LOAD CELL CHARACTERISTICS			
		US CAPACITIES	SI CAPACITIES
#	CAPACITY	500K, 1000K, 1300K (lbf)	2.25, 4.50, 5.78 (MN)
1	FLEXURE THREAD, DEPTH & COUNTERBORE	6.00-8 UN-3B ↧5.63 ⌴ ⌀6.03 ↧0.20	M150 X 4-4H ↧ 143.0 ⌴ ⌀151.1 ↧5.1
2	BASE THREAD, DEPTH & COUNTERBORE	6.00-8 UN-3B ↧6.38 ⌴ ⌀6.03 ↧0.19	M150 X 4-4H ↧ 162.0 ⌴ ⌀151.1 ↧4.8
3	LIFTING THREADS	.750-10 UNC-2B ↧ .88	M24 X 3.0-6H ↧ 1.00

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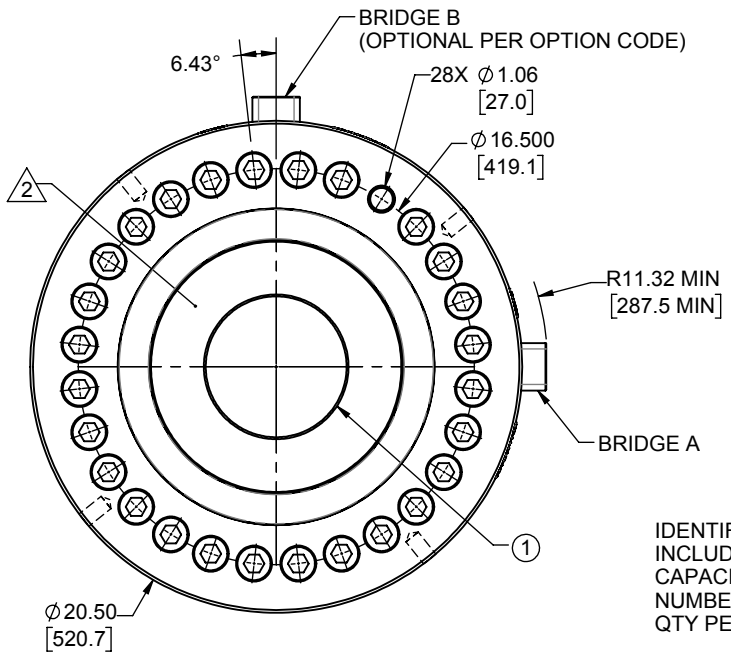
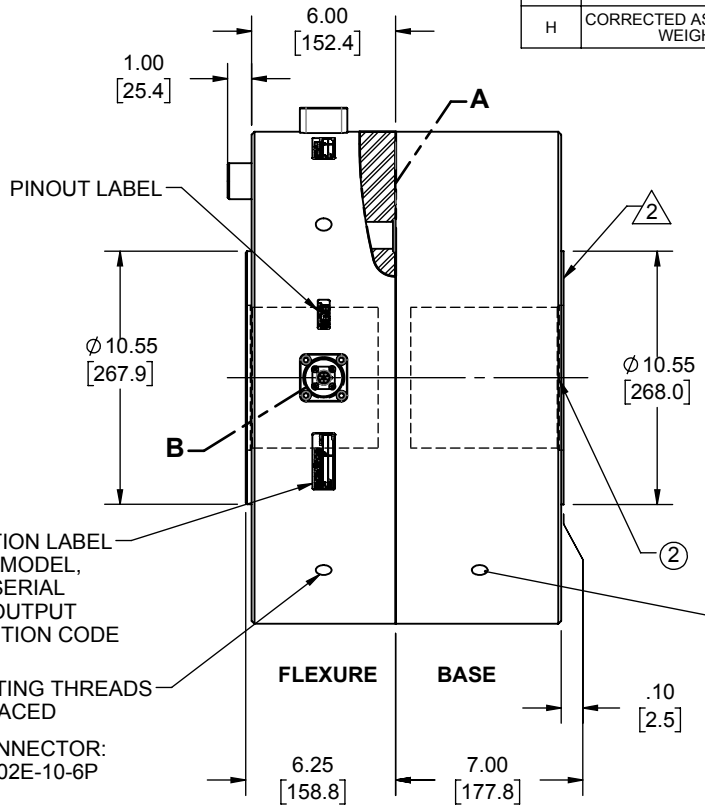
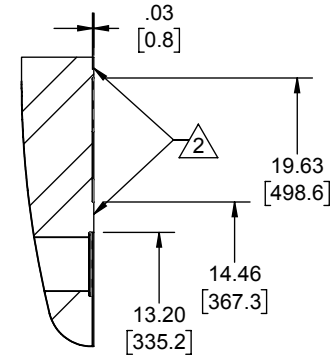
80415

