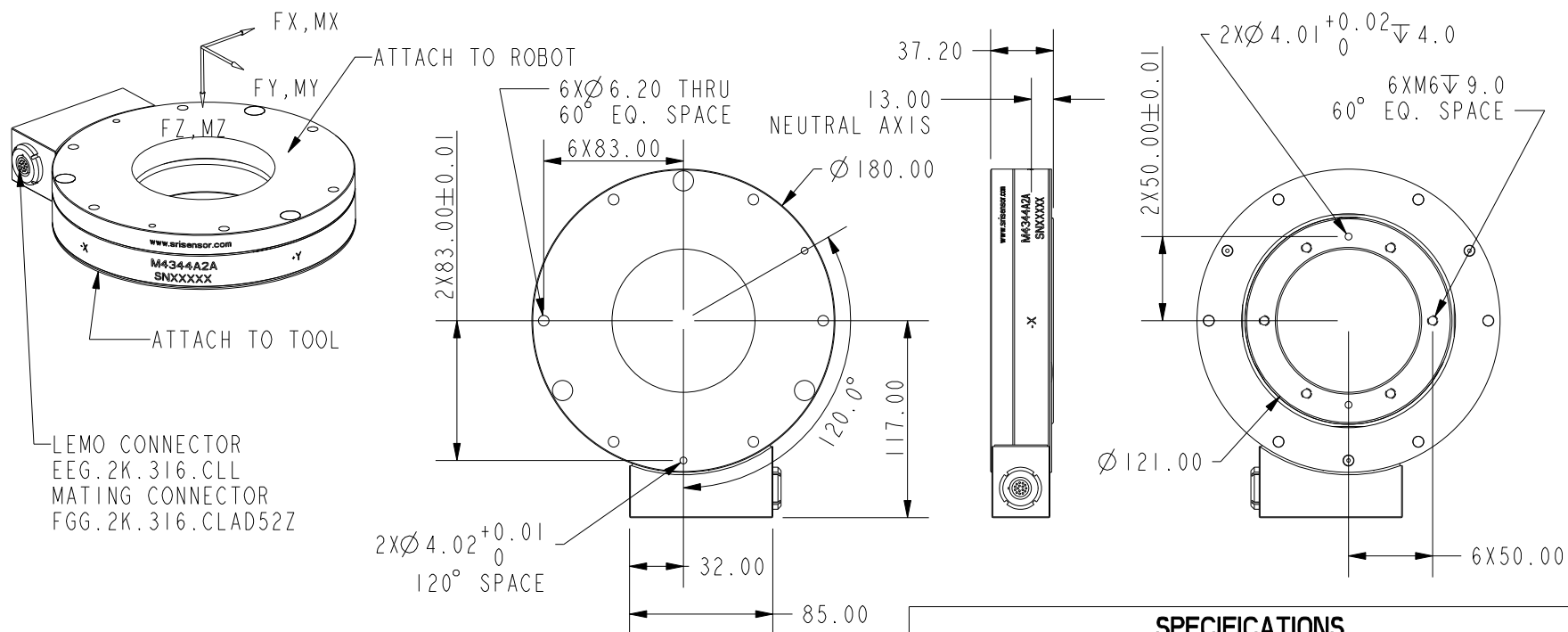




POSITIVE OUTPUT WHEN THE LOAD IS APPLIED TO THE TOOL SIDE
PER COORDINATE SYSTEM AS SHOWN

THE OUTPUTS ARE NOT STRUCTURALLY DECOUPLED
A 6X6 DECOUPLED MATRIX IS PROVIDED TO OBTAIN EACH COMPONENT

	Fx	Fy	Fz	Mx	My	Mz
CAPACITY (N/Nm)	200N	200N	200N	30Nm	30Nm	30Nm
OUTPUT (V)	1.5V	1.5V	1.5V	1.5V	1.5V	1.5V

DIFFERENTIAL OUTPUT, COMMON MODE AT 0V

LEMO PIN ASSIGNMENT

PIN #	FUNCTION	PIN #	FUNCTION	PIN #	FUNCTION
1 & 2	GND	7	+FY	12	-MX
3	+24V	8	-FY	13	+MY
4	NA	9	+FZ	14	-MY
5	+FX	10	-FZ	15	+MZ
6	-FX	11	+MX	16	-MZ

SPECIFICATIONS

POWER SUPPLY (V)	+24V
OVERLOAD CAPACITY (%F.S.)	300
FREE AIR RESONANT FREQ. (HZ.)	1800
CROSSTALK (%F.S.)	3.0
NON-LINEARITY (%F.S.)	0.5
HYSTERESIS (%F.S.)	0.5
OPERATING TEMP. RANGE (°C)	-40 TO +100
COMPENSATED TEMP. RANGE (°C)	10 TO 70
MASS (KG)	1.6

SUNRISE INSTRUMENTS

www.srisensor.com

SIX AXIS CIRCULAR LOAD CELL, COUPLED
D180MM F200N

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN MM

M4344A2A

REV.
A