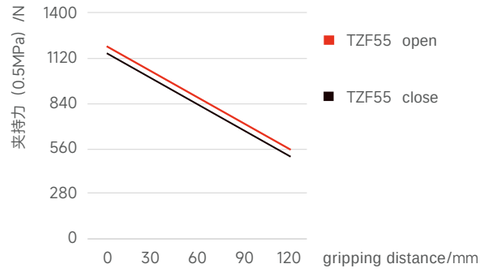
IP67 sealed serial FOUK-TZF

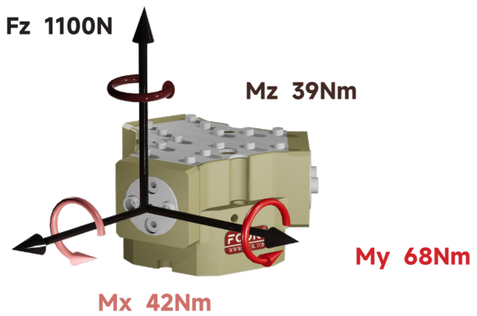
TZF55

TZF55

gripping force curve



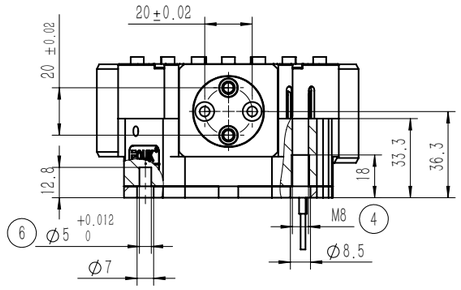
Static Bearing Torque

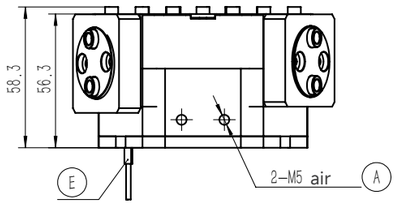


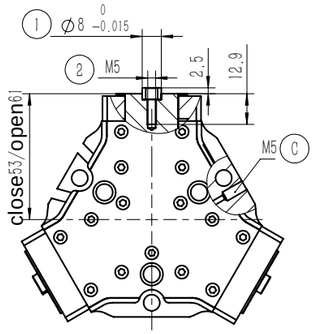
Specification	TZF55	Unit
stroke per jaw	8	mm
product weight	1	kg
max gripping distance	80	mm
Theoretical Max. Gripping Force: Opening/Closing	230P/200P	N
Air Consumptionper Opening-Closing Cycle	0.37	L
air purge allowable pressure	0.2~0.5	bar
work piece weight	4.5	kg
opening/cosing time	0.05/0.05	s

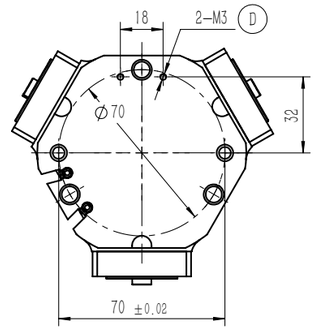
max per finger weight/kg	0.5	air connection feature	M5
repeat accuracy/mm	± 0.02	temperature range/°C	-5~60
air pressure range/bar	3~8	IP class	67

air purge working can reach IP67
otherwiseIP54



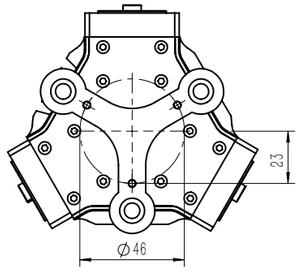


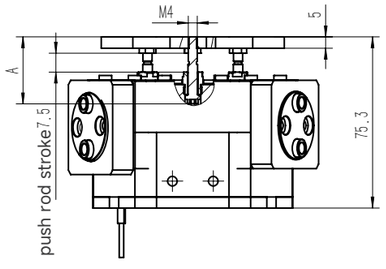




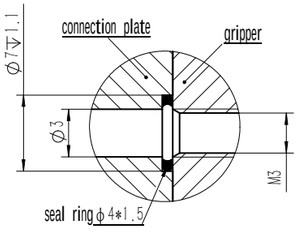
TZF55-C29

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





TZF55 hose free airconnection



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.