

Shaft or slide rail bearing type gripper series FOUK-TJ

TJM-115-530

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TJM 115 - 530

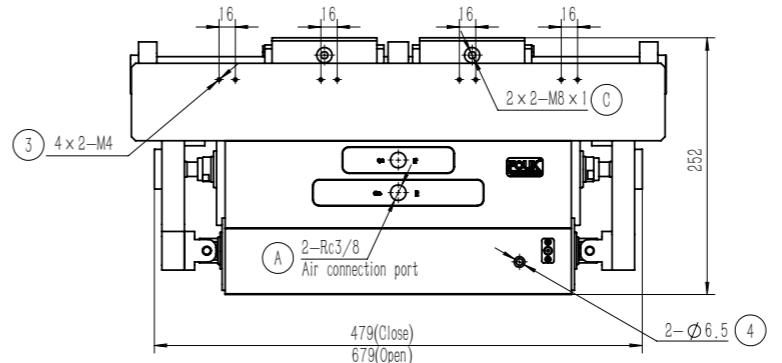
Serial No.
TJ

Cylinder bore

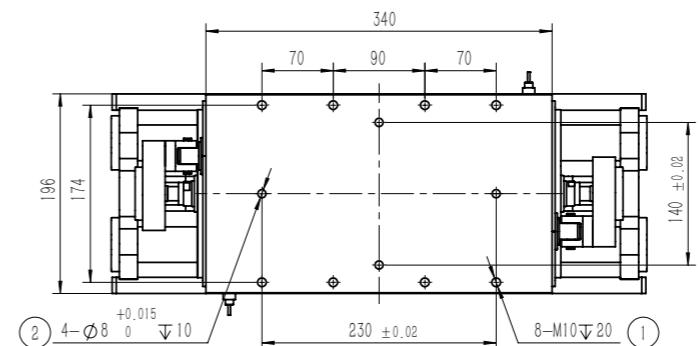
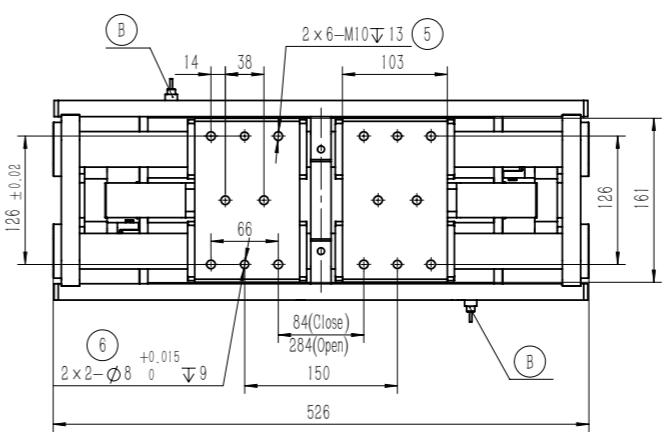
Maximum shell length

Shaft or slide rail bearing

*For the model and quantity of optional sensors, please contact our sales department



Product attributes	Parameter Value	Unit
Product model	TJM-115-530	
Product weight	69	kg
Single stroke	100	mm
Operating air pressure	0.5~0.7	MPa
Operating temperature	-5~60	°C
Repeatability accuracy	± 0.15	mm
Maximum usage frequency	8	cpm
Maximum gripping force on both sides	11000	N
Specification of air connection port	Rc3/8	
Lubrication mode	Special grease	
Air consumption per single working cycle	23	L
Self-locking form (optional)	Normally closed	
Maximum allowable gripping distance	320	mm
Maximum static load Fz that can be withstood vertically	4500	N
Bearing bending moment Mx during operation	700	N.m
Bearing bending moment My during operation	1300	N.m
Bearing bending moment Mz during operation	500	N.m
Particle size of air dust during operation	<15	μm
Operating air humidity	<50	%
Overall dimensions (length, width and height) of product	526*196*252	mm



- ① Bottom mounting hole
- ② Positioning for bottom mounting
- ③ Mounting hole reserved for proximity sensor
- ④ Self-locking air pipe access
- ⑤ Mounting hole of gripping finger
- ⑥ Installation and positioning of gripping finger
- (A) Compressed air connection port
- (B) Position of self-locking proximity sensor
- (C) Grease injection hole

Note:

When there is no air, the gripper maintains the self-locking state to prohibit the opening and closing actions.

When it is ventilated, the gripper releases the self-locking state to open and close.

This is a mechanical self-locking scheme, which is optional.

(When the self-locking sensor light is on, the self-locking is released)