

## Truss System Disc-type Gripping Unit Series FOUK-TG

FZ70-125

TG40



TG 40 - FZ70 - 125 - 0° - ZG40

Serial No. TGCylinder bore FZModel of finger cylinder Gripping unitStandard installation 0°Flexible compensation unit No characters

FZ

Toothed three-finger gripper FZ70-125Three-finger flip 180°

Without flexible compensation

Gripping unit

Toothed parallel gripper FR57-151Two-finger flip 90°

Inductive proximity sensor

Used for IPSD-2NS-0823-L3 Inductive, NPN, 3-core3mfor TG IPSD-2PS-0823-L3 Inductive, PNP, 3-core3m

Inductive proximity sensor

Used for IPSD-2NS-0823-L3 Inductive, NPN, 3-core3mgripper IPSD-2PS-0823-L3 Inductive, PNP, 3-core3m

Magnetic proximity sensor

D-M9NAL Magnetic, NPN, 3-core3mD-M9PAL Magnetic, PNP, 3-core3m

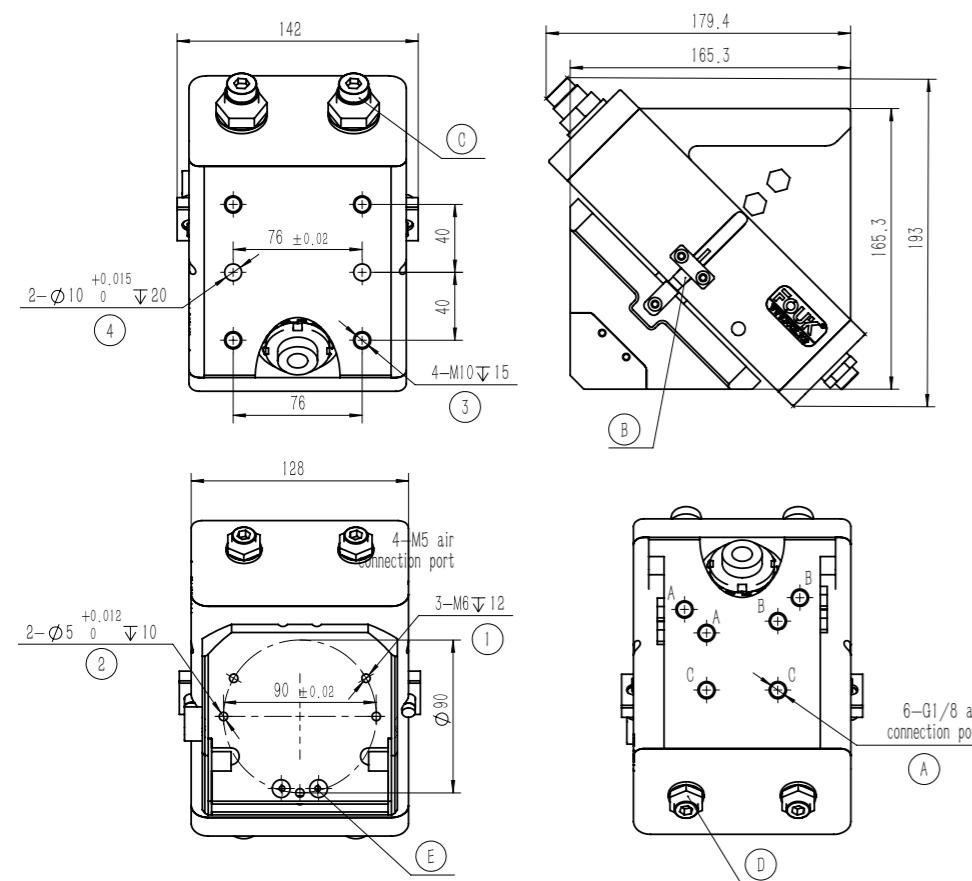
\*It is recommended to use two sensors for each rotating unit, and it is recommended to use two sensors for each gripper. For details, see the sensor appendix.

