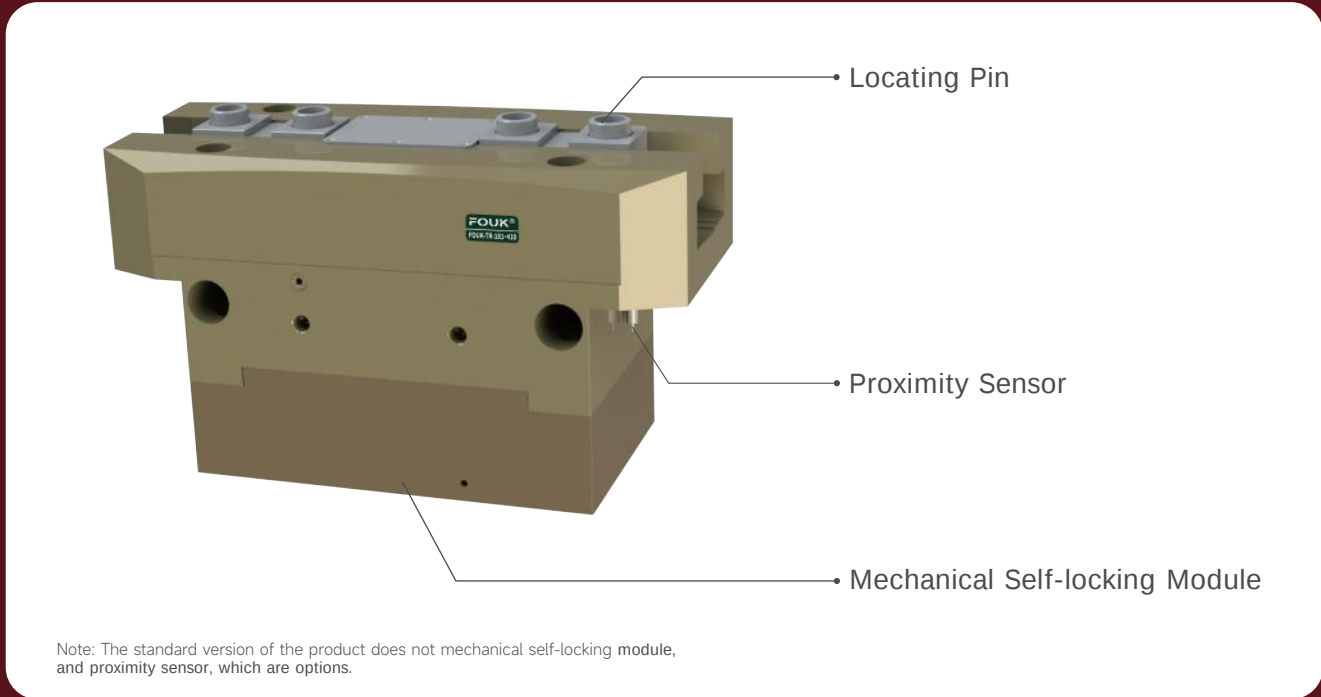
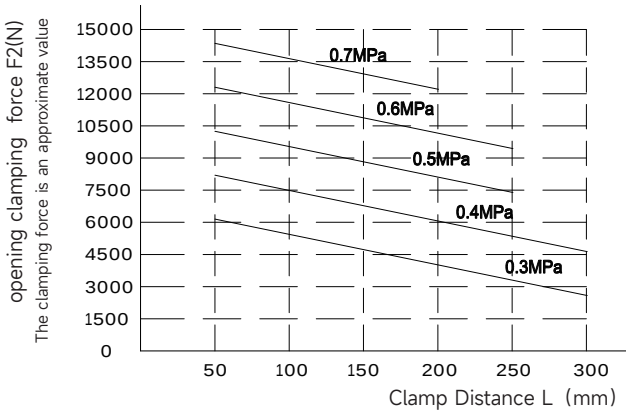
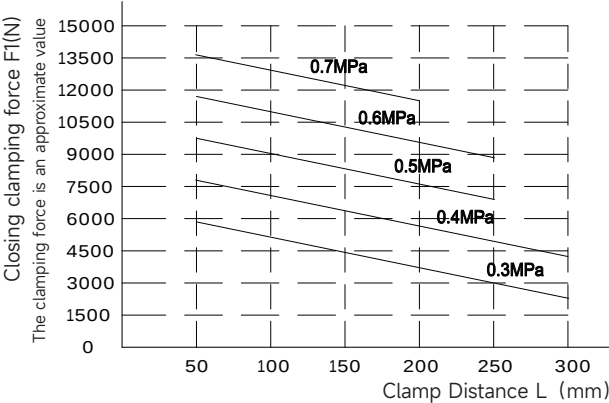
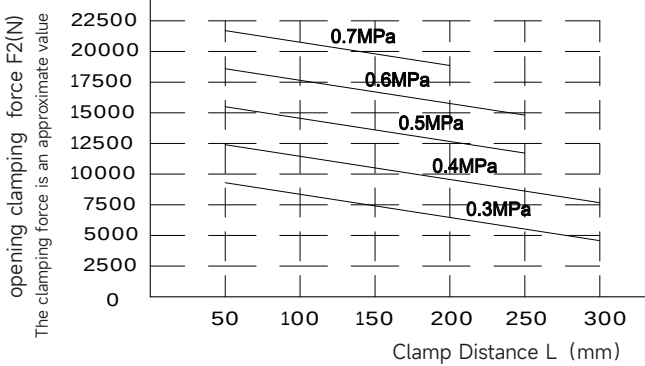
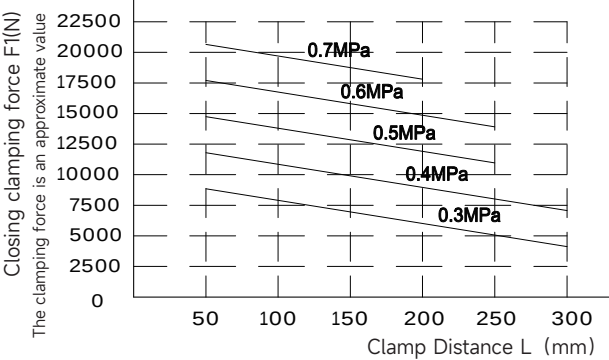




