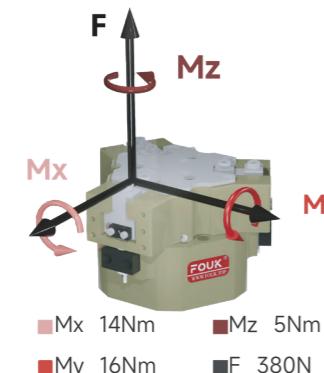


## Three-finger gripper long stroke series FOUK-TZL

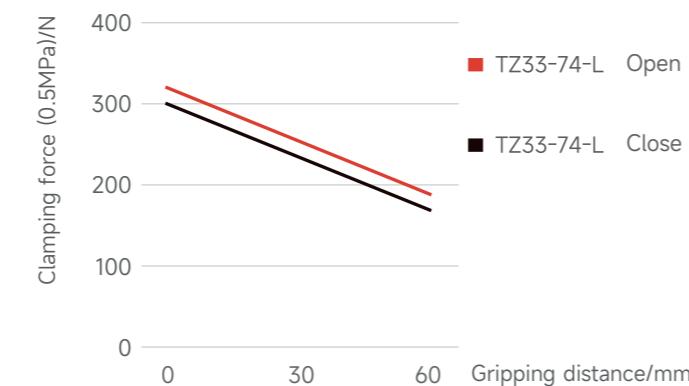
## TZ33-74-L

## TZ33-74-L

## Static load-bearing torque



## Gripping force curve



**TZ 33 - 74 - L - B - C18 - P - H**

Serial No. Cylinder bore Maximum shell diameter Stroke extension Ventilation at bottom Length of push rod Dust cover IP64 High temperature resistance

TZ T-shaped three-finger gripper						
	Cylinder bore	Maximum shell diameter	Stroke extension	Ventilation at bottom	Length of push rod	Dust cover IP64
					C18 18.5mm C26 26.5mm	H -5~240°C I 0~60°C
					I Ventilation on the side / Without dust cover	

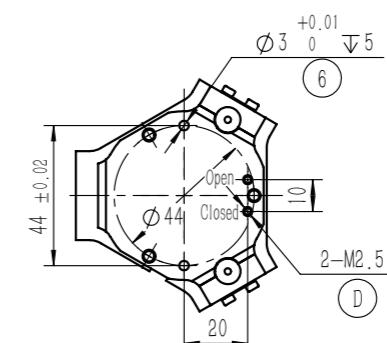
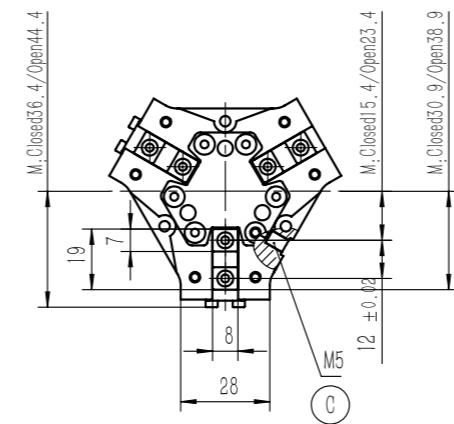
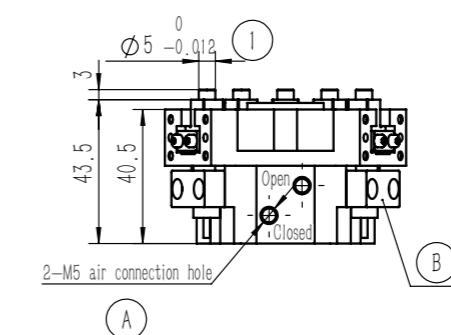
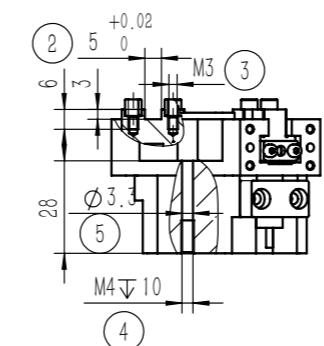
## Inductive proximity sensor

IPSD-2NS-0818-L3 Inductive, NPN, 3-core3m  
IPSD-2PS-0818-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	TZ33-74-L	Unit
Single stroke	8	mm
Product weight	0.4	kg
Maximum allowable gripping distance	60	mm
Theoretical maximum gripping force: opening/closing	64P/60P	N
Workpiece weight	1.2	kg
Opening/closing time	0.05/0.05	s
Gas consumption of single opening and closing cycle	0.1	L
Repeated gripping accuracy/mm	± 0.02	
Operating air pressure range/bar	3~7	
IP rating	40	
Specification of air connection port	M5	
Temperature range of application/°C	-5~60	
Maximum allowable single-finger gripping weight/kg	0.15	

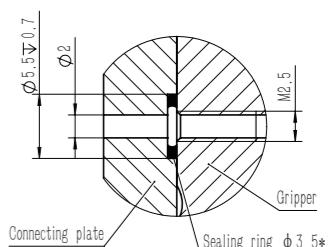
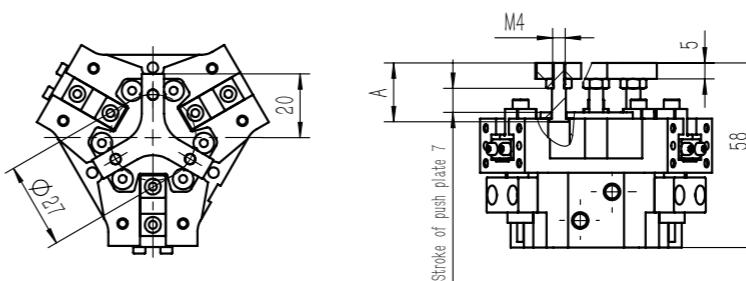
P: Compressed air pressure [bar]  
Gas consumption: volume of gas consumed at normal pressure (0.5MPa)



- 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)

## TZ33-74-L-C18 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 9N. If it is dust-proof and provided with the push plate, the stroke is 3.



## TZ33-74-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

