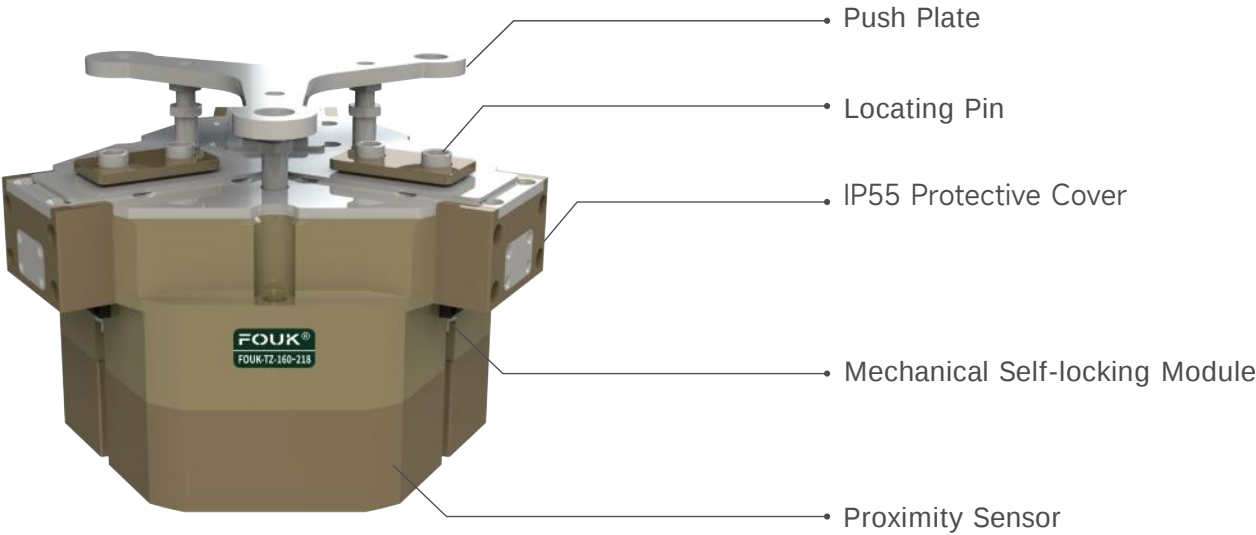
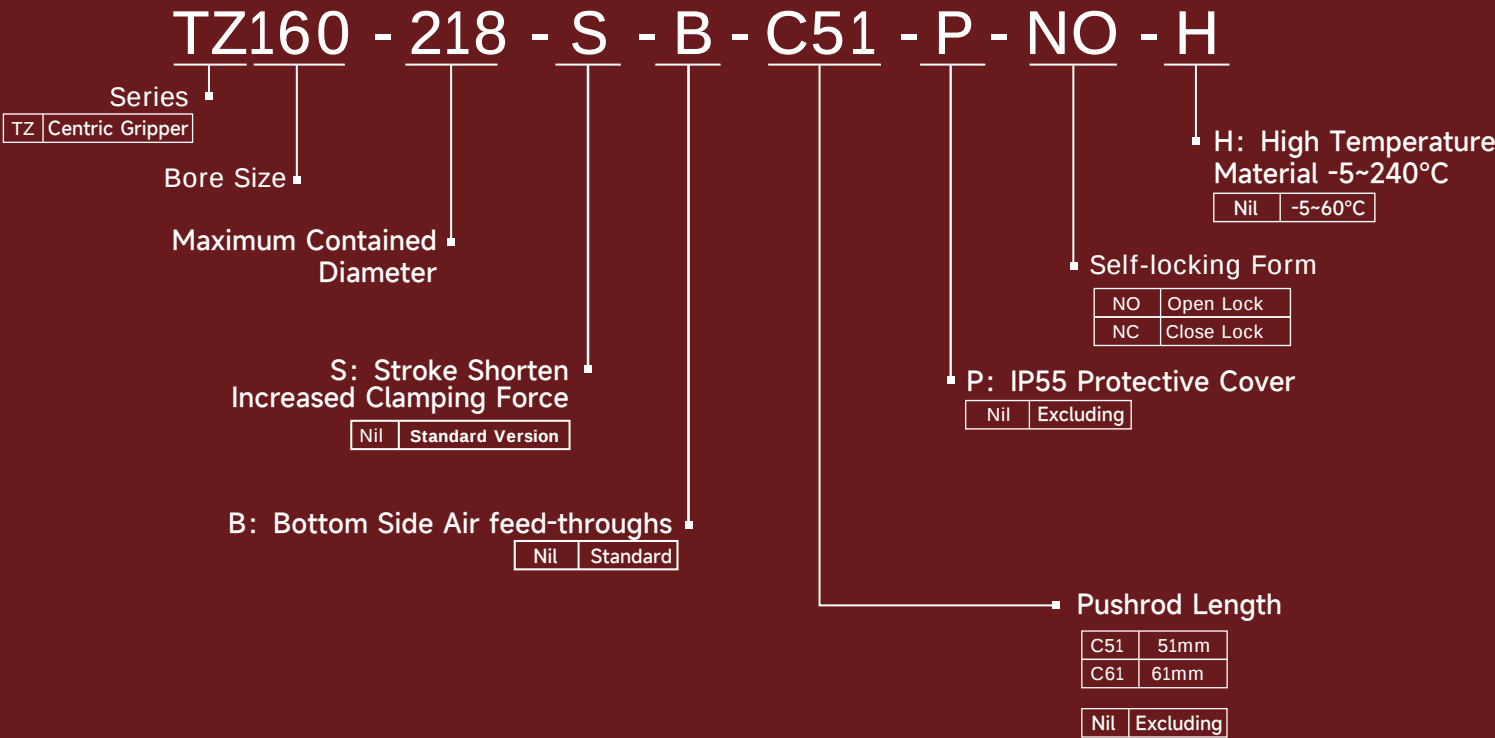
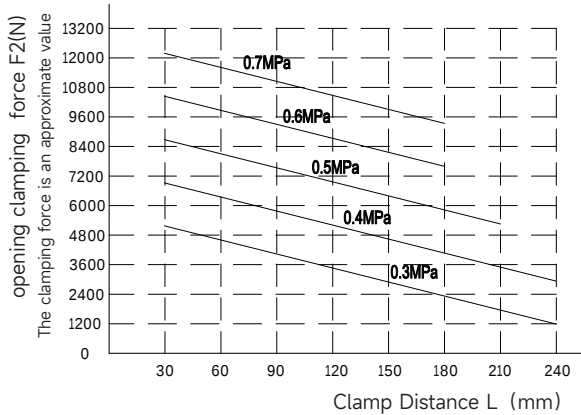
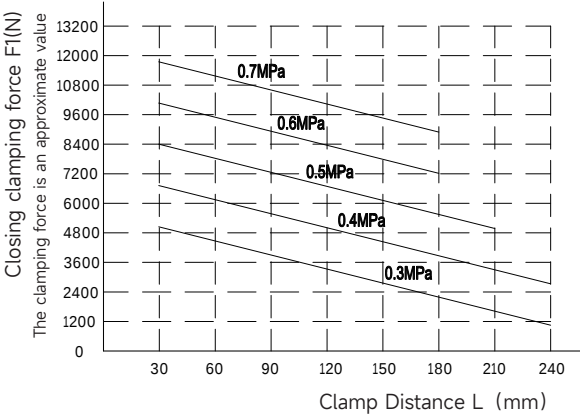




