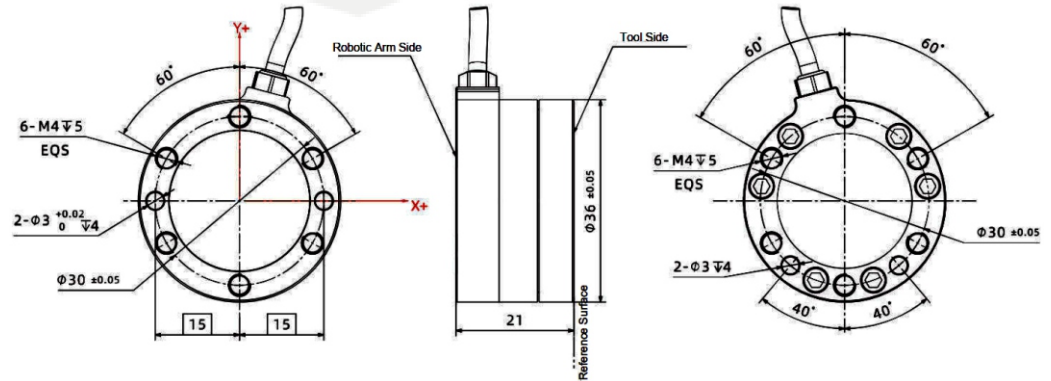


Six-Axis Force Sensor



GMD304

Size: $\phi 36 \times H21\text{mm}$



FEATURES

- Six-axis joint calibration, fully suppress crosstalk;
- Miniature high-precision six-axis force sensor, high overload, both high stiffness and high sensitivity.

SPECIFICATION

Technical Index	GMD304A	GMD304B	GMD304C	GMD304G
$F_x, F_y(\text{N})$	30	50	80	500
$F_z(\text{N})$	30	50	80	500
$M_x, M_y(\text{Nm})$	1.5	2	3	9
$M_z(\text{Nm})$	1.5	2	3	9
Diameter(mm)	36	36	36	36
Height(mm)	21	21	21	21
Comprehensive Error(%F.S)	0.5	0.5	0.5	1
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	Alloy steel
Surface Treatment	Anodizing	Anodizing	Anodizing	Electropolishing
Weight(kg)	0.04	0.05	0.06	0.16
Communication Interface	RS485、RS422、USB、Ethernet(choose any one)			
Communication Protocol	TCP、UDP、Modbus RTU、Modbus TCP、EtherCAT			