 40 - 90°</b> Serial No.    Cylinder bore    Rotation angle TP Rotating unit    40    90°		
Magnetic proximity sensor D-M9NAL    Magnetic, NPN, 3-core 3m D-M9PAL    Magnetic, PNP, 3-core 3m		
<small>*Two sensors are required for each rotation unit. For the detailed monitoring of two positions, see the sensor appendix.</small>		

Product attributes	Parameter Value	Unit	
Product Code	TP40		
Cylinder bore	40	mm	
Theoretical torque	4.02 × P	N·m	
Rotation angle	90/180	°	
Adjustment range of rotation angle	± 30	°	
Product weight	5.85	kg	
Allowable rotation time	1-3	s	
Rotation time	0.9~3	sec	
Maximum allowable kinetic energy	12	J	
Sensor type	Magnetic proximity sensor		
P: Compressed air pressure [bar]			
Specification of buffer unit	M25 Hydraulic buffer	Specification of air connection port	G1/8
Repeated gripping accuracy/mm	± 0.05	Temperature range of application/°C	-5~60
Operating air pressure range/bar	3~8	IP rating	65



① ⑨ The pin bushing is of the standard version

② ③ ⑦ ⑧ are gripper mounting holes

① ④ ⑤ ⑥ ⑨ are gripper positioning holes

Ⓐ Compressed air connection port

Ⓑ Hydraulic buffer

Ⓒ Adjustment knob for rotation limit

Ⓓ Location of magnetic proximity sensor

Note:

1. To be used with the speed control valve

2. The figure shows the middle position of rotation, and the gripper needs to be selected additionally.

3. The output torque at the end position of rotation is half of the rated torque and is changed to the external limit to output the rated torque at the end position.