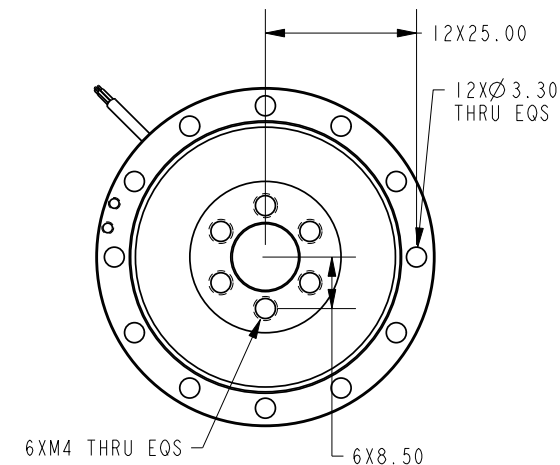
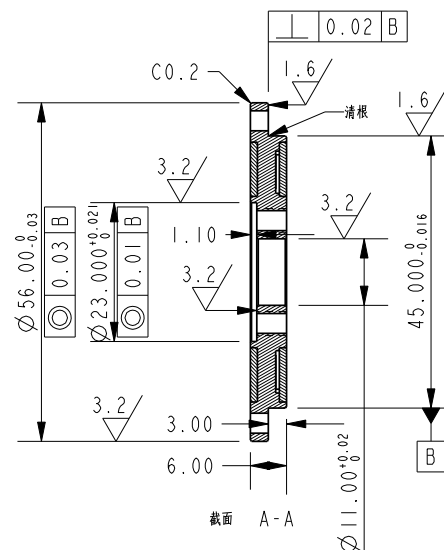
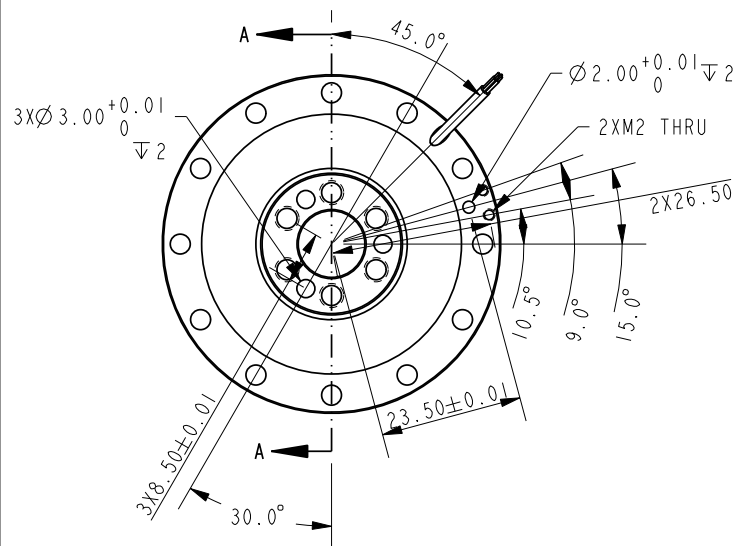
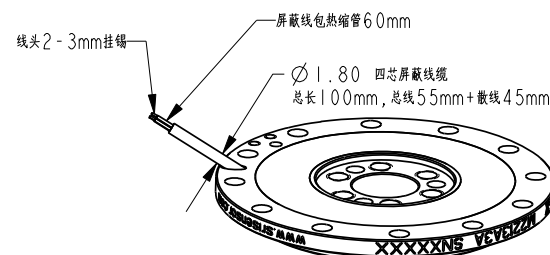




NOTE: THE OVERLOAD CAPACITIES FOR BENDING MOMENT, AXIAL AND RADIAL FORCE EXCEED 300% OF THOSE USED FOR CROSSTALK MEASUREMENT

SPECIFICATIONS

CAPACITY (Nm)	100
OVERLOAD CAPACITY (%F.S.)	250
OUTPUT @ F.S. (mv/V)	1.5±0.2
POWER SUPPLY (V)	3.5-12
BRIDGE RESISTANCE (Ω) NOMINAL	1050
NON-LINEARITY (%F.S.)	0.5
HYSTERESIS (%F.S.)	1.0
OPERATING TEMP. RANGE (°C)	-20 TO +85
CROSSTALK (%F.S.)	1.0
AXIAL FORCE FOR CROSSTALK (N)	200
RADIAL FORCE FOR CROSSTALK (N)	400
BENDING MOMENT FOR CROSSTALK (Nm)	20
BENDING STIFFNESS (KNm/RAD)	23
TORSION ANGLE (CALCULATED)	0.05°
TORSIONAL STIFFNESS (KNm/RAD)	114
MASS (KG)	0.06



TEMPERATURE DRIFT: 0.5% FS PER 10 °C
 FREE AIR RESONANT FREQUENCY: > 1000 HZ
 ZERO SHIFT < 5% FS
 1,000,000 CYCLES, MZ ±120NM PEAK, 2Hz
 FATIGUE LIFE AFTER ZERO ADJUSTMENT
 5,000,000 CYCLES, MZ ±120NM PEAK, 2Hz
 5,000,000 CYCLES, FZ 100N PEAK, 2Hz

DRAWING IN THIRD
 ANGLE PROJECTION

其余 6.3/

WIRING CODE

COLOR	FUNCTION
RED	+EX
GREEN	+SIG
BLACK	GND
WHITE	-SIG

SUNRISE INSTRUMENTS

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ROBOT JOINT TORQUE LOADCELL
 D56MM, 100 Nm

UNLESS OTHERWISE SPECIFIED
 DIMENSIONS ARE IN MM

M2213A3A

REV.
 0.2