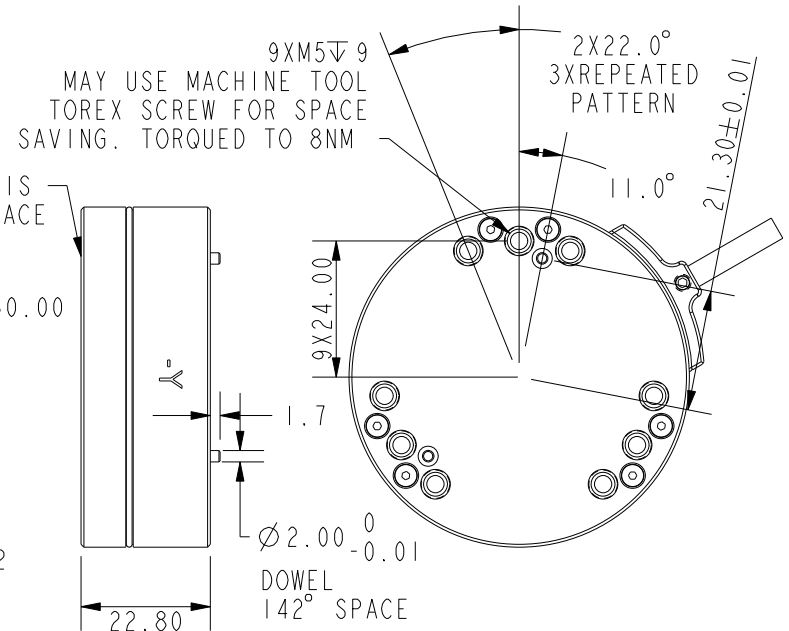
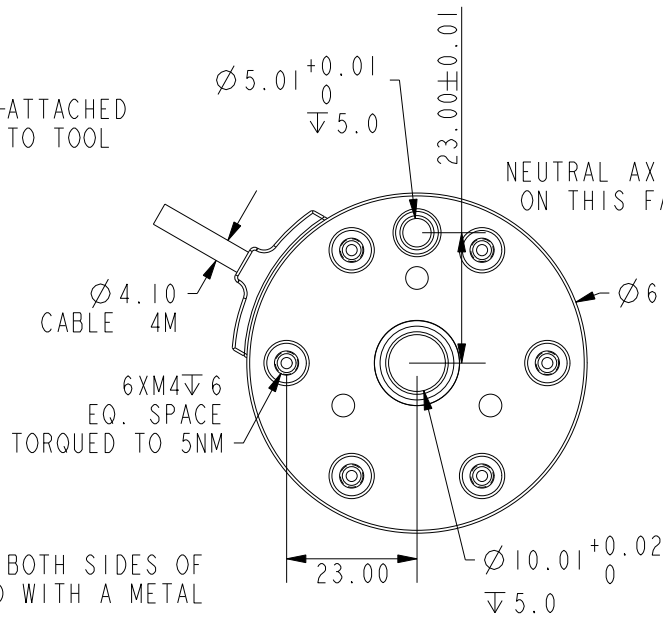
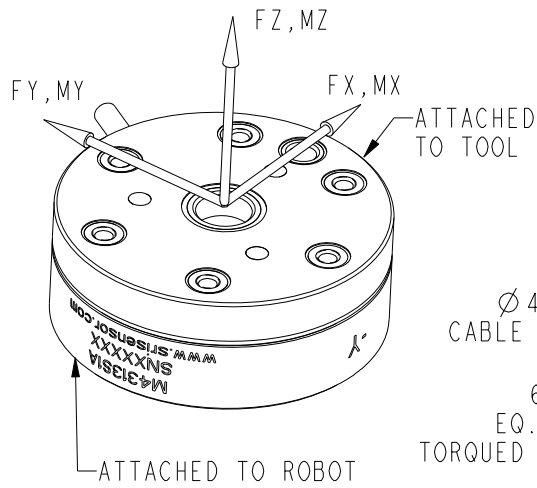


MACHINE TOOL TOREX SCREW
ILLUSTRATION ONLY

TO OBTAIN ACCURATE OUTPUT, BOTH SIDES OF THE SENSOR MUST BE MOUNTED WITH A METAL PLATE WITH MIN. 8MM THICK

IP PROTECTION: IP60

SUFFICIENT DYNAMIC RANGE FOR ZERO OFFSET UP TO 120% F.S.

PATENT NO.: 202322769210.4

CABLE #1

COLOR	FUNCTION	COLOR	FUNCTION
ORANGE	11 TO 25V	WHITE	RS485B
GRAY	RX	YELLOW	/
BROWN	TX	GREEN	/
BLUE	RS485A	BLACK	GND

STIFFNESS:
FX: 8.0E+07 N/m
FY: 6.0E+07 N/m
FZ: 1.6E+08 N/m
MX: 3.6E+04 Nm/rad
MY: 2.3E+04 Nm/rad
MZ: 3.3E+04 Nm/rad

	Fx	Fy	Fz	Mx	My	Mz
CAPACITY (N/Nm)	300N	300N	300N	60Nm	60Nm	60Nm
OVERLOAD CAPACITY	1500N	1500N	1500N	120Nm	120Nm	120Nm
PEAK-TO-PEAK NOISE = 6.6 X RMS NOISE (EFFECTIVE RESOLUTION) NOISE IS MEASURED AT SAMPLING RATE 2000HZ						
PEAK-TO-PEAK NOISE	0.8N	0.7N	0.8N	0.015Nm	0.015Nm	0.016Nm
EFFECTIVE RESOLUTION	0.12N	0.11N	0.12N	0.002Nm	0.002Nm	0.002Nm

SPECIFICATIONS

POWER SUPPLY (V)	11 TO 25
OVERALL ACCURACY (%F.S.)	1.5
OPERATING TEMP. RANGE (°C)	-20 TO +80
DIGITAL OUTPUT	RS485
SAMPLING RATE (Hz)	2000
FREE AIR RESONANT FREQ. (Hz)	1060
MASS (NOT INCLUDING CABLE)	115±10g

SUNRISE INSTRUMENTS

www.srisensor.com

SIX AXIS CIRCULAR LOAD CELL
D60MM, F300N, RS485 OUTPUT

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN MM

M4313SIA

REV.
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