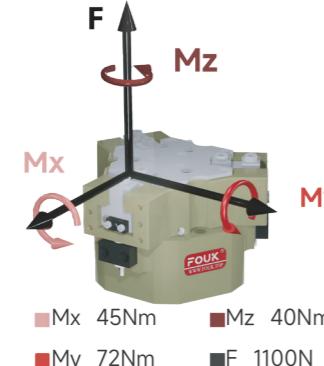


Three-finger gripper long stroke series FOUK-TZL

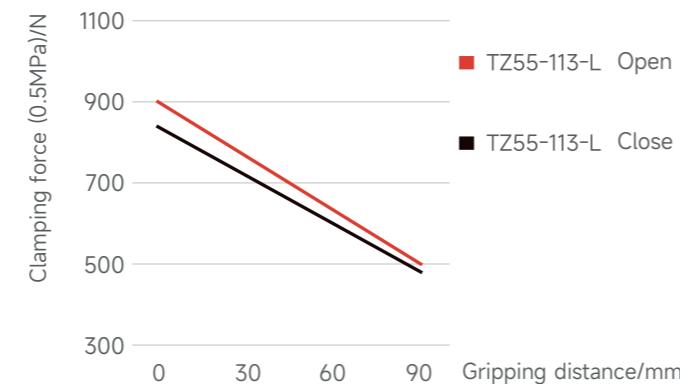
TZ55-113-L

TZ55-113-L

Static load-bearing torque



Gripping force curve



TZ 55 - 113 - L - B - C28 - P - H

TZ: T-shaped three-finger gripper
 Serial No.: 55
 Cylinder bore: 113
 Maximum shell diameter: L
 Stroke extension: B
 Ventilation at bottom: C28
 Length of push rod: 28mm
 Dust cover IP64: P
 High temperature resistance: H

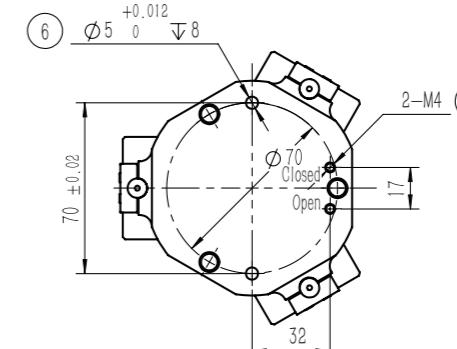
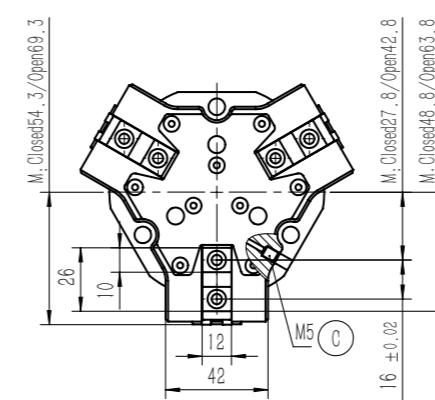
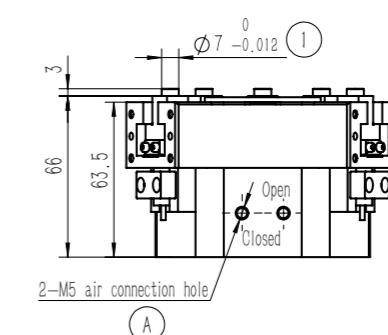
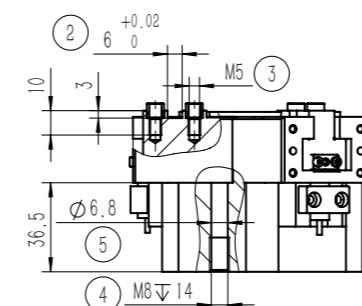
Inductive proximity sensor

IPSD-2NS-0823-L3 Inductive, NPN, 3-core3m
 PSD-2PS-0823-L3 Inductive, PNP, 3-core3m

*Two sensors are required for each gripper. For the detailed monitoring of two positions, see the sensor appendix.

Product attributes	TZ55-113-L	Unit
Single stroke	15	mm
Product weight	1.3	kg
Maximum allowable gripping distance	90	mm
Theoretical maximum gripping force: opening/closing	180P/168P	N
Workpiece weight	4.5	kg
Opening/closing time	0.1/0.1	s
Gas consumption of single opening and closing cycle	0.6	L
Repeated gripping accuracy/mm	± 0.02	
Specification of air connection port	M5	
Operating air pressure range/bar	3~7	
IP rating	40	

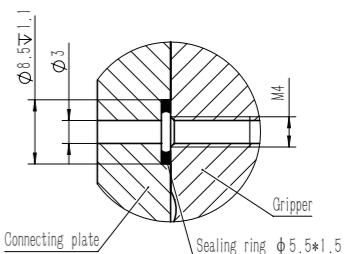
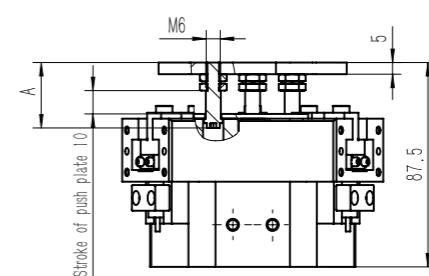
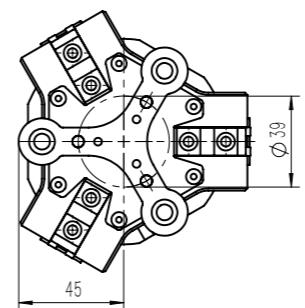
P: Compressed air pressure [bar]
 Gas consumption: volume of gas consumed at normal pressure (0.5MPa)



- ① Gripping finger location pin bushing (standard)
- ② Gripping finger positioning groove
- ③ Mounting hole of gripping finger
- ④ ⑤ ⑥ Gripper mounting hole
- ⑥ Gripper positioning hole
- (A) Compressed air connection port
- (B) Location of inductive proximity sensor
- (C) Positive-pressure air blowing hole/grease injection hole
- (D) Bottom ventilation hole (version-B)

TZ55-113-L-C28 Pushing

The length A of the push rod can be of the standard version or the extended version, with loading function, and the minimum thrust of the push plate is 18N. If it is dust-proof and provided with the push plate, the stroke is 5.5.



TZ55-113-L-P Dust-proof

Dust-proof module, IP64 for the positive-pressure air blowing hole after it, is connected to the compressed air of 0.05-0.10MPa, otherwise, IP50