Clamping force TR181-410



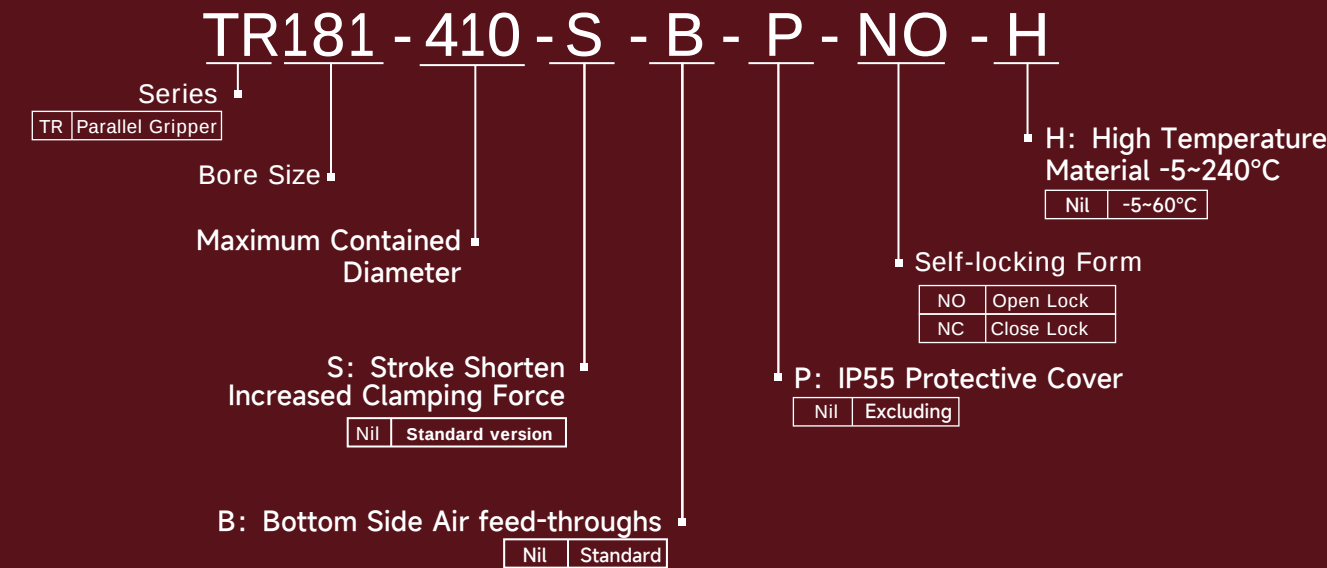
Clamping force TR181-410



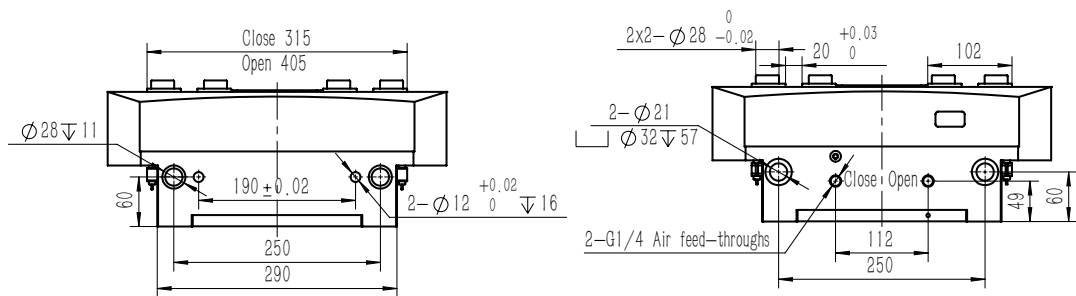
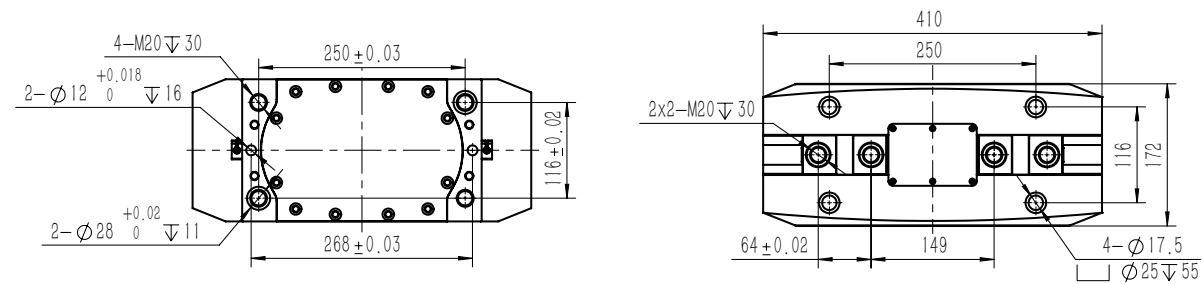
Technical parameter

Product properties	TR181-410	TR181-410-NO	TR181-410-NC	TR181-410-S	TR181-410-S-NO	TR181-410-S-NC	Unit
Single stroke	45	45	45	28	28	28	mm
Weight	29	38	37	28	37.5	36.5	kg
Max. clamp pistonce	300	300	300	300	300	300	mm
Fitting size	G1/4	G1/4	G1/4	G1/4	G1/4	G1/4	
