

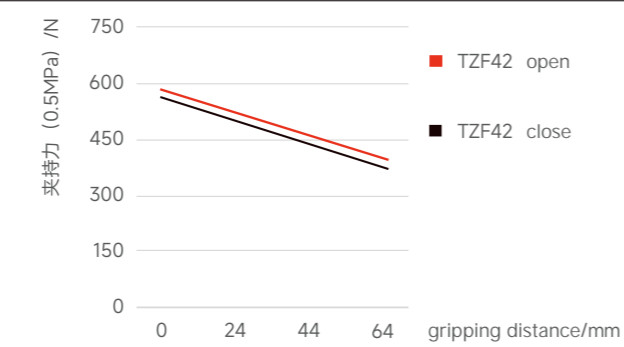
IP67sealed serial FOUK-TZF

TZF42

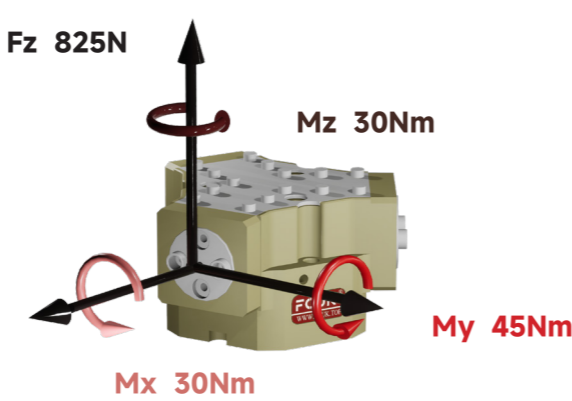
TZF42



gripping force curve



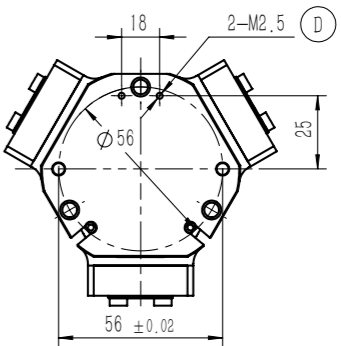
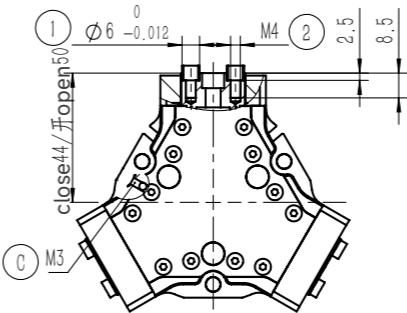
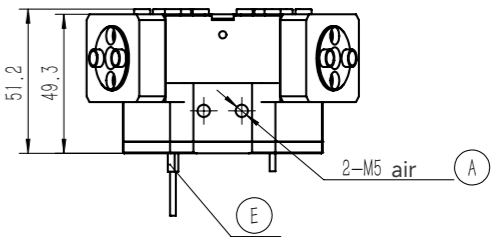
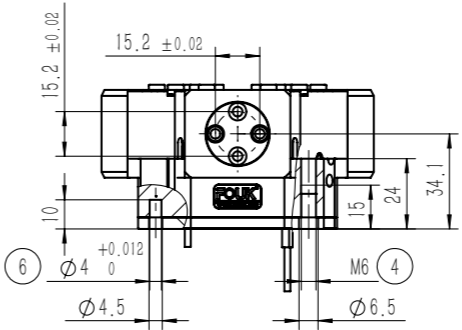
Static Bearing Torque



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 Consumptionper Opening-Closing Cycle	0.14	L
air purge allowable pressure	0.2~0.5	bar
work piece weight	2.6	kg
opening/cosing time	0.03/0.03	s

max per finger weight/kg	0.3	air connection feature	M5
repeat accuracy/mm	± 0.02	temperature range/°C	-5~60
air pressure range/bar	3~8	IP class	67

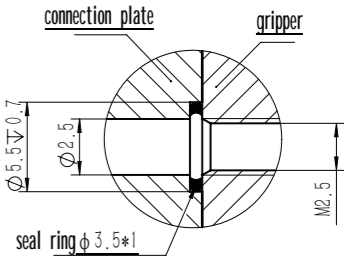
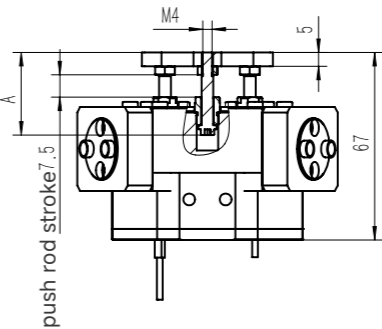
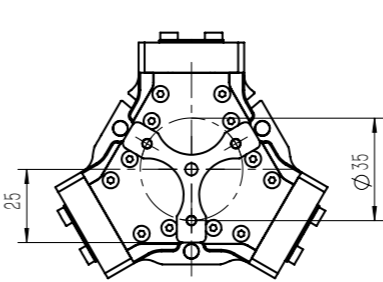
air purge working can reach IP67
otherwiseIP54



TZF42-C29

TZF42 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

- Ⓐ 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.