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	

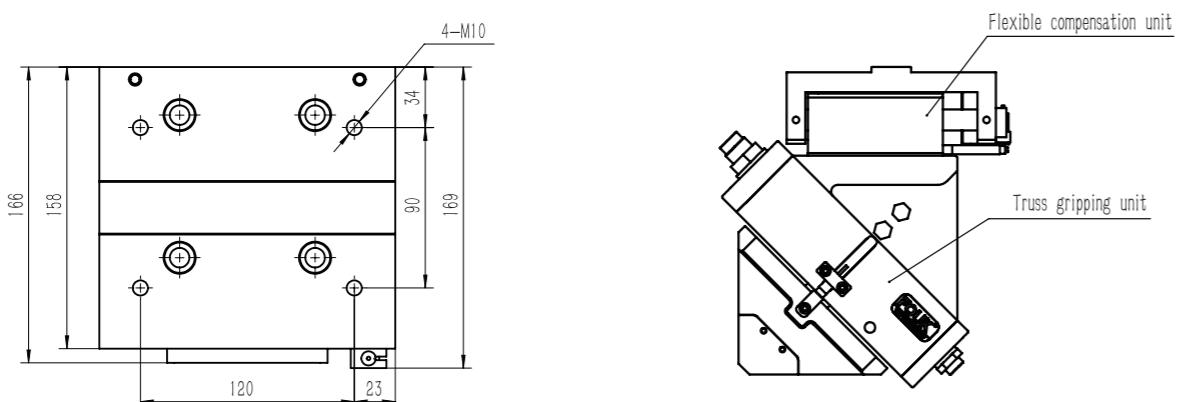
Product attributes	TG40	Unit
Theoretical torque	3.7 × P	N·m
Suitable Workpiece Load for Single-Side Finger Cylinder	6.5	kg
Maximum working load of single-side finger cylinder	8	kg
Product weight	9.9	kg
Rotation time	1~1.5	sec
Specification of buffer unit	M20 Hydraulic buffer	
Repeated positioning accuracy	± 0.05	mm
Operating air pressure	3~8	bar
Air connection port of air distribution pipe	G1/8	
Operating temperature range	-5~60	°C
IP rating	65	

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	

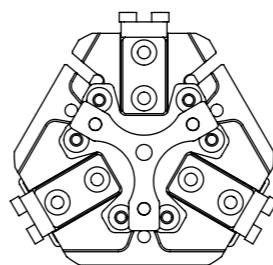
## TG40



## TG40-ZG40

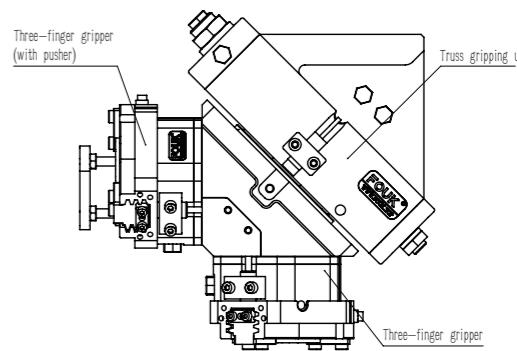


## TG40-FZ70-125-0°Standard installation

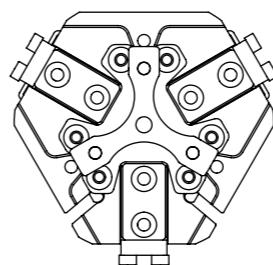


The mounting angle is 0°

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

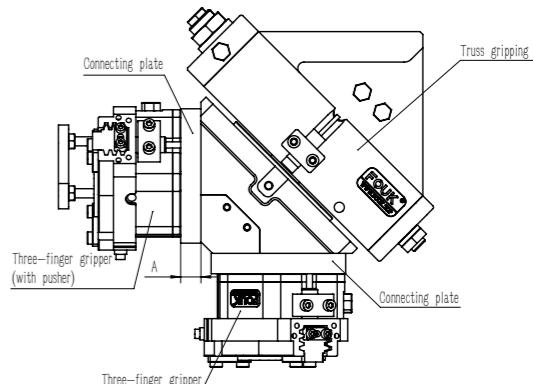


## TG40-FZ70-125-180°Finger cylinder flip

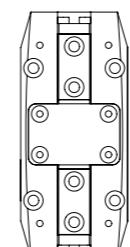


The mounting angle is 180°

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.

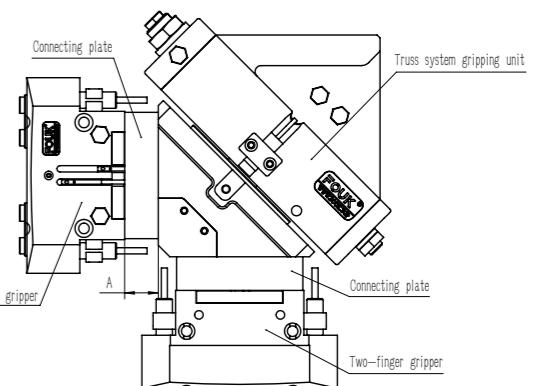


## TG40-FR57-151-0°Standard installation

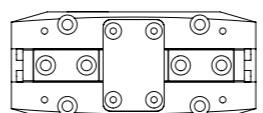


The mounting angle is 0°

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



## TG40-FR57-151-90°Finger cylinder flip



The mounting angle is 90°

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