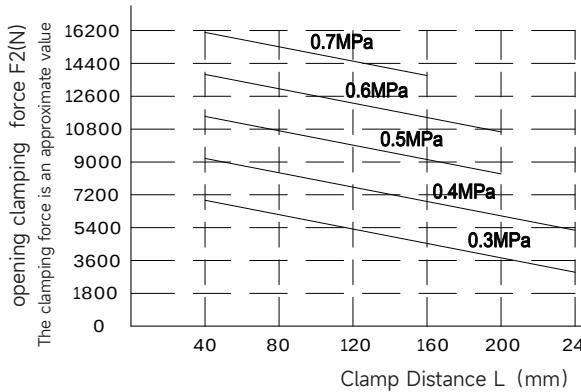
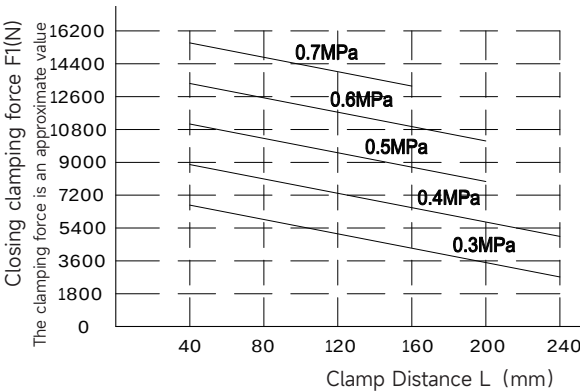
Note: The standard version of the product does not include push plate, IP55 protective cover, mechanical self-locking module, and proximity sensor, which are options.



