

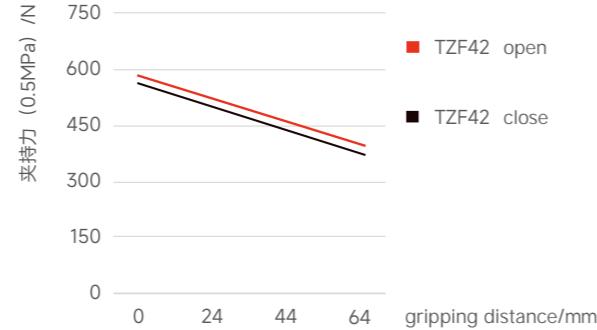
IP67 sealed serial FOUK-TZF

TZF42

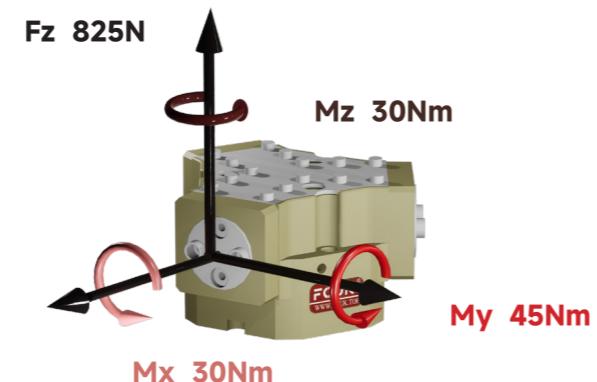
TZF42



gripping force curve

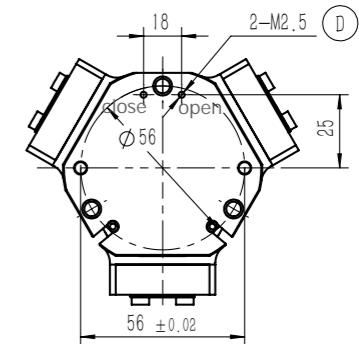
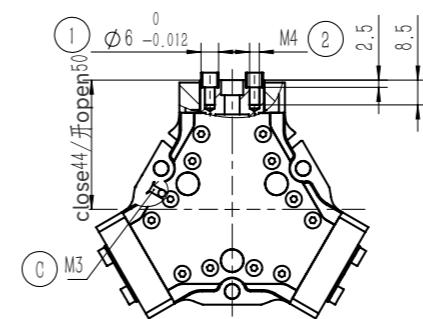
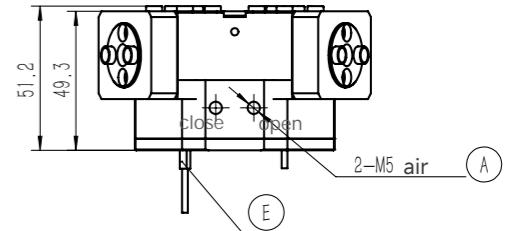
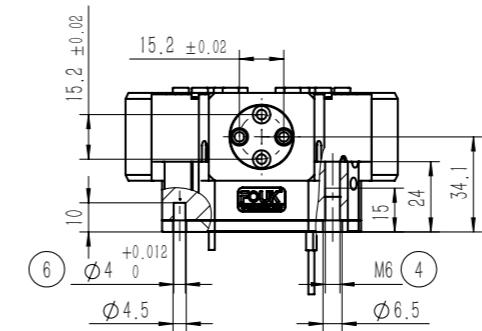


Static Bearing Torque



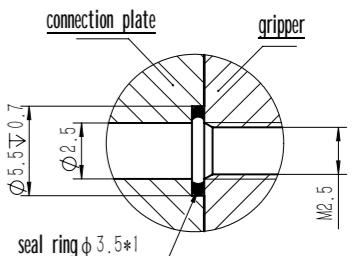
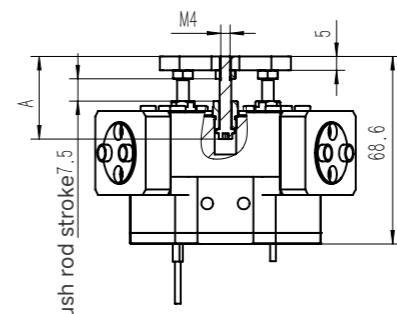
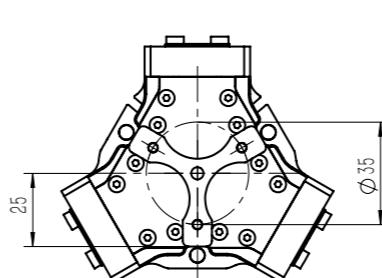
Specification	TZF42	Unit
stroke per jaw	6	mm
product weight	0.7	kg
max gripping distance	60	mm
Theoretical Max. Gripping Force: Opening/Closing	116P/106P	N
Air Consumption per Opening-Closing Cycle	0.14	L
air purge allowable pressure	0.2~0.5	bar
work piece weight	2.6	kg
opening/closing time	0.03/0.03	s
max per finger weight/kg	0.3	
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



TZF42-C29

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

- Ⓐ air connection
- Ⓒ air purge/grease injection
- Ⓓ Hose free connection(B version)
- Ⓔ 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