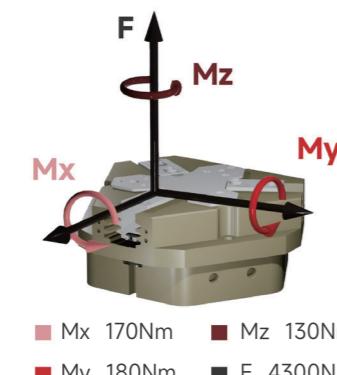


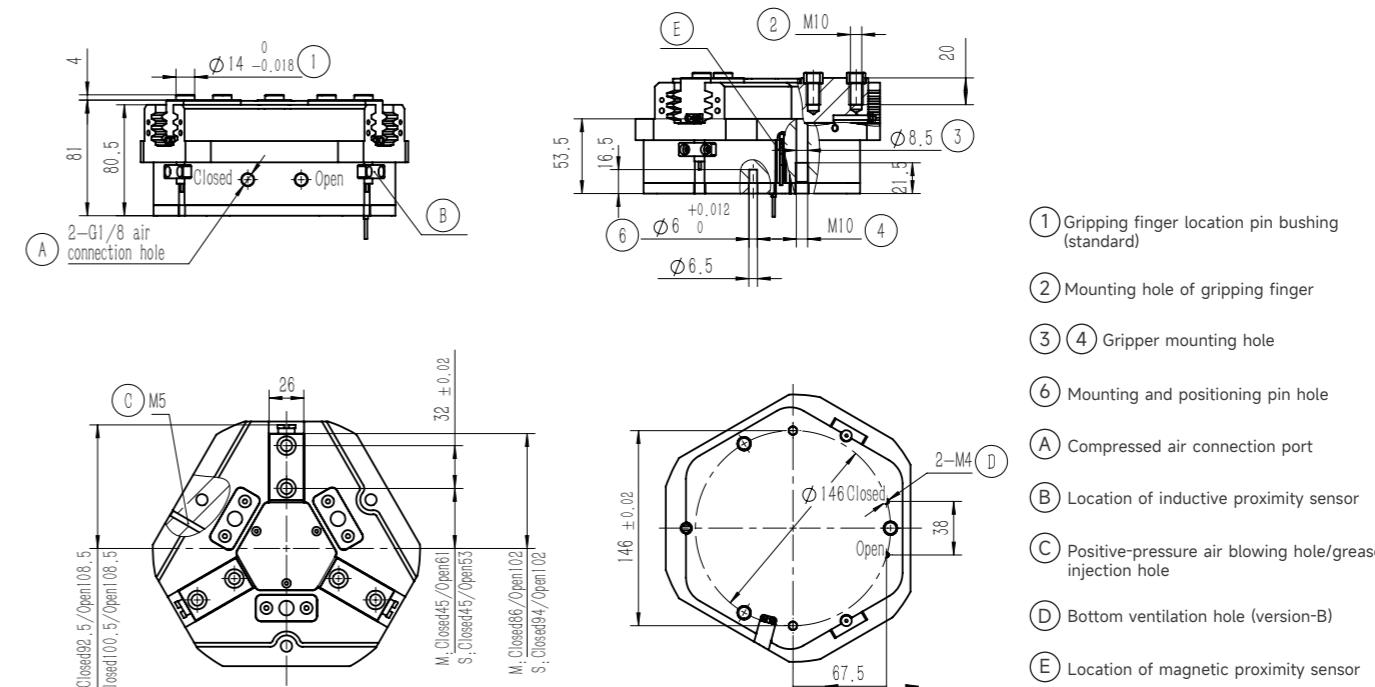
## FZ125-200-M/S

## FZ125-200

## Static load-bearing torque



## Gripping force curve



## FZ 125-200 - S - B - C35 - 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
FZ	Toothed three-finger gripper							

## Inductive proximity sensor

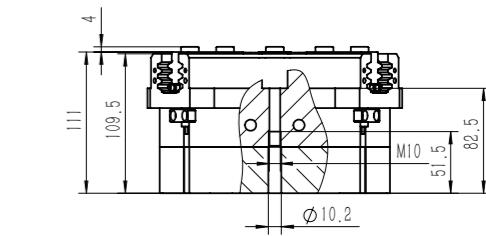
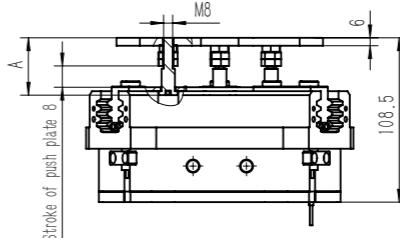
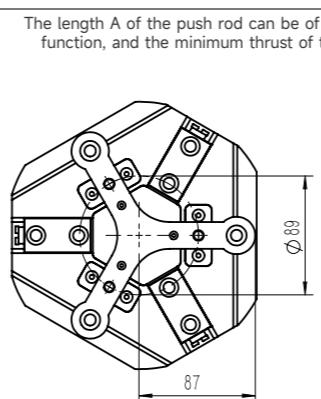
IPSD-2NS-0831-L3	Inductive, NPN, 3-core3m
IPSD-2PS-0831-L3	Inductive, PNP, 3-core3m

## Magnetic proximity sensor

D-M9NAL	Magnetic, NPN, 3-core3m
D-M9PAL	Magnetic, PNP, 3-core3m

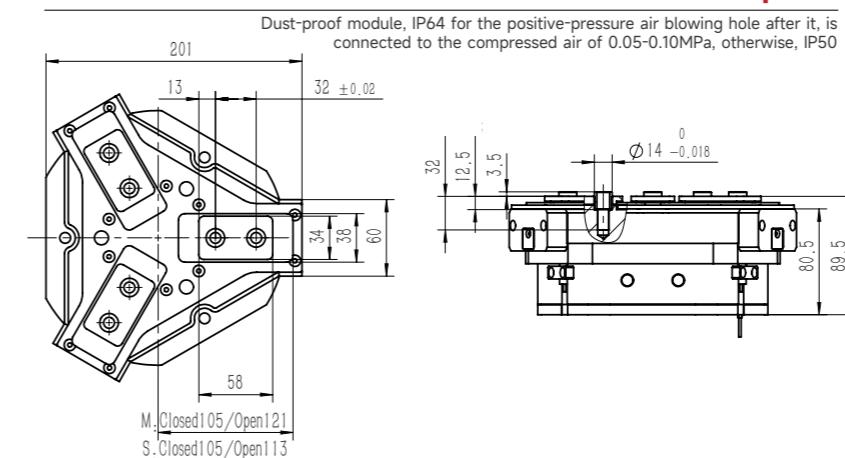
\*Two sensors are required for each gripper. For the detailed monitoring of two positions, see the sensor appendix.

Product attributes	FZ125-200	FZ125-200-NO	FZ125-200-NC	FZ125-200-S	FZ125-200-S-NO	FZ125-200-S-NC	unit
Single stroke	16	16	16	8	8	8	mm
Product weight	6	8	8	6	8	8	kg
Maximum allowable gripping distance	220	220	220	190	190	190	mm
