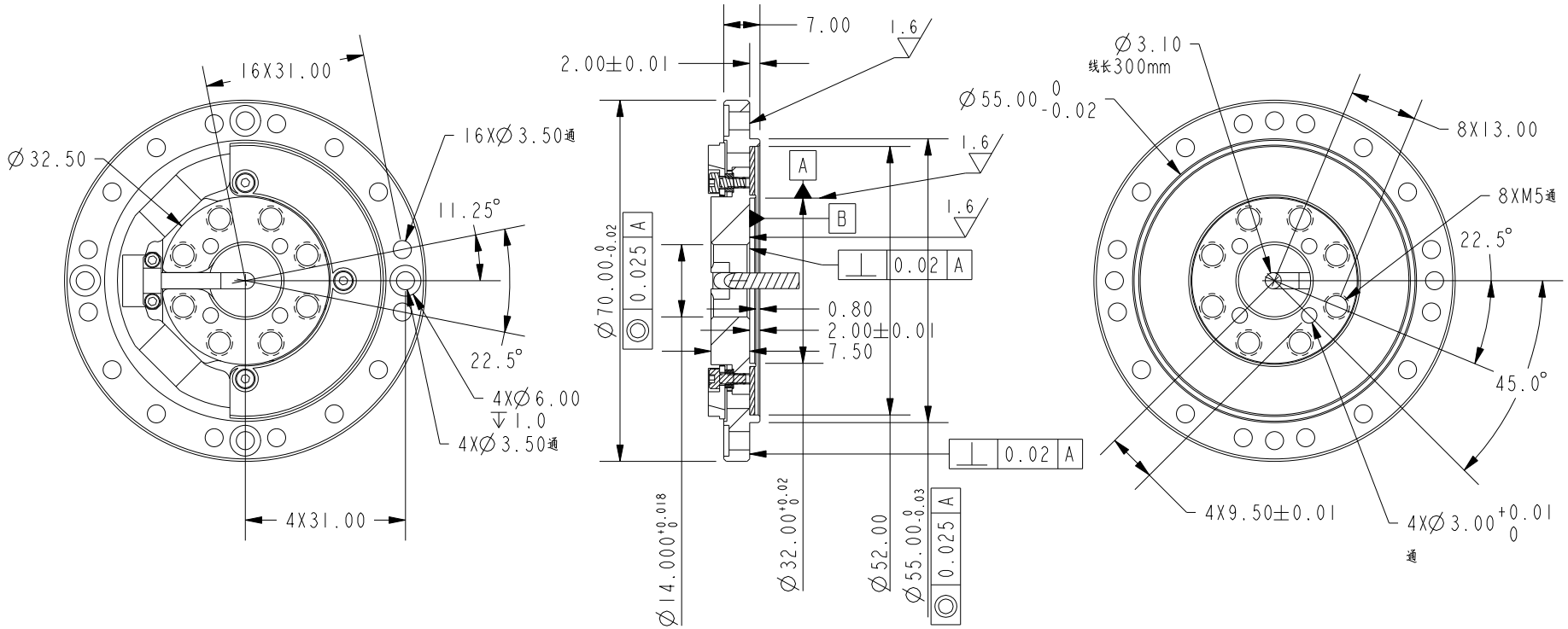

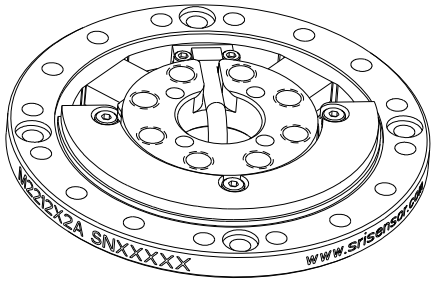

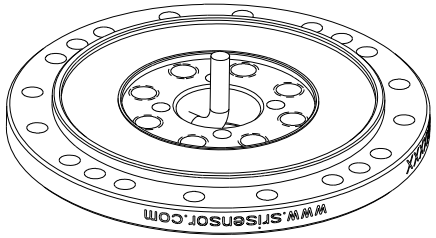

SPECIFICATIONS	
CAPACITY (Nm)	110
OVERLOAD CAPACITY (%F.S.)	300
DIGITAL OUTPUT	RS-485
POWER SUPPLY (V)	24V
BRIDGE RESISTANCE (Ω) NOMINAL	350
NON-LINEARITY (%F.S.)	0.5
HYSTERESIS (%F.S.)	0.5
OPERATING TEMP. RANGE (°C)	-20 TO +85
CROSSTALK (%F.S.)	1.0
AXIAL FORCE FOR CROSSTALK (N)	220
RADIAL FORCE FOR CROSSTALK (N)	440
BENDING MOMENT FOR CROSSTALK (Nm)	16
TORSION ANGLE (CALCULATED)	0.05°
TORSIONAL STIFFNESS (KNm/RAD)	126
BENDING STIFFNESS (KNm/RAD)	17
MASS (KG)	0.13

SUNRISE INSTRUMENTS

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ROBOT JOINT TORQUE LOADCELL
D70MM, 110 Nm, RS-485 OUTPUT

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM	M2212XA	REV. A