

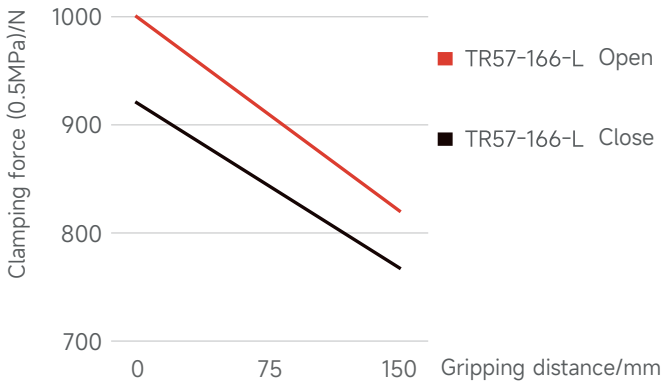
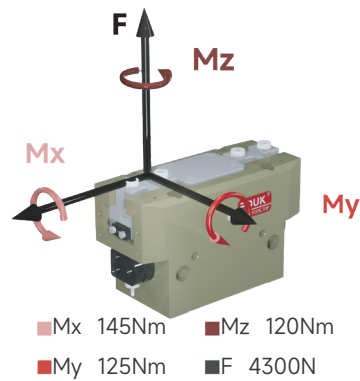
Parallel gripper long stroke series FOUK-TRL

TR57-166-L

TR57-166-L

Static load-bearing torque

Gripping force curve



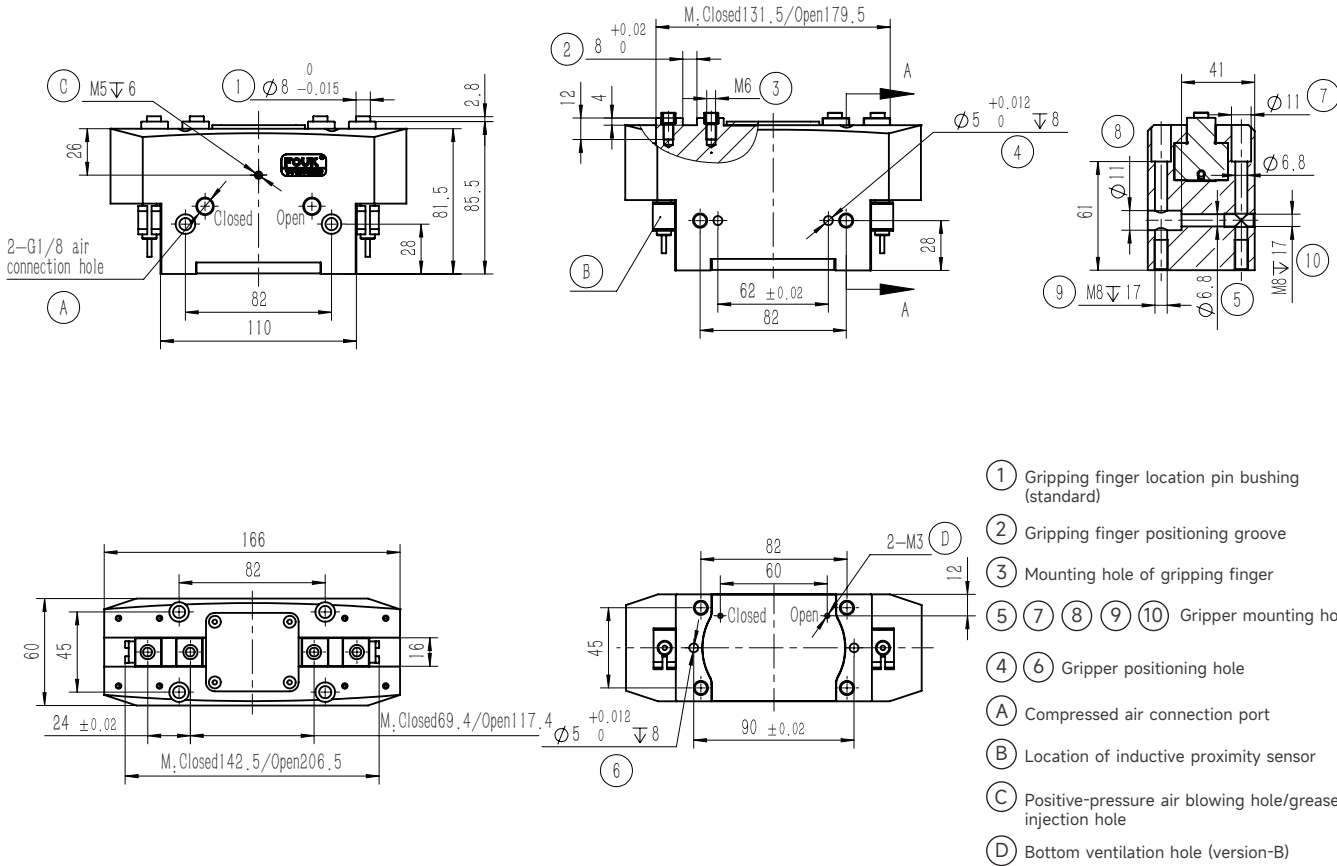
TR 57 - 116 - L - B - P - H

Serial No.	Cylinder bore	Shell length	Stroke extension	Ventilation at bottom	Dust cover IP64	High temperature resistance
TR T-shaped parallel gripper				/ Ventilation on the side	/ Without dust cover	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	TR57-166-L		Unit
Single stroke	24		mm
Product weight	2.1		kg
Maximum allowable gripping distance	150		mm
Theoretical maximum gripping force: opening/closing	200P/184P		N
Opening/closing time	5		kg
Workpiece weight	0.18/0.18		s
Gas consumption of single opening and closing cycle	0.74		L
P: Compressed air pressure [bar] Gas consumption: volume of gas consumed at normal pressure (0.5MPa)			
Repeated gripping accuracy/mm	± 0.02	Specification of air connection port	G1/8
Operating air pressure range/bar	3~7	Temperature range of application/°C	-5~60
IP rating	40	Maximum allowable single-finger gripping weight/kg	0.6

TR57-166-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

TR57-166-L-B Ventilation at bottom

