

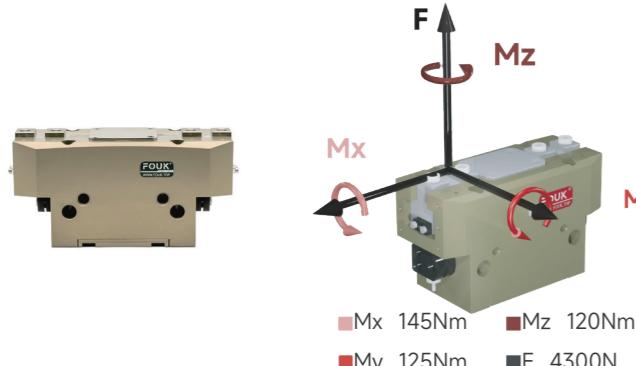
## Parallel gripper long stroke series FOUK-TRL

TR57-166-L

TR57-166-L

Static load-bearing torque

Gripping force curve



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

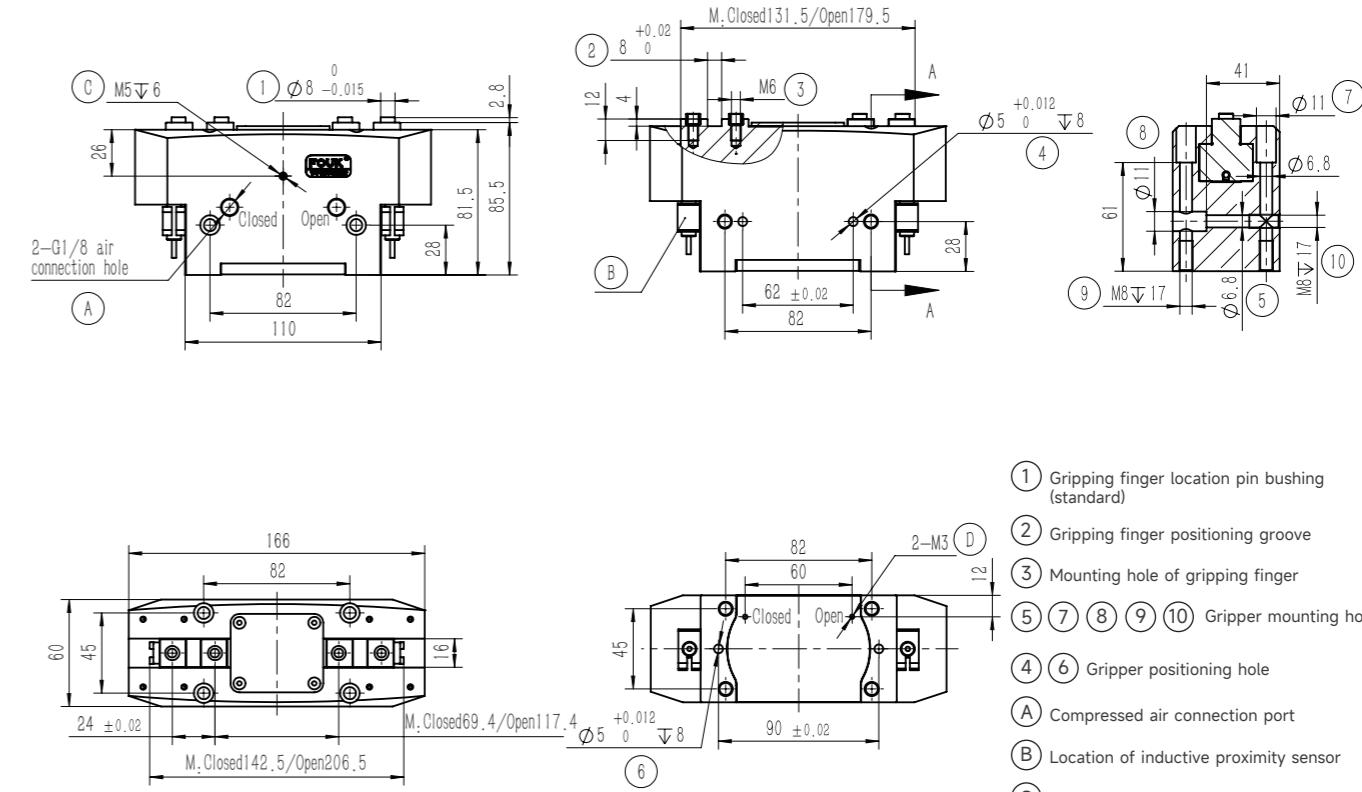
Serial No. Cylinder bore Shell length Stroke extension Ventilation at bottom Dust cover IP64 High temperature resistance

TR T-shaped parallel gripper					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

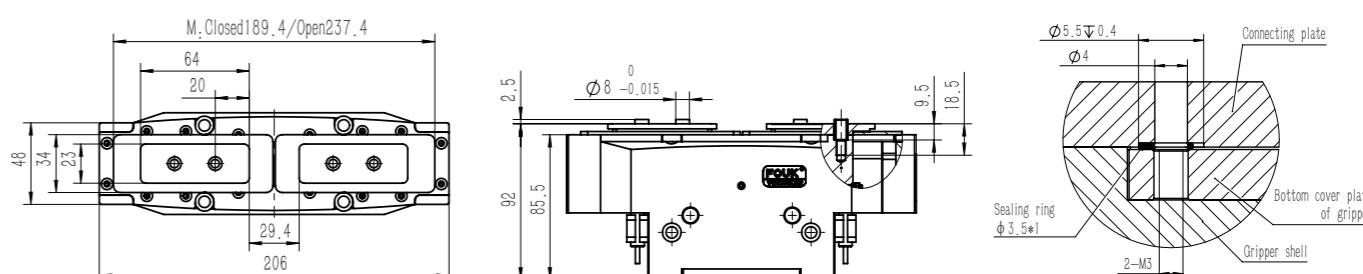
\*Two sensors are required for each gripper. For the detailed monitoring of two positions, see the sensor appendix.



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
Workpiece weight	5	kg
Opening/closing time	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

