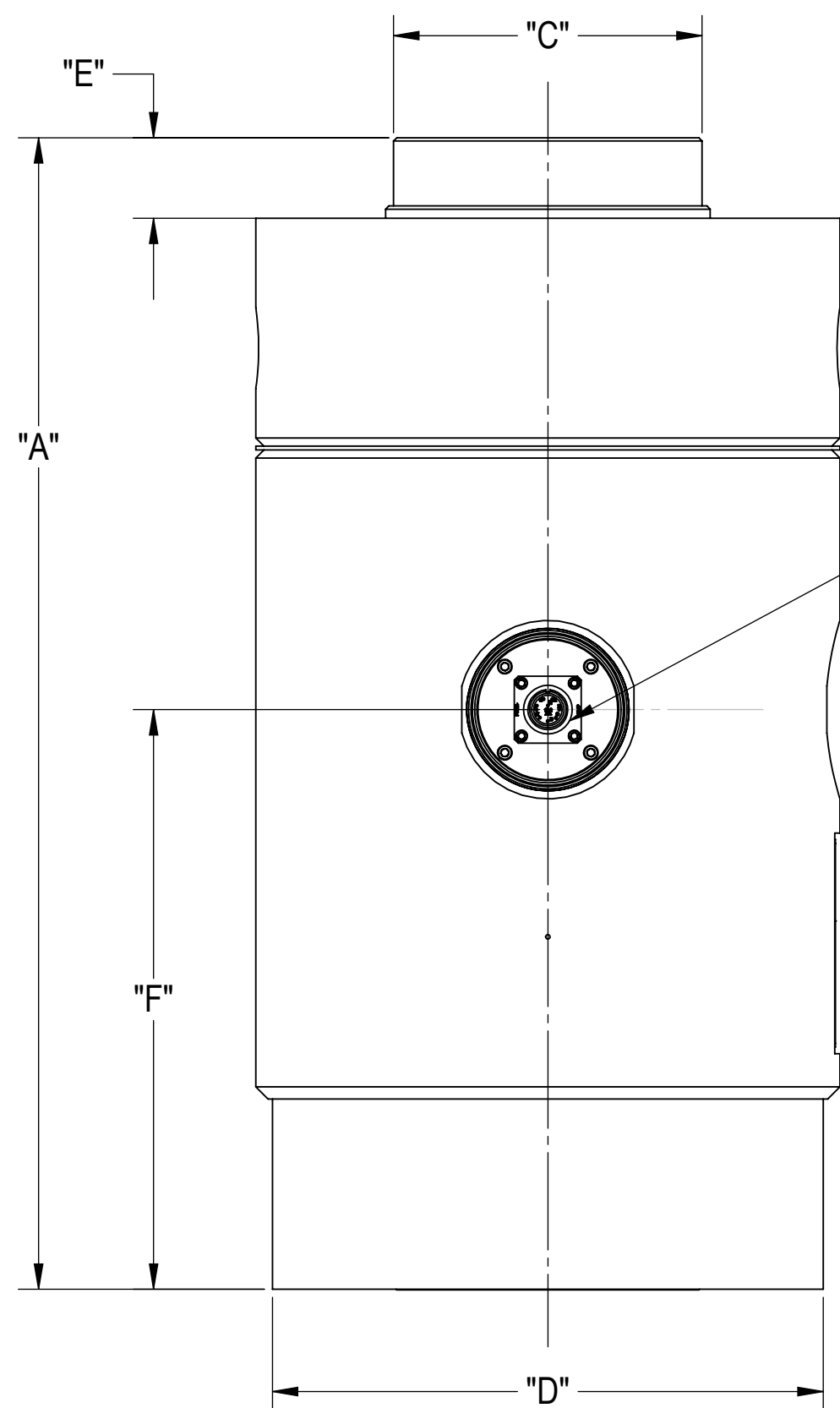
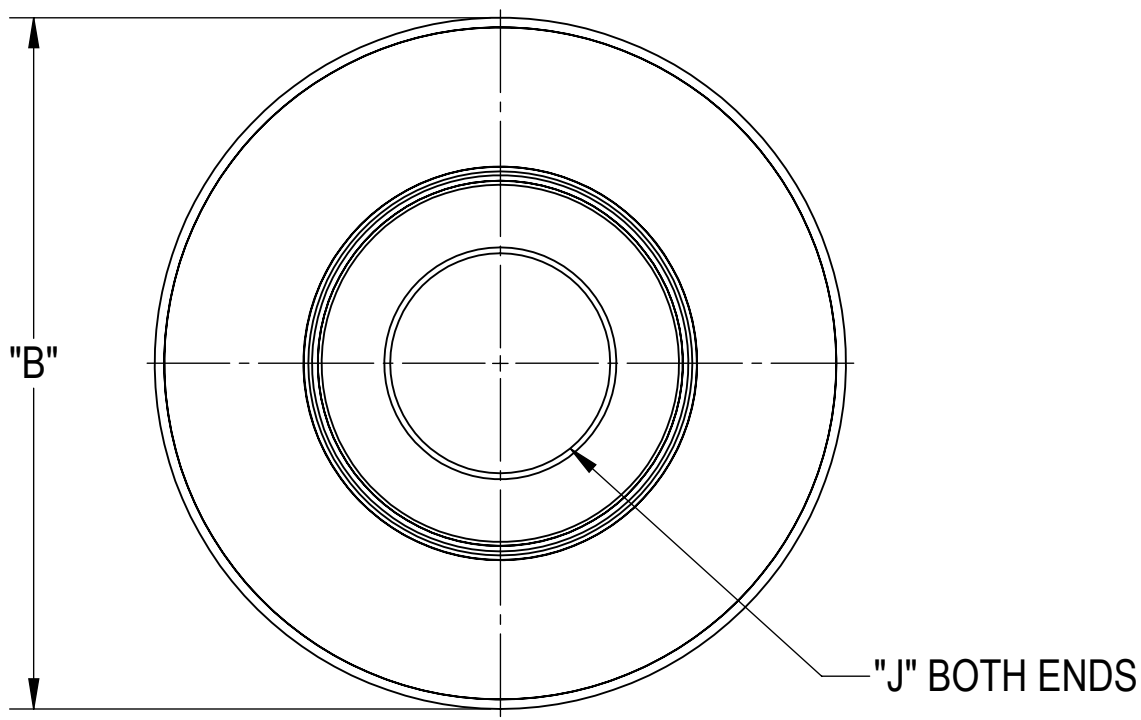