Clamping force TZ160-218-M



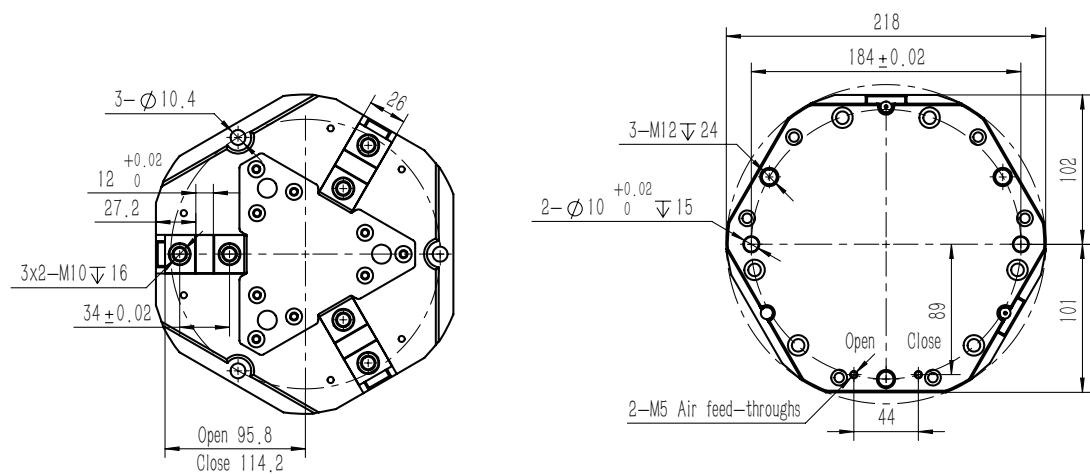
Clamping force TZ160-218-S



Product properties	TZ160-218	TZ160-218-NO	TZ160-218-NC	TZ160-218-S	TZ160-218-S-NO	TZ160-218-S-NC	Unit
Single stroke	18	18	18	12.5	12.5	12.5	mm
Weight	8.8	13	12.5	8.6	13	12.5	kg
Max. clamp pistonce	240	240	240	240	240	240	mm
Fitting size	G1/4	G1/4	G1/4	G1/4	G1/4	G1/4	
Girpping force: open/close	1740*P/1680*P	1740*P	1680*P	2300*P/2220*P	2300*P	2220*P	N
Max. locking force		3400	3400		4500	4500	N
Min. locking force		2500	2500		3200	3200	N
Work piece weight	45	45	45	60	60	60	kg
Continuation max frequency	15	10	10	15	10	10	cpm
Repeat accuracy	±0.04	±0.04	±0.04	±0.04	±0.04	±0.04	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						

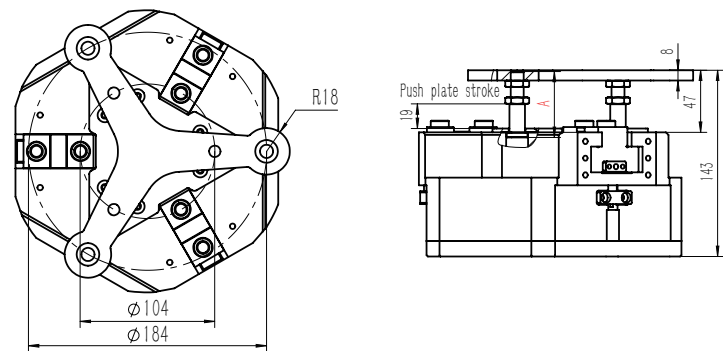
P: Air Pressure [bar]

TZ160-218



Bottom Port Dimension (B): Recommended connecting flange size $\phi 9 \nabla 1$, seal ring $\phi 6 \times 1.5$.

