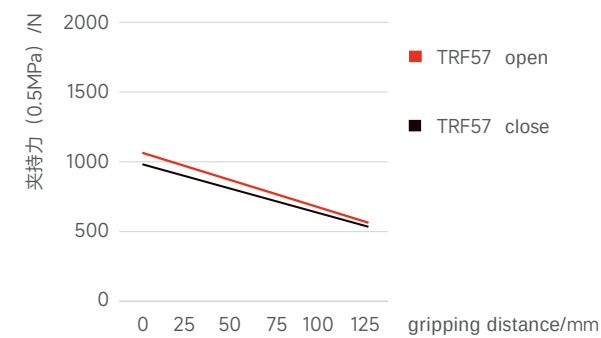
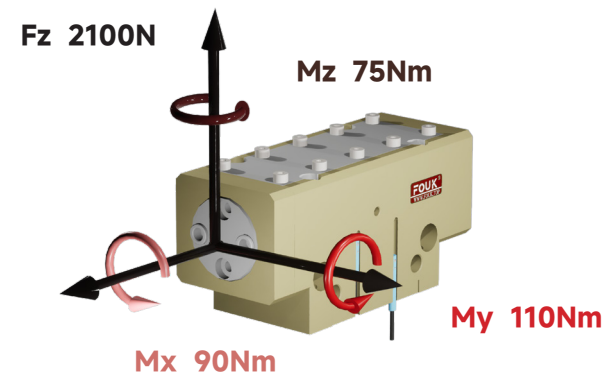


TRF57

gripping force curve

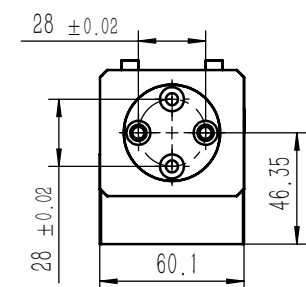
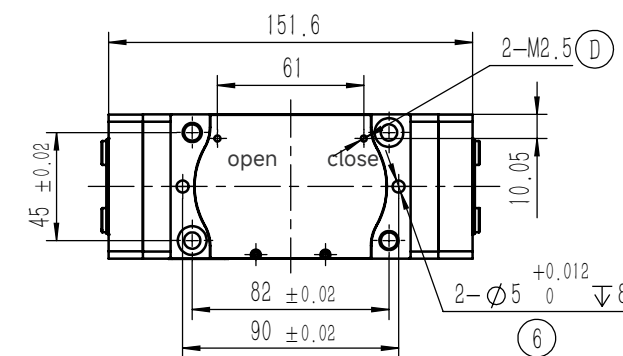
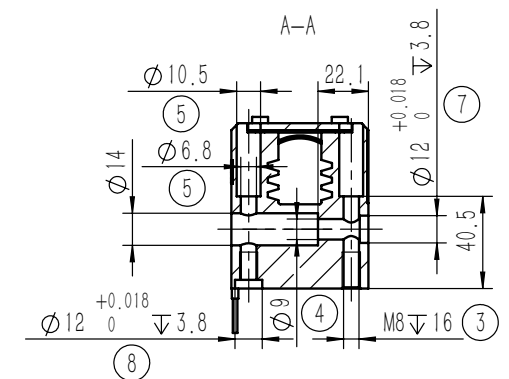
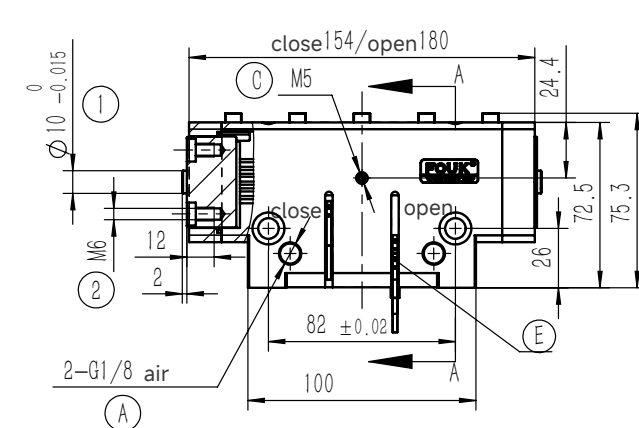


Static Bearing Torque

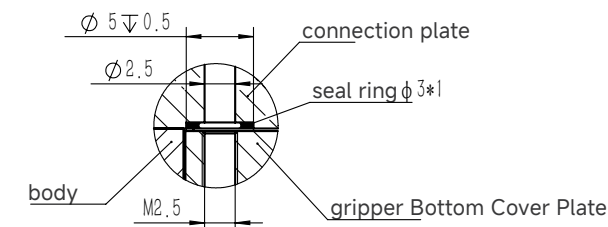


specification	TRF57		Unit
stroke per jaw	13		mm
product weight	2.1		kg
max gripping distance	80		mm
Theoretical Max. Gripping Force: Opening/Closing	214P/198P		N
Air Consumptionper Opening-Closing Cycle	0.5		L
air purge allowable pressure	0.2~0.5		bar
work piece weight	5		kg
opening/cosing time	0.09/0.09		s
max per finger weight/kg	1.7	air connection feature	G1/8
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
otherwise IP54



TRF57 hose free airconnection



- ① Gripper Finger Locating Pin Bushing (Standard)
- ② finger mounting hole
- ③ ④ ⑤ gripper mounting hole
- ⑥ ⑦ ⑧ Mounting Locating Pin Hole
- ⑨ air connection
- ⑩ air purge/grease injection
- ⑪ hose free connection (B version)
- ⑫ Magnetic Proximity Sensor Position

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