

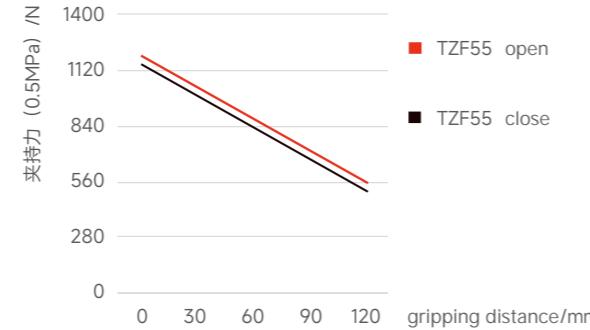
IP67 sealed serial FOUK-TZF

TZF55

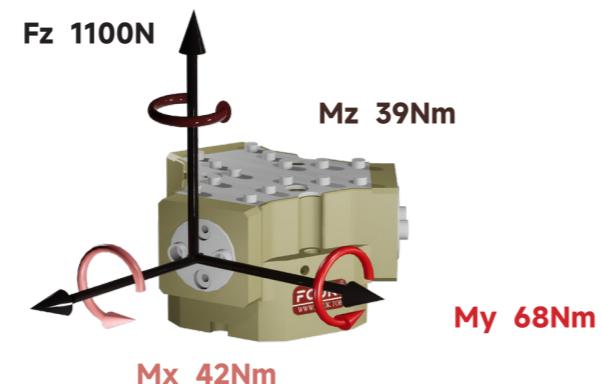
TZF55



gripping force curve

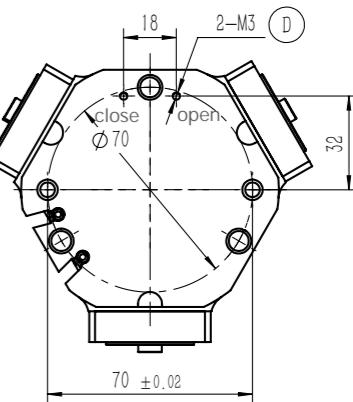
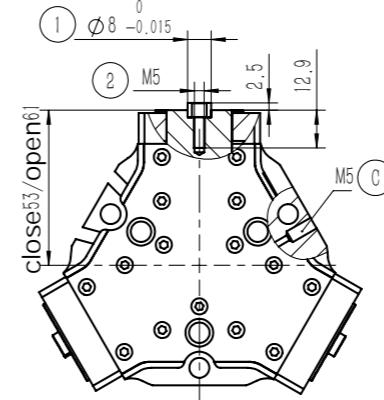
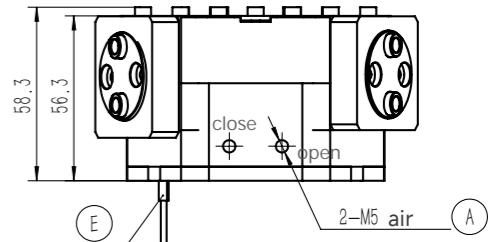
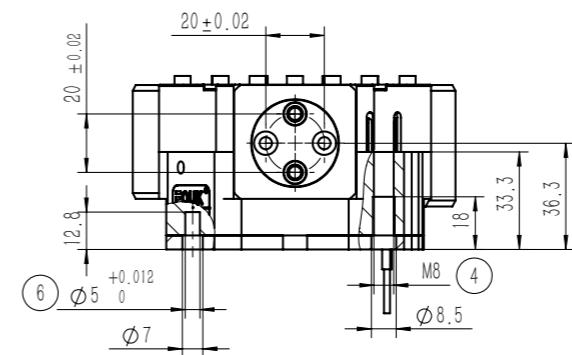


Static Bearing Torque



Specification	TZF55	Unit
stroke per jaw	8	mm
product weight	1	kg
max gripping distance	80	mm
Theoretical Max. Gripping Force: Opening/Closing	230P/200P	N
Air Consumption per Opening-Closing Cycle	0.37	L
air purge allowable pressure	0.2~0.5	bar
work piece weight	4.5	kg
opening/closing time	0.05/0.05	s
max per finger weight/kg	0.5	
repeat accuracy/mm	± 0.02	
air pressure range/bar	3~8	
air connection feature	M5	
temperature range/°C	-5~60	
IP class	67	

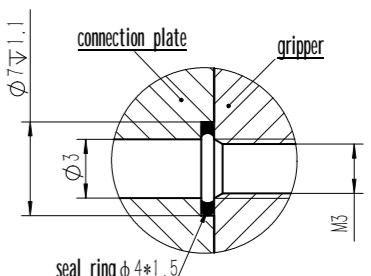
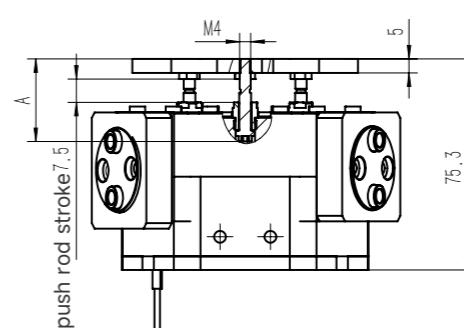
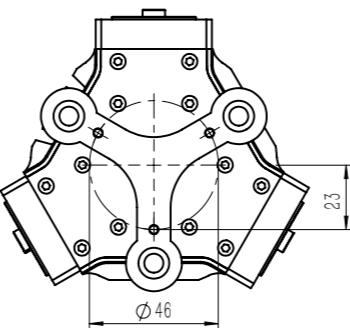
air purge working can reach IP67
otherwise IP54



TZF55-C29

TZF55 hose free airconnection

Push Rod Length A: 29.5mm, Feeding Function,
Minimum Thrust of Push Plate: 15N



① Finger Locating Pin Bushing (Standard)

② finger mounting hole

④ gripper mounting hole

⑥ mounting locating pin hole

③ air connection

⑤ air purge/grease injection

⑦ Hose free connection(B version)

⑧ Magnetic Proximity Sensor Position

Note: To achieve IP67 protection, the positive pressure air purge must be continuously supplied with compressed air at 0.02~0.05 MPa; otherwise, only IP54 protection is available.

FR

TRL

FZ

TZL

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FOUK-TZF

TJ

TP

TG

TE

QTC

HT