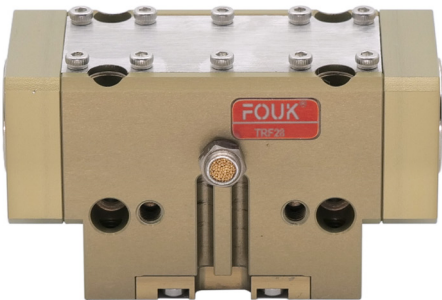
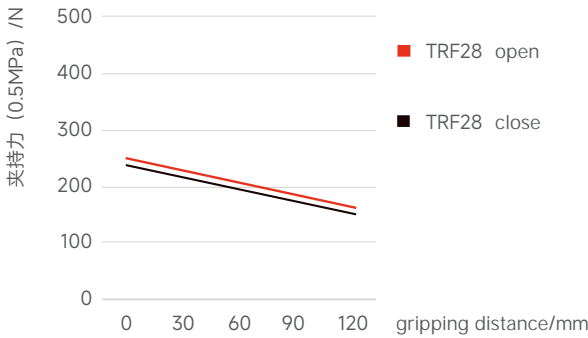


IP67 sealed serial FOUK-TRF

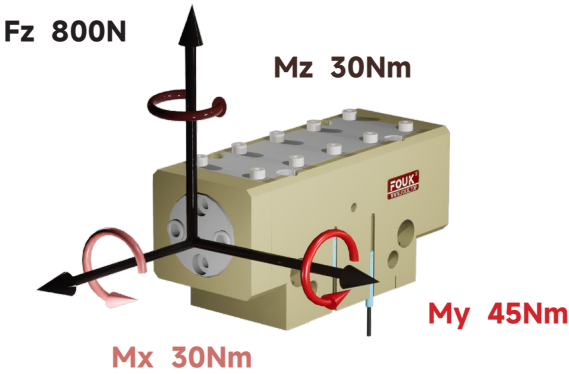
TRF28



gripping force curve



Static Bearing Torque

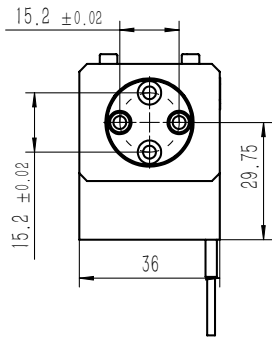
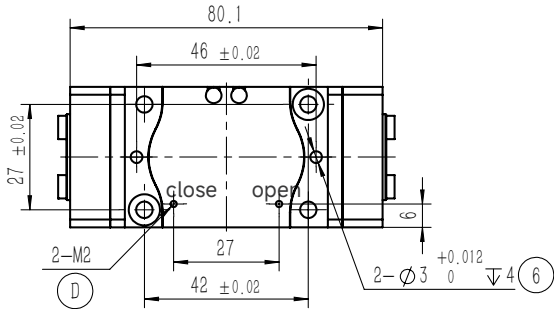
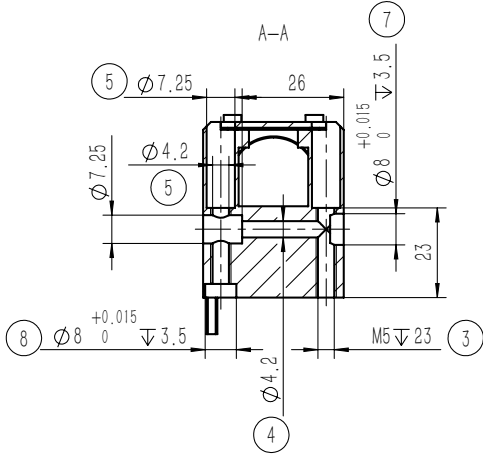
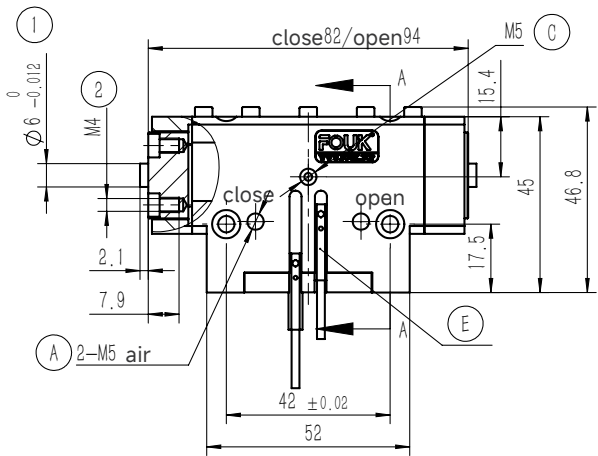


| specification                                    | TRF28     | TRF28-NC  | Unit |
|--|-----------|-----------|------|
| stroke per jaw                                   | 6         | 6         | mm   |
| product weight                                   | 0.4       | 0.5       | kg   |
| max gripping distance                            | 60        | 60        | mm   |
| Theoretical Max. Gripping Force: Opening/Closing | 60P/55P   | -/55P     | N    |
| Air Consumptionper Opening-Closing Cycle         | 0.056     | 0.14      | L    |
| Min.spring force                                 | /         | 120       | N    |
| air purge allowable pressure                     | 0.2~0.5   | 0.2~0.5   | bar  |
| work piece weight                                | 1         | 1         | kg   |
| opening/cosing time                              | 0.02/0.02 | 0.04/0.02 | s    |

|                          |        |                        |       |
|--------------------------|--------|------------------------|-------|
| max per finger weight/kg | 0.3    | air connection feature | M5    |
| repeat accuracy/mm       | ± 0.01 | temperature range/°C   | -5~60 |
| air pressure range/bar   | 3~8    | IP class               | 67    |

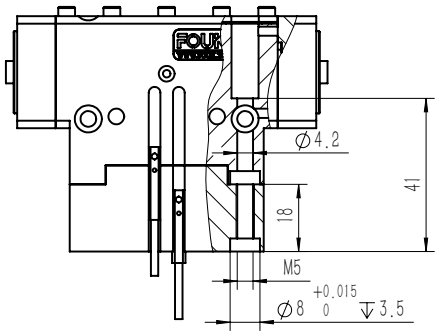
air purge working can reach IP67  
otherwise IP54

TRF28

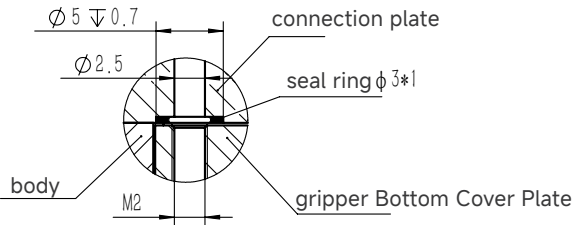


TRF28-NC

Built-inSpringwith MechanicalSelf-Locking



TRF28 hose free airconnection



- ① Gripper Finger Locating Pin Bushing (Standard)
- ② finger mounting hole
- ③④⑤ gripper mounting hole
- ⑥⑦⑧ Mounting Locating Pin Hole

- Ⓐ air connection
- Ⓒ air purge/grease injection
- Ⓓ hose free connection (Bversion)
- Ⓔ 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.