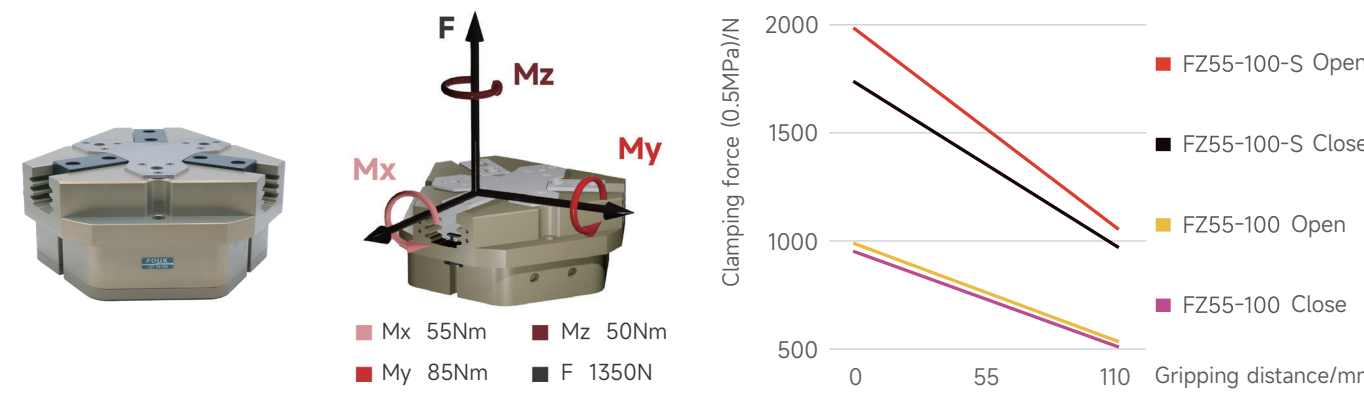


Toothed three-finger gripper series FOUK-FZ

FZ55-100

Static load-bearing torque

Gripping force curve



FZ 55 - 100 - S - B - C30 - P - NO - H

Serial No. Cylinder bore Maximum shell diameter Short stroke Ventilation at bottom Length of push rod Dust cover IP64 Self-locking form High temperature resistance

Inductive proximity sensor: IPSD-2NS-0823-L3, IPSD-2PS-0823-L3

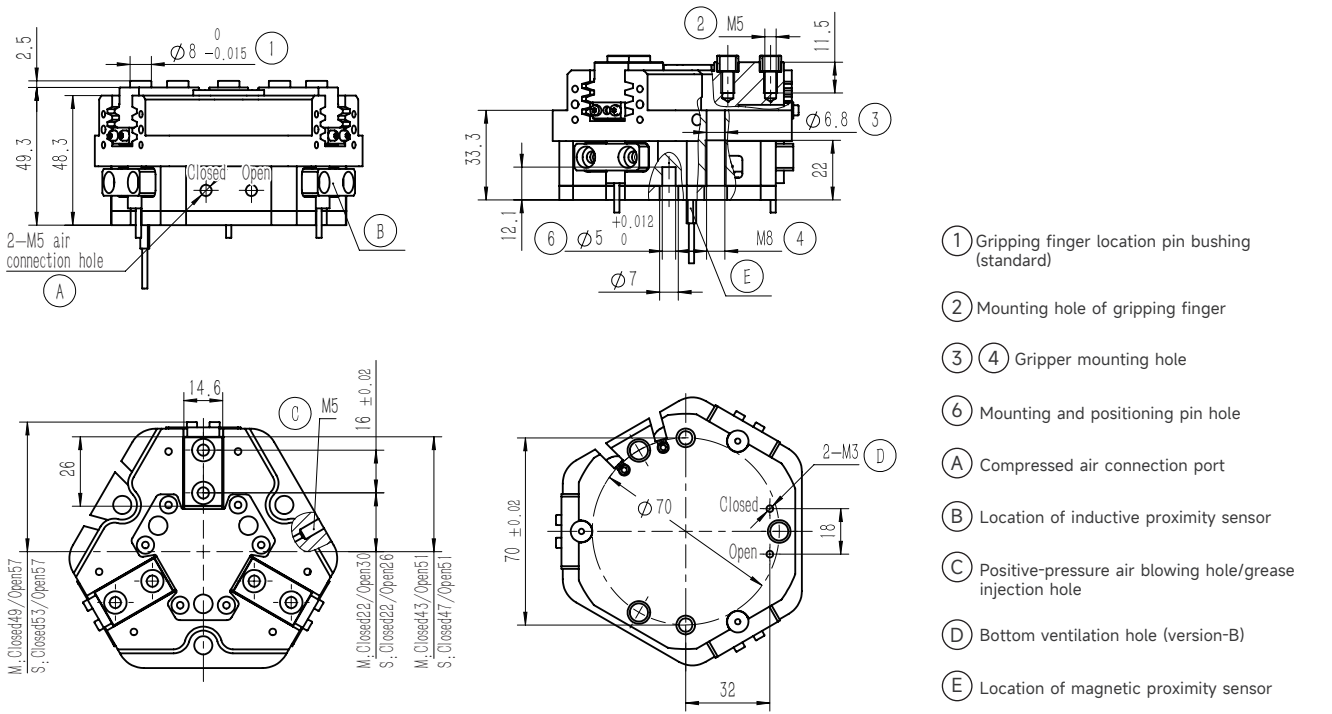
Magnetic proximity sensor: D-M9NAL, D-M9PAL