Girpping force: open/close	2050*P/1950*P	2050*P	1950*P	3100*P/2950*P	3100*P	2950*P	N
Max. locking force		3500	3500		5200	5200	N
Min. locking force		1900	1900		2800	2800	N
Workpiece weight	75	75	75	105	105	105	kg
Continuation max frequency	10	8	8	10	8	8	cpm
Repeat accuracy	±0.05	±0.05	±0.05	±0.05	±0.05	±0.05	mm
Air pressure	3~7	4~7	4~7	3~7	4~7	4~7	bar
Ambient temperature	-5~60	-5~60	-5~60	-5~60	-5~60	-5~60	°C
IP grade	45						

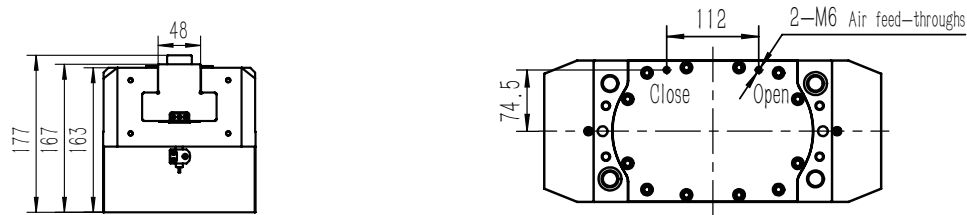
P: Air Pressure [bar]