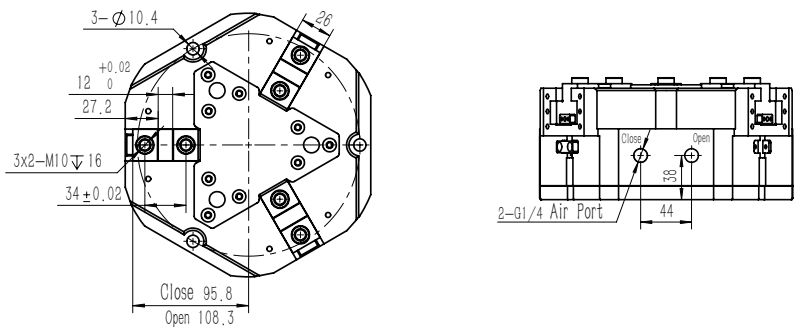
TZ160-218-M/S-C51 Push plate



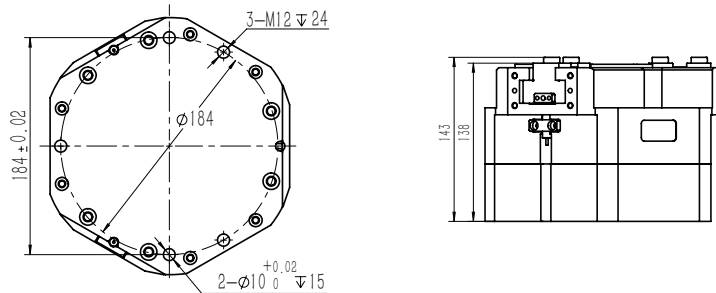
Accessory description:

TZ160 series opening up the pushing interface and offers different optional heights of 51mm and 61mm. Dust cover plate promoted 17mm. Pushing plate floats to provide thrust and the high quality hardened spring provides over 500,000 cycles of service life to ensure its functional reliability under prolonged impact.

TZ160-218-S



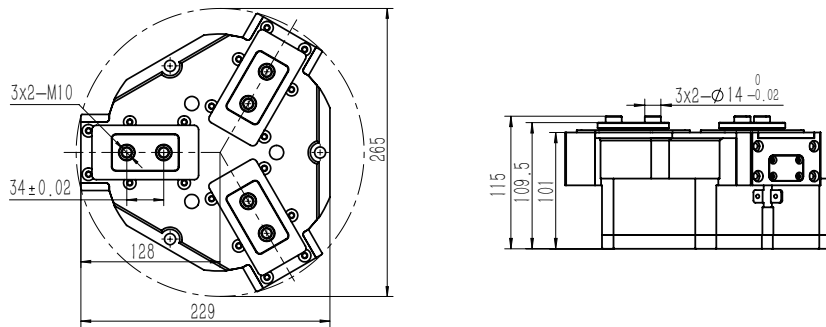
TZ160-218-M/S-NO/NC Self-locking type



Accessory description:

TZ160 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.

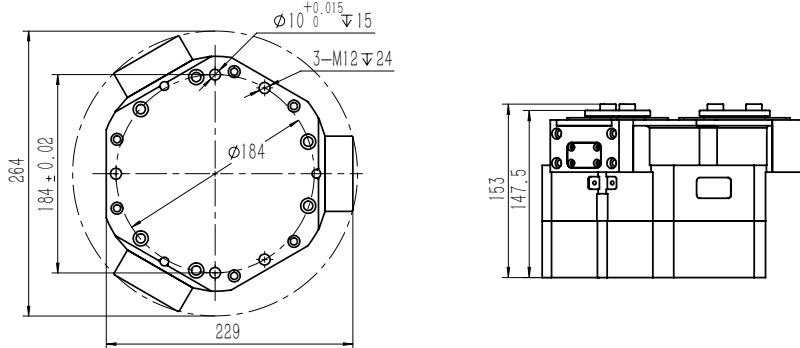
TZ160-218-M/S-P Dust proof type



Accessory description:

Considering the diverse and complex working conditions of the gripper, the gripper is required to have better dust-proof performance. The TZ160 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.

TZ160-218-M/S-P-NO/NC Self-locking Dust proof type



Accessory description:

The TZ160 series offers a combination of dust-proof module and self-locking module to meet more diverse application scenarios and customer needs.