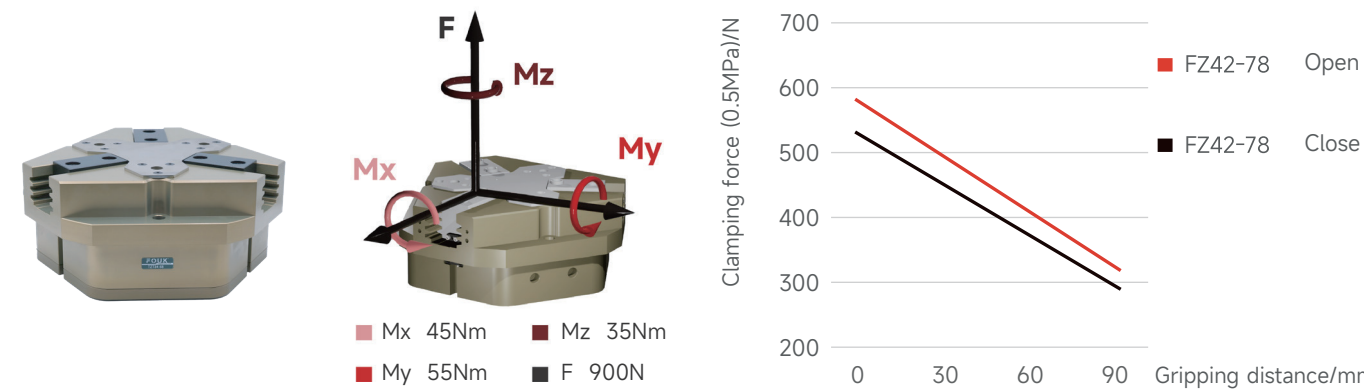


Toothed three-finger gripper series FOUK-FZ

FZ42-78

Static load-bearing torque

Gripping force curve



**FZ 42 - 78 - B - C20 - P - NO - H**

Serial No. (FZ) | Cylinder bore (42) | Maximum shell diameter (78) | Ventilation at bottom (B) | Length of push rod (C20) | Dust cover IP64 (P) | Self-locking form (NO) | High temperature resistance (H)

Inductive proximity sensor: IPSD-2NS-0823-L3 (NPN), IPSD-2PS-0823-L3 (PNP)

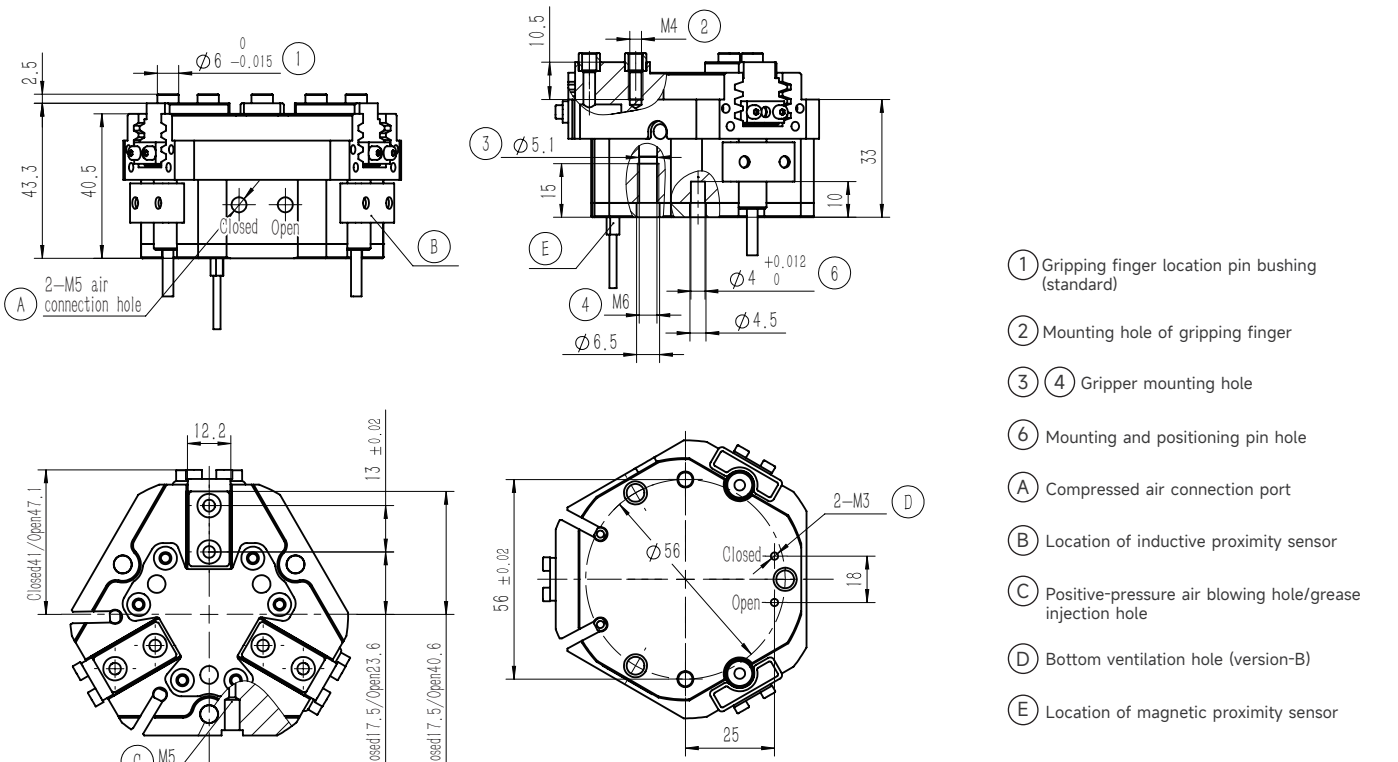
Magnetic proximity sensor: MZC2-1V7NS-FU0 (NPN), MZC2-1V7PS-FU0 (PNP)

