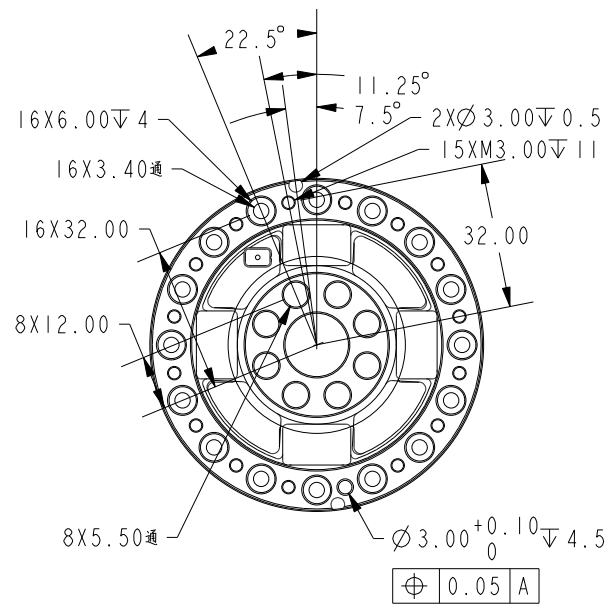
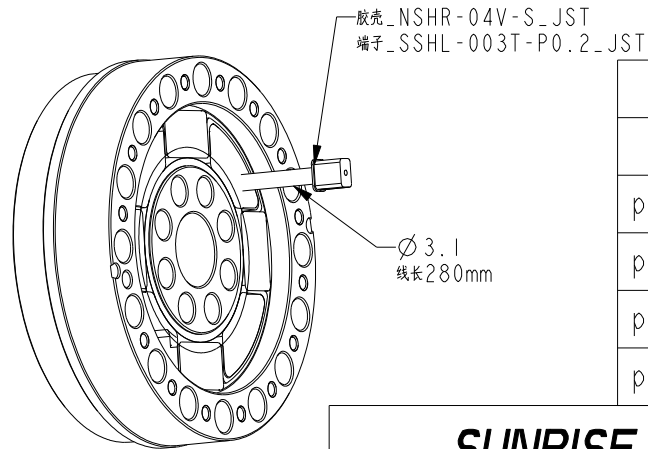
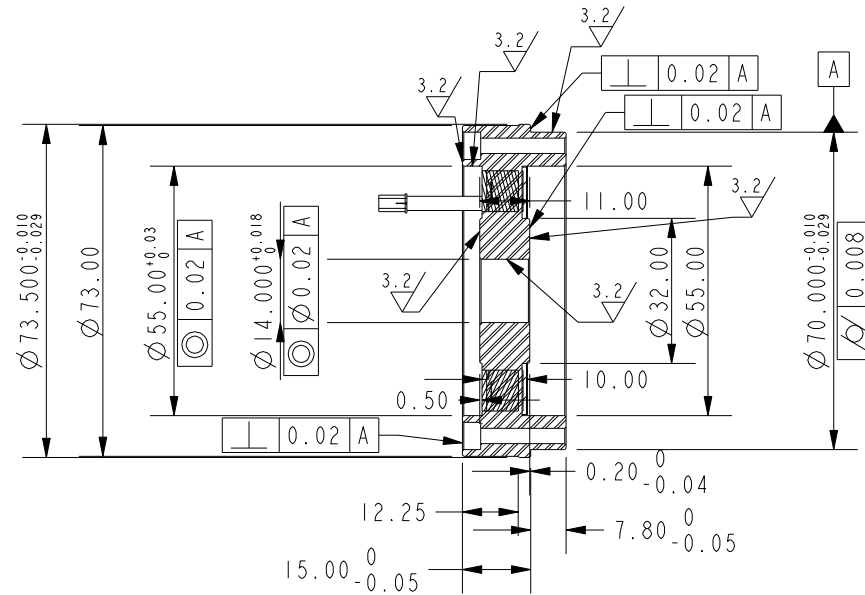




NOTE: THE OVERLOAD CAPACITIES FOR BENDING MOMENT, AXIAL AND RADIAL FORCE EXCEED 300% OF THOSE USED FOR CROSSTALK MEASUREMENT

SPECIFICATIONS

CAPACITY (Nm)	110
OVERLOAD CAPACITY (%F.S.)	300
DIFFERENTIAL OUTPUT @ F.S. (V)	2.5 $\pm$ 2
POWER SUPPLY (V)	5V
BRIDGE RESISTANCE (Ω) NOMINAL	700
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)	220
RADIAL FORCE FOR CROSSTALK (N)	440
BENDING MOMENT FOR CROSSTALK (Nm)	18
TORSION ANGLE (CALCULATED)	0.05°
TORSIONAL STIFFNESS (KNm/RAD)	126
BENDING STIFFNESS (kNm/RAD)	18
MASS (KG)	0.39



Pin Definition

pin #	FUNCTION
pin1	tor in2
pin2	tor in1
pin3	GND
pin4	5V

SUNRISE INSTRUMENTS

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DUAL CHANNEL TORQUE LOADCELL
D73.5MM, 110 Nm

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN MM

M2212Z3

REV.
0.1