TR181-410

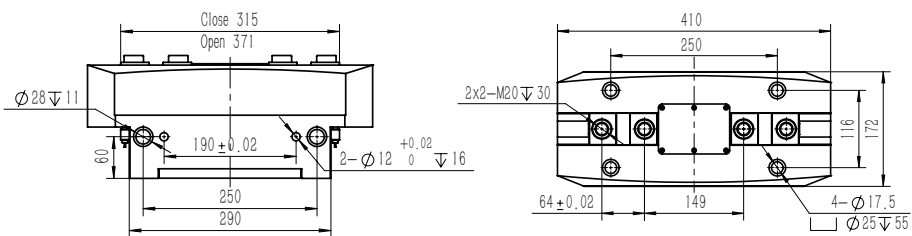


Bottom Port Dimension (B)



Recommended connecting flange size, φ9 ±0.8 ,seal ring φ6*1.5

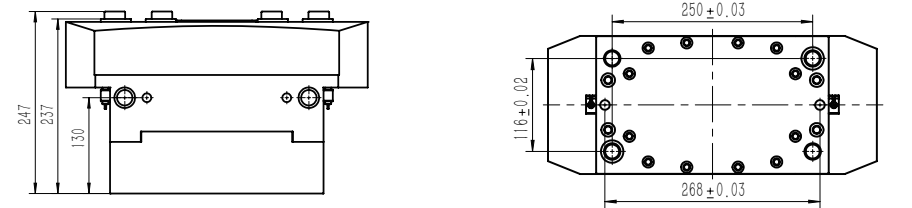
TR181-410-S



Accessory description:

The TR181 has the S series configuration, with stronger clamping force and shorter working stroke than the standard model. It is able to clamp workpieces quickly and stably, providing customers with a new alternative to the standard model.

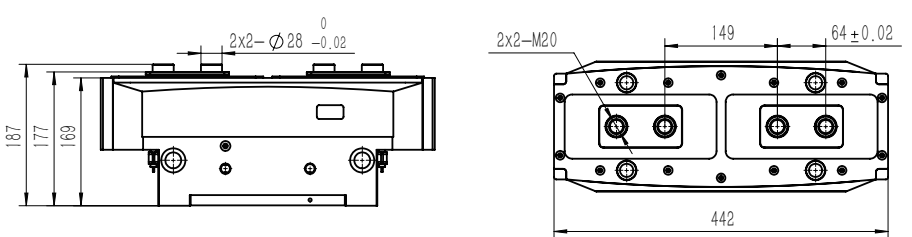
TR181-410-M/S-NO/NC Self-locking type



Accessory description:

TR181 series optional open/close self-locking module can maintain the clamping status even in the case of low air pressure or loss of air supply, providing self-locking function and increasing the stability of clamping action at the same time.

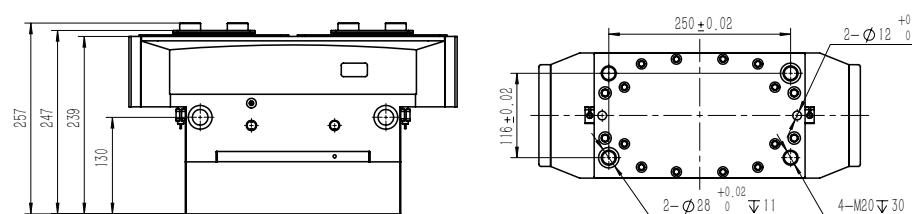
TR181-410-M/S-P Dust proof type



Accessory description:

Considering the diverse and complex working conditions of the gripper, the gripper is required to have better dust-proof performance. The TR181 series is equipped with optional dust-proof unit, and the protection level is upgraded to IP55 to further enhance the performance of the gripper under complex working conditions.

TR181-410-M/S-P-NO/NC Self-locking Dust proof type



Accessory description:

The TR181 series offers a combination of dust-proof module and self-locking module to meet more diverse application scenarios and customer needs.