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

Product attributes	FZ55-100	FZ55-100-NO	FZ55-100-NC	FZ55-100-S	FZ55-100-S-NO	FZ55-100-S-NC	Unit
Single stroke	8	8	8	4	4	4	mm
Product weight	0.87	1	1	0.89	1.02	1.02	kg
Maximum allowable gripping distance	110	110	110	100	100	100	mm
Theoretical maximum gripping force: opening/closing	198P/172P	198P/-	-/172P	396P/344P	396P/-	-/344P	N
Gas consumption of single opening and closing cycle	0.295	0.419	0.419	0.295	0.419	0.419	L
Minimum Spring Locking Force		300	300		600	600	N
Workpiece weight	5	5	5	10	10	10	kg
Opening/closing time	0.05/0.05	0.04/0.06	0.05/0.03	0.05/0.05	0.04/0.06	0.05/0.03	s

Maximum allowable single-finger gripping weight/kg	0.6	Specification of air connection port	M5
Repeated gripping accuracy/mm	± 0.02	Temperature range of application/°C	-5~60
Operating air pressure range/bar	3~8	IP rating	40

FZ55-100-M/S

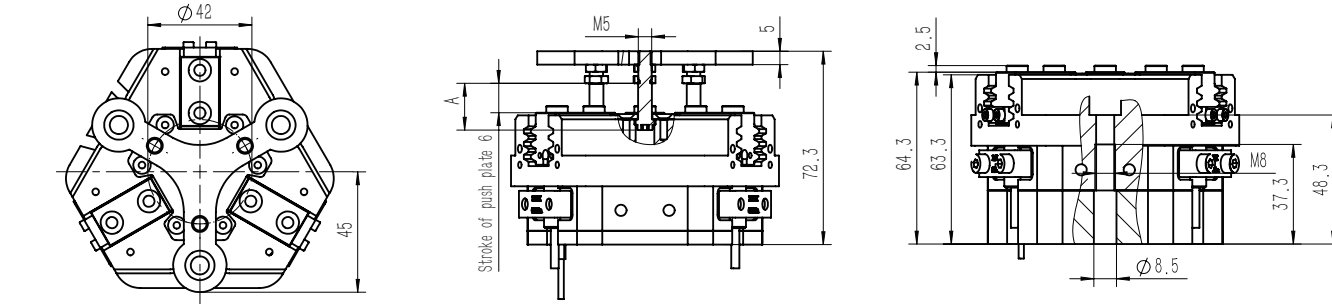


FZ55-100-C30 Pushing

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 13N. If it is dust-proof and provided with the push plate, the stroke is 3.

FZ55-100-NC/NO Self-locking

Built-in spring, mechanical self-locking



FZ55-100-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

FZ55-100-B Ventilation at bottom