Theoretical maximum gripping force: opening/closing	1080P/1000P	1080P/-	-/1000P	1960P/1830P	1960P/-	-/1830P	N
Gas consumption of single opening and closing cycle	3.0	5.3	5.3	3.0	5.3	5.3	L
Minimum Spring Locking Force		1650	1550		3300	3100	N
Workpiece weight	30	30	30	55	55	55	kg
Opening/closing time	0.5/0.5	0.4/0.8	0.8/0.4	0.5/0.5	0.4/0.8	0.8/0.4	s
P: Compressed air pressure [bar] Gas consumption: volume of gas consumed at normal pressure (0.5MPa)							
Maximum allowable single-finger gripping weight/kg		3.5		Specification of air connection port		G1/8	
Repeated gripping accuracy/mm		± 0.03		Temperature range of application/°C		-5~60	
Operating air pressure range/bar		3~8		IP rating		40	



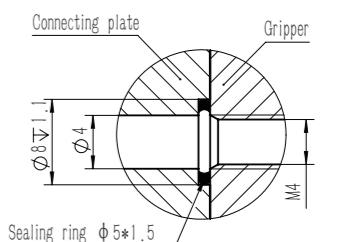
## FZ125-200-C35 Pushing

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 120N. If it is dust-proof and provided with the push plate, the stroke is 5.5.



## FZ125-200-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



## FZ125-200-B Ventilation at bottom

Built-in spring, mechanical self-locking