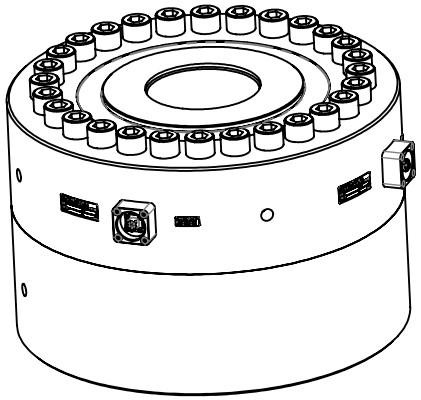
REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	10/21/03	
B	DIF LIFT HOLES & CONNEC PRTCTR	12/21/07	
C	REDRAW IN SWORKS, CORRECTED SPECS	6/29/11	
D	METRIC THREAD DEPTH 143.0 WAS 130.0	5/15/14	Me
E	UPDATED TO CURRENT STANDARDS	09/30/2016	DLC
F	ADDED 1300K & 5.78kN CAPACITIES	11/22/2016	DLC
G	ADDED PINOUT LABEL; (MN) CAP. WAS (kN)	7/17/2017	AL
H	CORRECTED ASSEMBLED WEIGHT, ADDED WEIGHT WITHOUT BASE	08/08/2018	AL

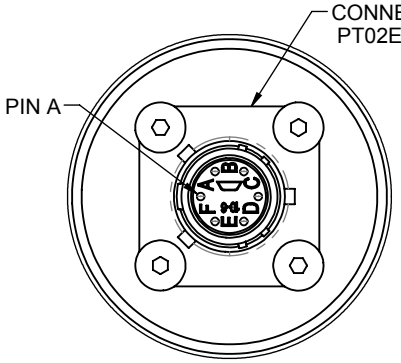






DETAIL A
SCALE 1 : 4





DETAIL B
SCALE 1 : 1

CONNECTOR PINOUT	
PIN	FUNCTION
A	+ EXCITATION
B	+ SIGNAL
C	- SIGNAL
D	- EXCITATION
E	N/C
F	N/C
TENSION UPSCALE	

3. PAINT INTERFACE BLUE.
2. NO PAINT.
1. BASE IS OPTIONAL. MODEL NUMBERS ENDING IN (-B) HAVE A BASE INSTALLED.

APPROX WEIGHT (lbs)	
WITH BASE	1062
WITHOUT BASE	423

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES [mm]
TOLERANCES ARE:
ANGLES ± 0° 30'
.XX ± .01 [0.25]
.XXX ± .005 [0.13]

CREATOR	DATE
DESIGNED:	
DETAILED: JEP	03/28/03
WEIGHT: (APPROX) 1062 (lbs)	

interface
FORCE MEASUREMENT SOLUTIONS.
7418 E. HELM DRIVE
SCOTTSDALE, AZ 85260 USA

TITLE:
OUTLINE MODEL:
1080, 1280

SIZE: A | DWG. NO: 80415 | REV: H

SCALE: 1:8 | SHEET 1 OF 1

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