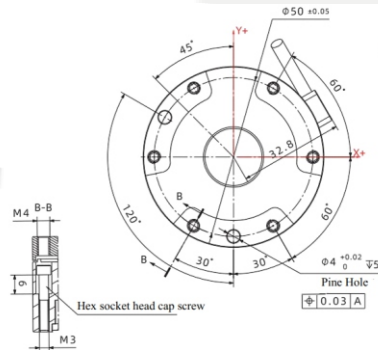
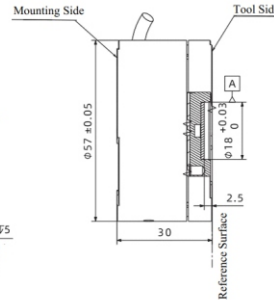
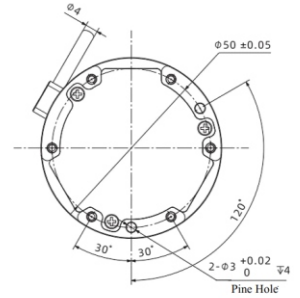


Six-Axis Force Sensor



GMD308

Size: $\phi 57 \times H30\text{mm}$



FEATURES

- Six-axis joint calibration, fully suppress crosstalk;
- Small high-precision six-axis force sensor, high overload, both high stiffness and high sensitivity;
- For medical testing, small industrial robots, automated measurement, and aerospace applications.

SPECIFICATION

Technical Index	GMD308A	GMD308B	GMD308C	GMD308D
$F_x, F_y(\text{N})$	50	200	350	500
$F_z(\text{N})$	50	200	350	500
$M_x, M_y(\text{Nm})$	2	8	10	14
$M_z(\text{Nm})$	2	8	10	14
Diameter(mm)	57	57	57	57
Height(mm)	30	30	30	30
Comprehensive Error(%F.S)	0.5	0.5	0.5	0.5
Resolution(%F.S)	0.03	0.03	0.03	0.03
Repeatability Error(%F.S)	0.1	0.1	0.1	0.1
Sampling Rate(Hz)	1000	1000	1000	1000
Operating Temp Range($^{\circ}\text{C}$)	-10~+80	-10~+80	-10~+80	-10~+80
Supply Power(VDC)	12~48	12~48	12~48	12~48
Overload Level(%F.S)	300	300	300	300
Ingress Protection	IP64	IP64	IP64	IP64
Material	Aluminum alloy	Aluminum alloy	Aluminum alloy	Aluminum alloy
Surface Treatment	Anodizing	Anodizing	Anodizing	Anodizing
Weight(kg)	0.12	0.13	0.14	0.14
Communication Interface	RS485、RS422、USB、Ethernet(choose any one)			
Communication Protocol	TCP、UDP、Modbus RTU、Modbus TCP、EtherCAT			