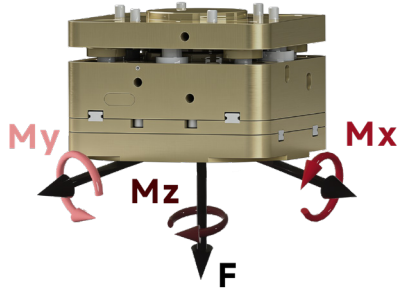
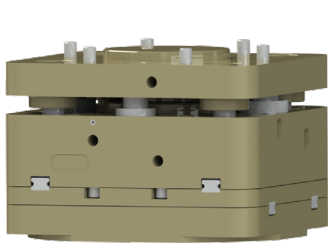


Compensation unit serials FOUK-F

F24-200



Mx max 500Nm
My max 500Nm
Mz max 250Nm
F max 2000N

F

serial No.

F floating compensation

24

stroke

-

200

model

-

XY

No. of axes

dual-axis	XY
tri-axis	XYZ
single axis	Z

-

P

Position memory

-0	without
-P	with Position memory

For single axis uses

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

For dual axis uses

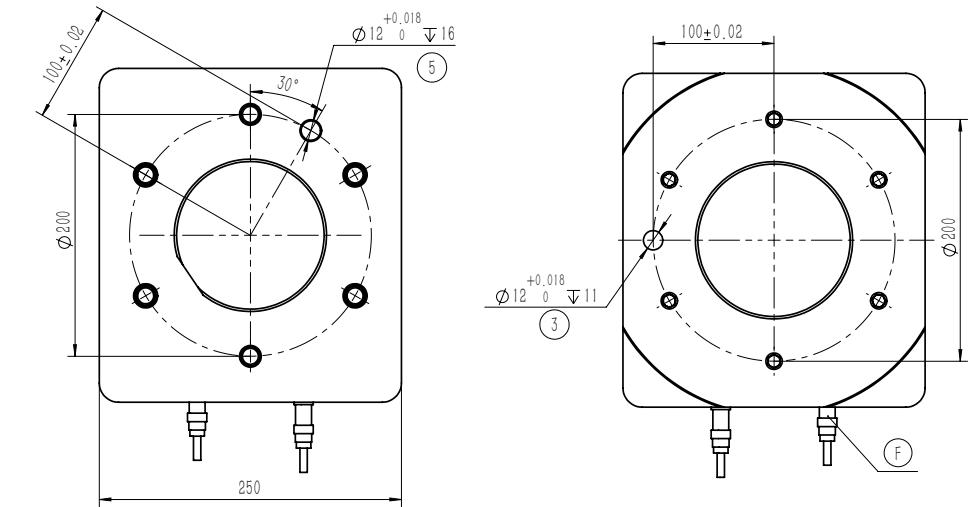
Magnetic proximity sensor	MM08-60ANS-ZUK	Magnetic, NPN, 3core3m
	MM08-60APS-ZUK	Magnetic, PNP, 3core3m