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

Product attributes	FZ42-78	FZ42-78-NO	FZ42-78-NC	Unit
Single stroke	6	6	6	mm
Product weight	0.51	0.61	0.62	kg
Maximum allowable gripping distance	90	90	90	mm
Theoretical maximum gripping force: opening/closing	116P/106P	116P/-	-/106P	N
Gas consumption of single opening and closing cycle	0.14	0.25	0.18	L
Minimum Spring Locking Force		230	230	N
Workpiece weight	3	3	3	kg
Opening/closing time	0.03/0.03	0.02/0.04	0.04/0.02	s

Maximum allowable single-finger gripping weight/kg	0.35	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

FZ42-78

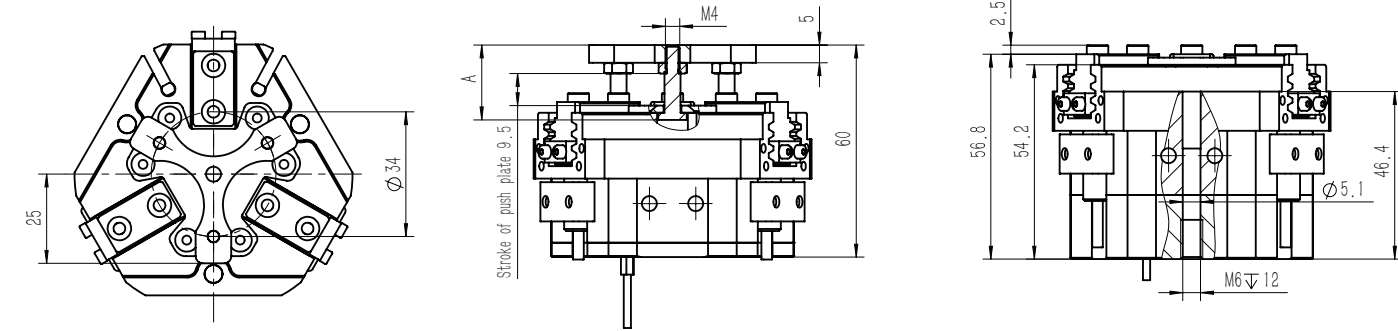


FZ42-78-C20 Pushing

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 15N. If it is dust-proof and provided with the push plate, the stroke is 5.5.

FZ42-78-NC/NO Self-locking

Built-in spring, mechanical self-locking



FZ42-78-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

FZ42-78-B Ventilation at bottom

