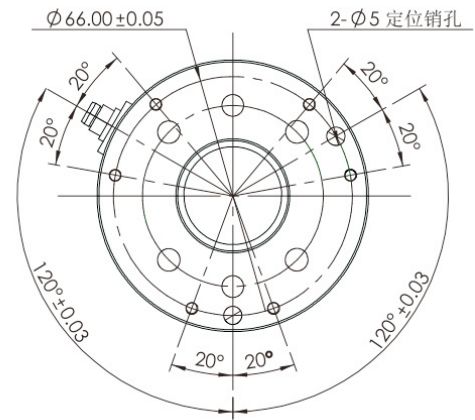
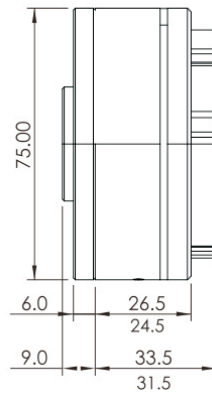
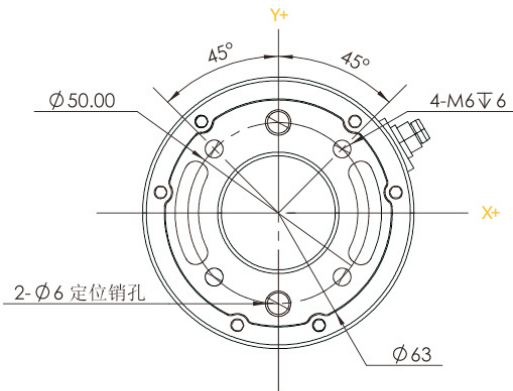


Six-Component Force Sensor



GMD306



FEATURES

- Large bending moment range, six-axis joint calibration, fully suppress crosstalk;
- Using aviation alloy, high overload, built-in high-precision embedded data acquisition and calculation system;
- It is suitable for applications in small industrial robots, collaborative robots, service robots, etc.

PARAMETERS

Performance Parameter	GMD306A	GMD306B	GMD306C	GMD306D	GMD306E	GMD307F
Fx,Fy(N)	30	50	100	200	400	500
Fz(N)	30	50	100	200	500	700
Mx,My(Nm)	1.5	2	4	8	12	18
Mz(Nm)	1.5	2	4	8	12	18
Diameter(mm)	75	75	75	75	75	75
Height(mm)	31.5	31.5	31.5	31.5	31.5	31.5
Comprehensive Error(%F.S)	0.5	0.5	0.5	0.5	0.5	0.5
Resolution(%F.S)	0.03	0.03	0.03	0.03	0.03	0.03
Repeatability Error(%F.S)	0.1	0.1	0.1	0.1	0.1	0.1
Sampling Rate(Hz)	1000	1000	1000	1000	1000	1000
Operating Temp Range($^{\circ}$ C)	0~80	0~80	0~80	0~80	0~80	0~80

PARAMETERS

Performance Parameter	GMD306A	GMD306B	GMD306C	GMD306D	GMD306E	GMD307F
Supply Power(VDC)	12~48					
Overload Level(%F.S)	300					
Ingress Protection	IP64					
Material	Aluminum alloy					
Surface Treatment	Anodization					
Weight(kg)	0.26	0.26	0.28	0.28	0.32	0.36
Communication	RS485/RS422/USB/Industrial Ethernet/MODBUS/TCP/UDP					
The default value ranges from 9 ~24VDC. For 48VDC, contact the sales personnel.						
Accuracy includes measurement errors caused by crosstalk, hysteresis, nonlinearity and other factors.						
Note: Used together with high precision data acquisition system						