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

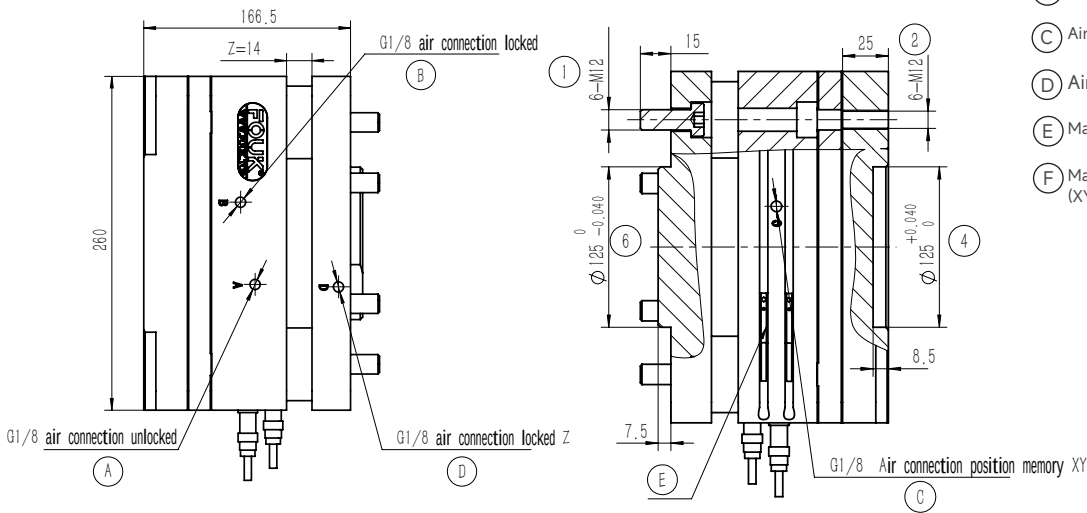
Specifications	F24-200-XYZ-0	F24-200-XYZ-P	F24-200-XY-0	F24-200-XY-P	F24-200-Z-0	Unit
Weight	29.5	29.5	21	21	22.5	kg
XY compensation	± 12	± 12	± 12	± 12		mm
Z compensation	14	14			14	mm
Recommended handling weight, vertical	160	160	160	160	160	kg
Recommended handling weight, horizontal	100	100	100	100	100	kg
Locking Force	2700	2700	2700	2700		N
Position memory piston force		4500		4500		N
Max. radial force, position storage		492		492		N
Piston Force (Z-axis)	3000	3000			3000	N
Min. spring force	1100	1100			1100	N
Ambient temperature range/°C	5~60		Air connection specification		G1/8	
Operating pressure range/bar	3~8		Repeataccuracy/mm		± 0.1	
Robot-side connection	ISO 9409-1-200-6-M12		Tool-side connection		ISO 9409-1-200-6-M12	

F24-200-XYZ

Three-axis compensation

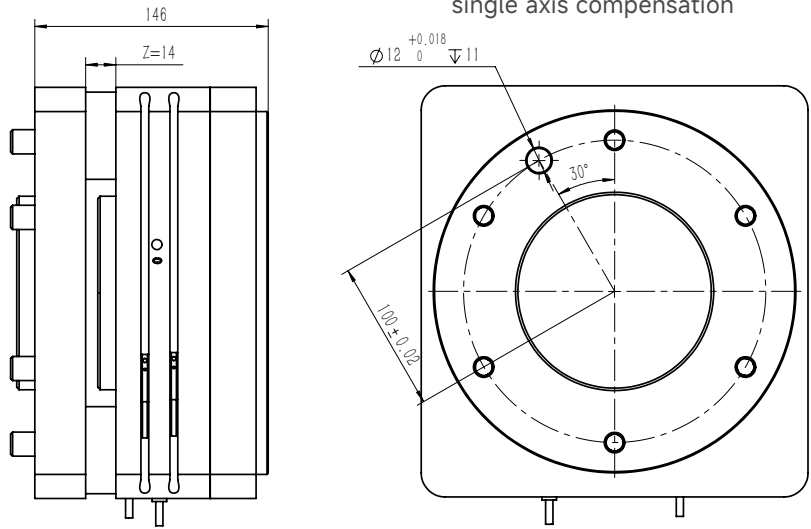


- ① Mounting screws, robot side (Std.)
- ② Tool-side mounting holes
- ③ ④ Tool side locating hole
- ⑤ ⑥ Robot-side locating hole
- Ⓐ Air connection unlocked
- Ⓑ Air connection locked
- Ⓒ Air connection position memory XY
- Ⓓ Air connection locked Z
- Ⓔ Magnetic proximity sensor position (Zaxis)
- Ⓕ Magnetic proximity sensor position (XY-axis)



F24-200-Z

single axis compensation



F24-200-XY

dual- axis compensation

