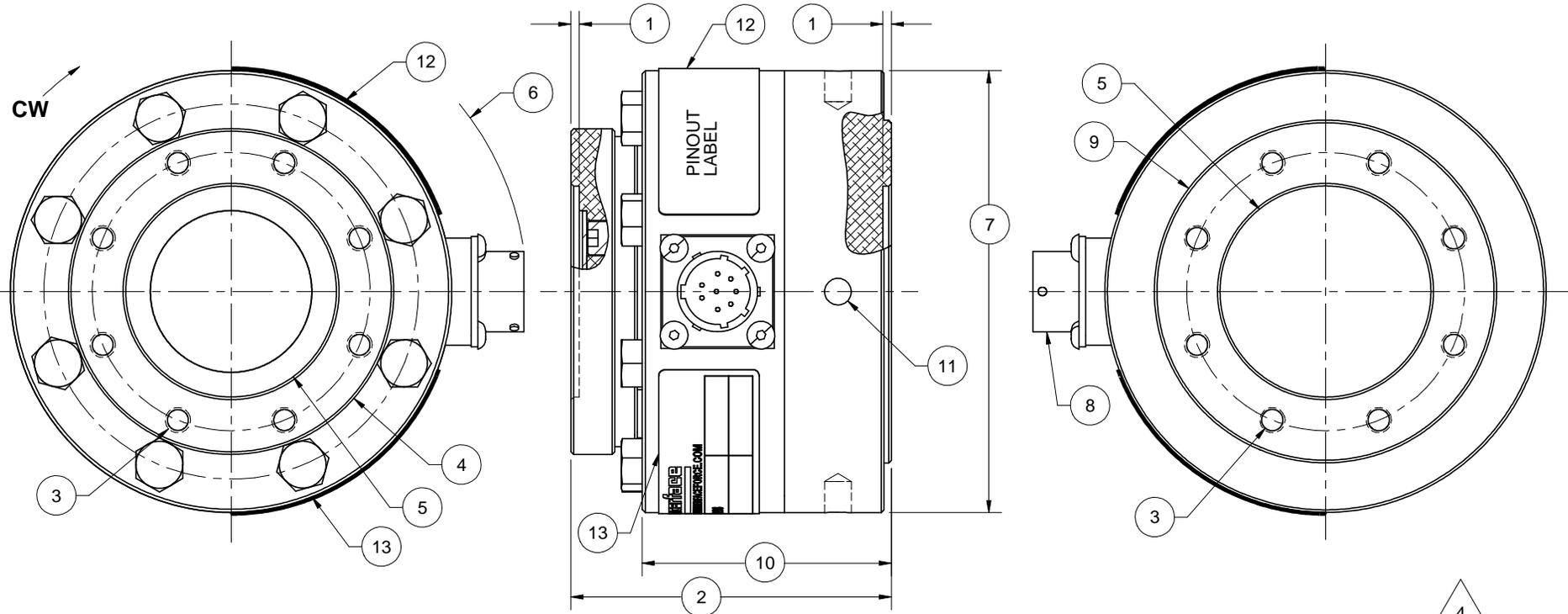


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81120

REVISIONS

REV	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	10/25/11	<i>me</i>



FLEXURE BASE

#	LOAD CELL CHARACTERISTICS	CAPACITIES (kN) / (Nm)
1	PILOT DEPTH	2.0
2	OVERALL HEIGHT	76.2
3	MOUNTING THREAD AND BOLT CIRCLE	M6 X 1-6H $\sqrt{10.9}$, ON A 66.00 B.C.
4	FLANGE DIAMETER	$\varnothing 77.2$
5	PILOT DIAMETER	$\varnothing 50.00 + 0.05 / - 0.00$
6	ROTATIONAL CLEARANCE	R 71.0 MIN.
7	OUTSIDE DIAMETER	$\varnothing 104.7$
8	CONNECTOR TYPE	PT02E-12-8P
9	OUTER RING DIAMETER, BASE	$\varnothing 81.3$
10	BOTTOM TO SHOULDER	59.2
11	(4) SPANNER HOLES SPACED AT 90°	$\varnothing 6.4 \sqrt{7.4}$
12	PINOUT LABEL	
13	IDENTIFICATION LABEL INCLUDING: MODEL, CAPACITY, SERIAL NUMBER & OUTPUT	

4. PINS A THRU D: BRIDGE A (AXIAL)
PINS E THRU H: BRIDGE B (TORSION).
3. PAINT BLACK.
2. DIMENSIONAL TOLERANCE: ± 0.3 .
1. DIMENSIONS IN mm.

CONNECTOR PINOUT	
PIN	FUNCTION
A, E	+ EXCITATION
B, F	+ SIGNAL
C, G	- SIGNAL
D, H	- EXCITATION

"A" TENSION UPSCALE
"B" CLOCKWISE UPSCALE

REMOVE BURRS AND SHARP EDGES .02 MAX SURFACE FINISH 63 MICROINCHES	
CREATOR	DATE
DESIGNED: KEN	10/19/11
DETAILED: RLP	10/19/11
CAM DATA:	

interface
ADVANCED FORCE MEASUREMENT
7401 E. BUTHERUS DR. SCOTTSDALE, AZ USA 85260

TITLE:
**OUTLINE MODEL,
1216EFZ-1.11 & 2.22 KN**

SIZE DWG. NO: **81120** REV: **A**

SCALE: 1:1.5 SHEET 1 OF 1