FOUK® End-of-Arm Tooling

Truss System Disc-type Gripping Unit Series FOUK-TG

FZ70-125

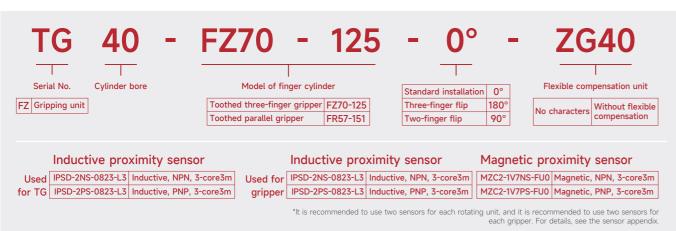
TG40

Air connection port of air distribution pipe

Operating temperature range

IP rating





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for TG IPSD-2PS-0823-L3 Inductive	, PNP, 3-core3m	gripper IPSD-2PS-0823-L3 Inductive, PNP, 3-core3m M.	ZC2-1V7PS-FU0 Magnetic, PNP, 3-core3m	
*It is recommended to use two sensors for each rotating unit, and it is recommended to use two sensors f each gripper. For details, see the sensor append				
Product attributes		TG40	Unit	
Theoretical torque		3.7 × P	N·m	
Suitable Workpiece Load for Single- Finger Cylinder	Side	6.5	kg	
Maximum working load of single-sid finger cylinder	е	8	kg	
Product weight		9.9	kg	
Rotation time		1~1.5	sec	
Specification of buffer unit		M20 Hydraulic buffer		
Repeated positioning accuracy		± 0.05	mm	
Operating air pressure		3~6	bar	

G1/8

-5~60

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Product attributes	Parameter Value	Unit
Single stroke	10	mm
Product weight	1.6	kg
Maximum allowable gripping distance	145	mm
Specification of air connection port	G1/8	
Theoretical maximum gripping force: opening/closing	310P/280P	N
Opening/closing time	0.1/0.1	s
Repeated gripping accuracy	± 0.02	mm
Operating air pressure range	3~8	bar
Temperature range of application	-5~60	°C
IP rating	40	

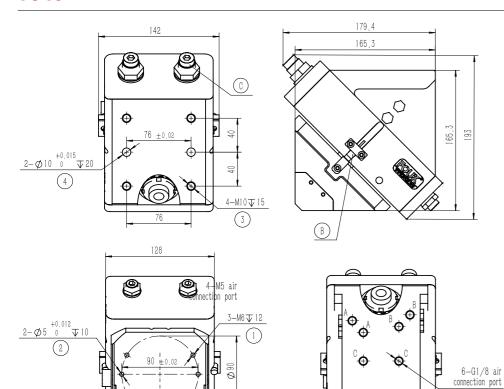
FR57-151

Product attributes	Parameter Value	Unit
Single stroke	13	mm
Product weight	1.45	kg
Maximum allowable gripping distance	160	mm
Specification of air connection port	G1/8	
Theoretical maximum gripping force: opening/closing	214P/198P	N
Opening/closing time	0.09/0.09	s
Repeated gripping accuracy	± 0.02	mm
Operating air pressure range	3~8	bar
Temperature range of application	-5~60	°C
IP rating	40	

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FOUK-TG

TG40

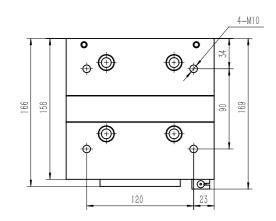


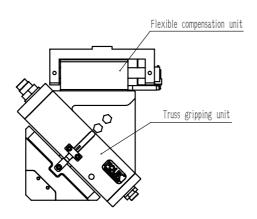
- 1) Gripper mounting hole
- 2 Gripper mounting and positioning hole
- 3 Mounting hole of swing cylinder
- 4 Mounting and positioning hole of swing cylinder
- A Compressed air connection port
- B Location of inductive proximity sensor
- (C) Hydraulic buffer
- D Swing cylinder rotation limit
- (E) Air passage hole in gripper

Note: A and B are gripper air

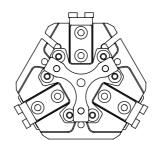
C is the air connection port of the swing cylinder

TG40-ZG40

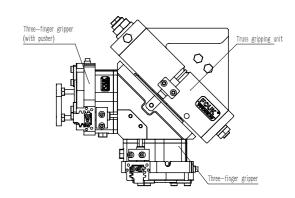




TG40-FZ70-125-0°Standard installation



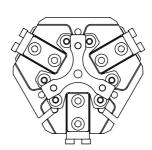
The mounting angle is 0°



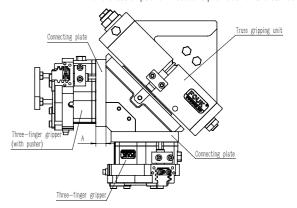
Note: A set of pusher module is provided for the standard version.

TG40-FZ70-125-180°Finger cylinder flip

Note: The connecting plate is designed with different thickness A according to different requirements; and a set of pusher module is provided for the standard version.

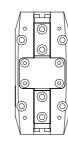


The mounting angle is 180°

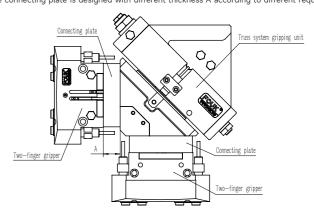


TG40-FR57-151-0°Standard installation

Note: The connecting plate is designed with different thickness A according to different requirements.

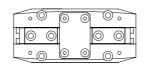


The mounting angle is 0°



TG40-FR57-151-90°Finger cylinder flip

Note: The connecting plate is designed with different thickness A according to different requirements.



The mounting angle is 90°

