

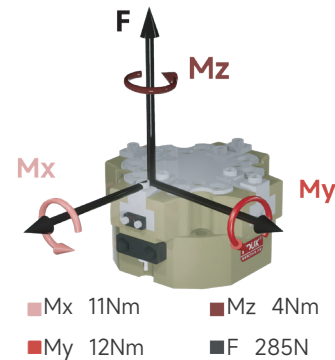
Parallel gripper long stroke series FOUK-TF

TF33-56

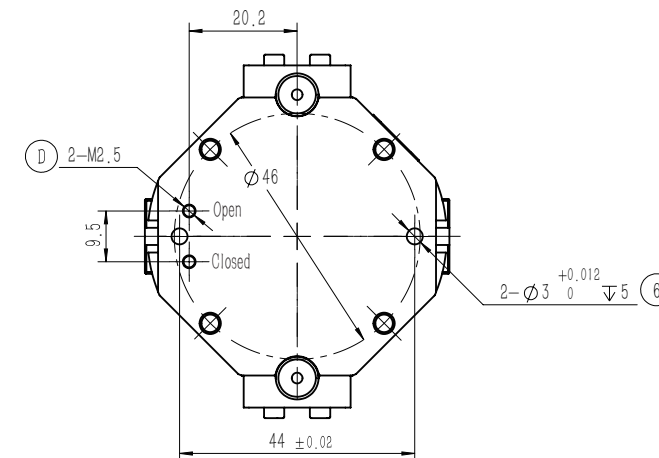
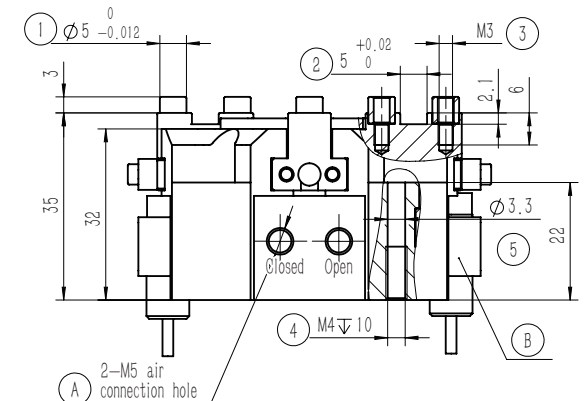
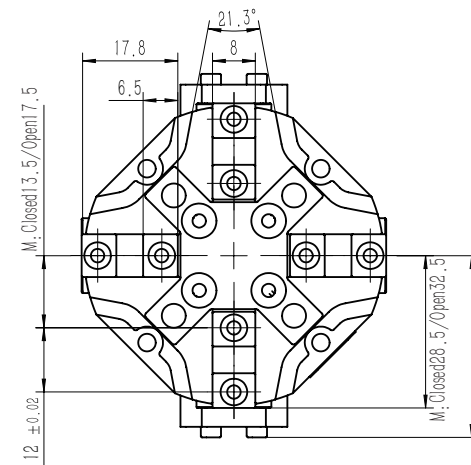
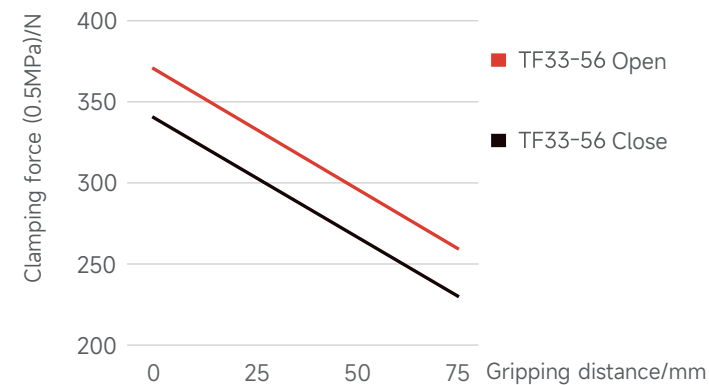
TF33-56



Static load-bearing torque



Gripping force curve



- ① Gripping finger location pin bushing (standard)
- ② Gripping finger positioning groove
- ③ Mounting hole of gripping finger
- ④ ⑤ ⑥ Gripper mounting hole
- ⑦ Gripper mounting and positioning
- ⑧ Compressed air connection port
- ⑨ Location of inductive proximity sensor
- ⑩ Positive-pressure air blowing hole/grease injection hole
- ⑪ Bottom ventilation hole (version-B)

TF 33 - 56 - B - C18 - H

Serial No.	Cylinder bore	Maximum shell diameter	Ventilation at bottom	Length of push rod	High temperature resistance										
TF	Four-finger gripper		/ Ventilation on the side	<table border="1"> <tr> <td>C18</td> <td>18.5mm</td> </tr> <tr> <td>C26</td> <td>26.5mm</td> </tr> <tr> <td>/</td> <td>Without push plate</td> </tr> </table>	C18	18.5mm	C26	26.5mm	/	Without push plate	<table border="1"> <tr> <td>H</td> <td>-5~240℃</td> </tr> <tr> <td>/</td> <td>0~60℃</td> </tr> </table>	H	-5~240℃	/	0~60℃
C18	18.5mm														
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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	TF33-56		Unit
Single stroke	4		mm
Product weight	0.3		kg
Maximum allowable gripping distance	75		mm
Theoretical maximum gripping force: opening/closing	74P/68P		N
Workpiece weight	1.5		kg
Opening/closing time	0.02/0.02		s
Gas consumption of single opening and closing cycle	0.06		L
P: Compressed air pressure [bar] Gas consumption: volume of gas consumed at normal pressure (0.5MPa)			
Repeated gripping accuracy/mm	± 0.02	Specification of air connection port	M5
Operating air pressure range/bar	3~7	Temperature range of application/°C	-5~60
IP rating	40	Maximum allowable single-finger gripping weight/kg	0.2

TF33-56-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 16N.

