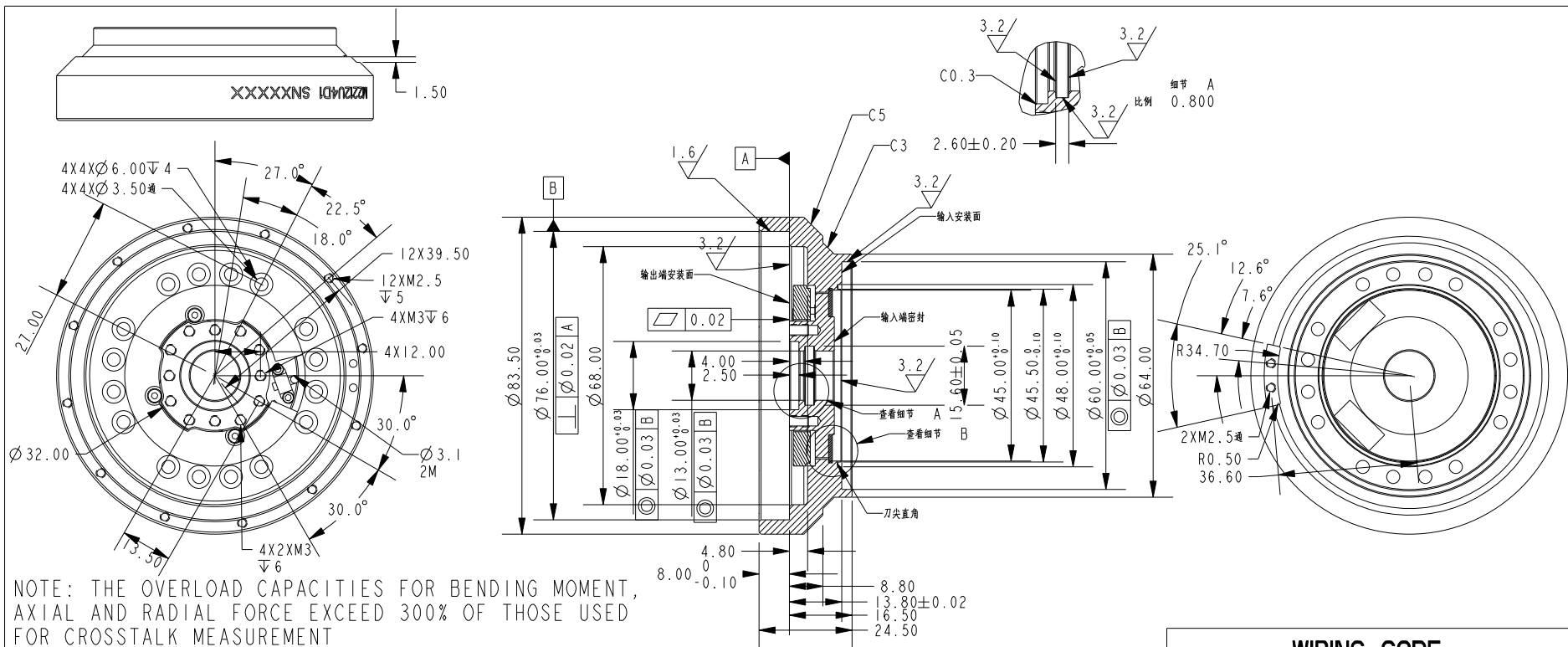
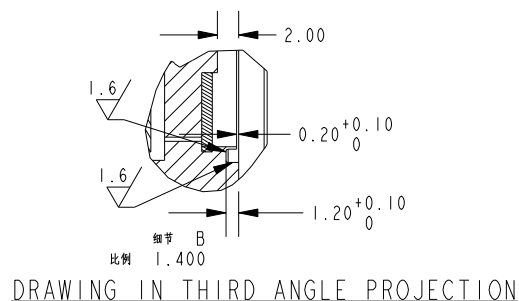




SPECIFICATIONS

CAPACITY (Nm)	50
OVERLOAD CAPACITY (%F.S.)	300
DIGITAL OUTPUT	RS485
POWER SUPPLY (V)	5±0.1V, 250MA
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)	100
RADIAL FORCE FOR CROSSTALK (N)	200
BENDING MOMENT FOR CROSSTALK (Nm)	7
TORSION ANGLE (CALCULATED)	0.04°
TORSIONAL STIFFNESS (KNm/RAD)	71
BENDING STIFFNESS (KNm/RAD)	8
MASS (KG)	0.17



WIRING CODE

COLOR	FUNCTION
RED	+EX
GREEN	RS485-A
BLACK	GND
BROWN	RS485-B

SUNRISE INSTRUMENTS

www.srisensor.com

SINGLE AXIS TORQUE LOADCELL
D83.5MM, 50 Nm

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN MM

M2212U4DI

REV.
0.1