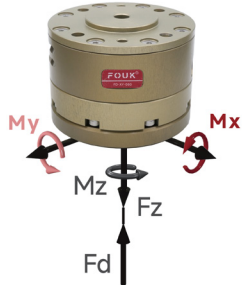


Compensation unit serials FOUK-F

FD-XY-080

FD-XY-080



Mx max 30Nm
My max 30Nm
Mz max 9Nm
Fz max 750N
Fd max 3200N

FD - XY - 080 - P

serial No. dual-axis model Position memory
FD floating compensation / -P with Position memory

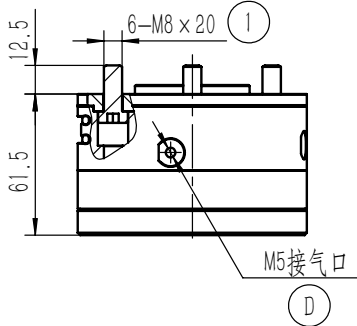
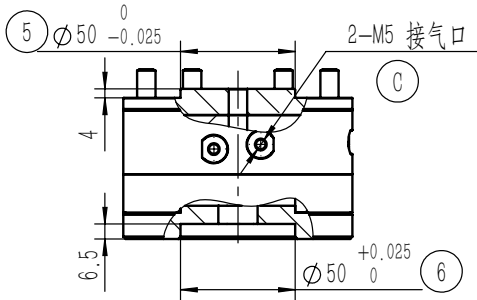
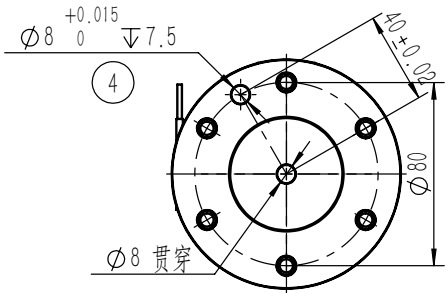
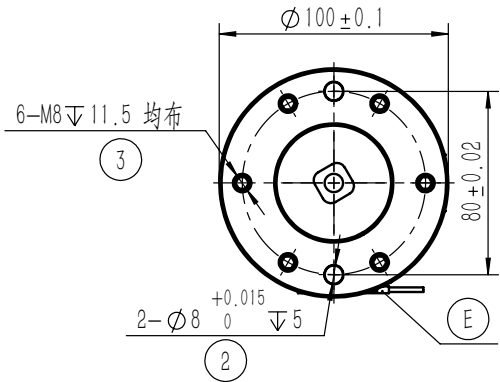
Magnetic proximity sensor

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

*Each unit is equipped with two sensors to monitor two positions.
See the sensor appendix for details.

Specifications	FD-XY-080	FD-XY-080-P	Unit
weight	1.5		kg
XY compensation	± 4		mm
Deflection rotator	± 16		°
operating pressure range	3~8		bar
locking force	93P		N
Repeat accuracy	0.1		mm
Max. load force locked	62P		N
Recommended handling weight, horizontal	10		kg
Recommended handling weight, vertical	15		kg
Ambient temperature	5~60		°C
Air connection specification	M5		
Position memory piston force	/	100P	N
Max. radial force, position storage	/	29P	N
Recommended handling weight position storage	/	4	kg

P: compress air pressure[bar]



- ① Low Head Socket Cap Screw (Standard)
② ⑥ Tool side positioning
- ③ Tool-side mounting
④ ⑤ Robot-side positioning
- Ⓒ Air port lock / unlock
Ⓓ Compressed air port position lock
Ⓔ Magnetic proximity sensor position