

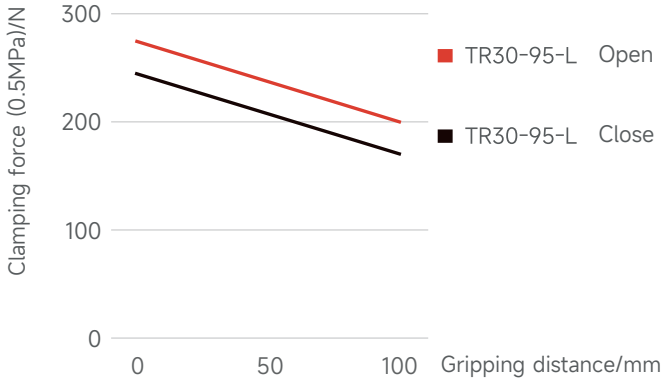
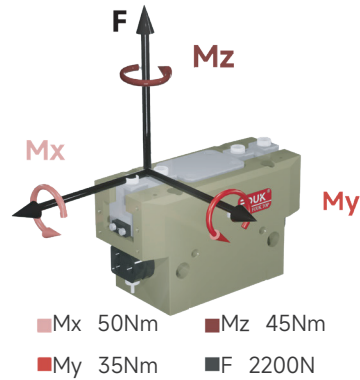
Parallel gripper long stroke series FOUK-TRL

TR30-95-L

TR30-95-L

Static load-bearing torque

Gripping force curve



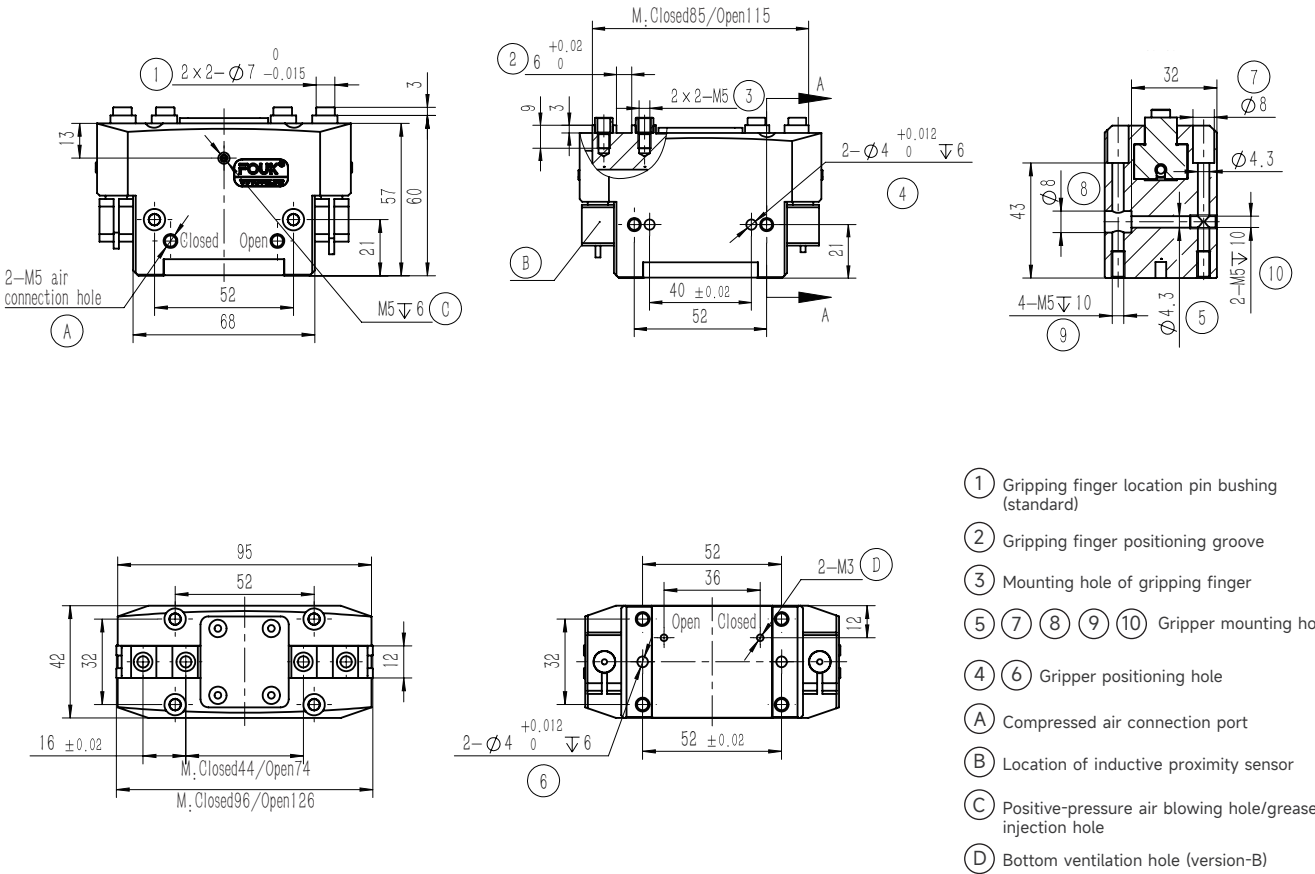
TR 30 - 95 - L - B - P - H

- Serial No. (TR: T-shaped parallel gripper)
- Cylinder bore (30)
- Shell length (95)
- Stroke extension (L)
- Ventilation at bottom (B: Ventilation on the side)
- Dust cover IP64 (P: Without dust cover)
- High temperature resistance (H: -5~240°C / 0~60°C)

Inductive proximity sensor

- IPSD-2NS-0823-L3 Inductive, NPN, 3-core3m
- IPSD-2PS-0823-L3 Inductive, PNP, 3-core3m

\*Two sensors are required for each gripper. For the detailed monitoring of two positions, see the sensor appendix.



| Product attributes                                  | TR30-95-L |  | Unit  |
|---|-----------|--|---|
| Single stroke                                       | 15        |  | mm  |
| Product weight                                      | 0.6       |  | kg  |
| Maximum allowable gripping distance                 | 100       |  | mm  |
| Theoretical maximum gripping force: opening/closing | 55P/49P   |  | N   |
| Workpiece weight                                    | 1.2       |  | kg  |
| Opening/closing time                                | 0.07/0.07 |  | s   |
| Gas consumption of single opening and closing cycle | 0.25      |  | L   |
|   |           |  | P: Compressed air pressure [bar]<br>Gas consumption: volume of gas consumed at normal pressure (0.5MPa) |
| Repeated gripping accuracy/mm                       | ± 0.02    | Specification of air connection port               | M5  |
| Operating air pressure range/bar                    | 3~7       | Temperature range of application/°C                | -5~60   |
| IP rating   | 40        | Maximum allowable single-finger gripping weight/kg | 0.15  |

TR30-95-L-P Dust-proof

Dust-proof module, IP64 for the positive-pressure air blowing hole after it, is connected to the compressed air of 0.05-0.10MPa, otherwise, IP50

TR30-95-L-B Ventilation at bottom