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REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	02/01/16	LCG
B	SHEET 2 ADDED WEIGHT FOR MODELS 2070 (650) & 2080 (1125)	03/08/2017	DLC



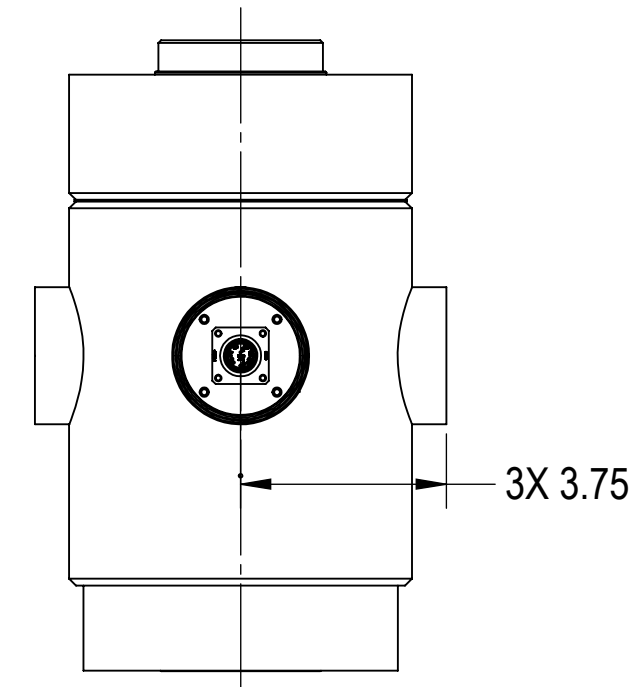
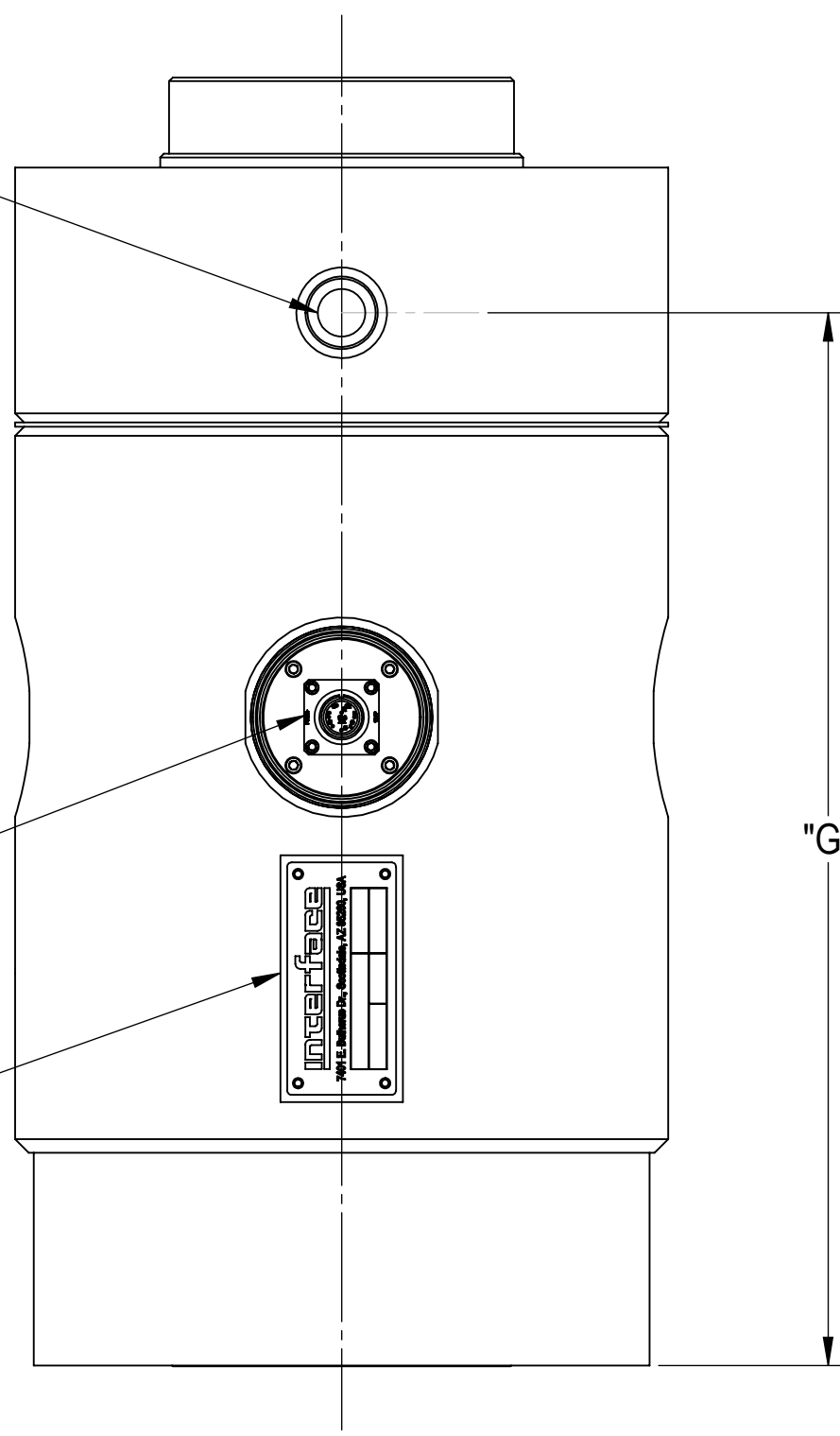
LOAD CELL DIMENSIONS

2X "H" FOR LIFTING

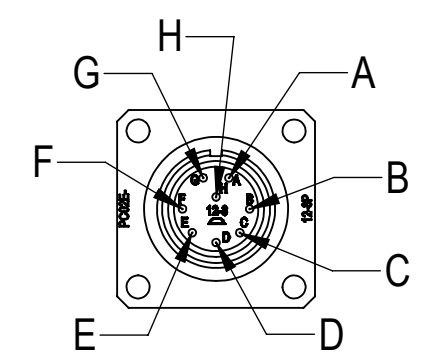
PC02E-12-8P CONNECTOR
BRIDGE A THIS SIDE
BRIDGE C OPPOSITE SIDE
(DUST CAPS NOT SHOWN)

BRIDGE B

DATA LABEL:
MODEL
SERIAL NUMBER
CAPACITY
BRIDGE RESISTANCE
OUTPUT
(OPPOSITE SIDE 50K ONLY)



50K ONLY



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2. DIMENSIONAL TOLERANCE: ±0.01 1. ALL DIMENSIONS ARE IN INCHES.		Interface ADVANCED FORCE MEASUREMENT 7401 E. BUTHERUS DR. SCOTTSDALE, AZ USA 85260	
CREATOR	DATE	TITLE:	
LARRY B.	06/19/15	OUTLINE, MODEL COLUMN RING LOAD CELL	
DESIGNED:	DATE	SIZE: DWG. NO:	REV
JAS	06/19/2015	C 81493	B
		SCALE: 1:2.5	SHEET 1 OF 2

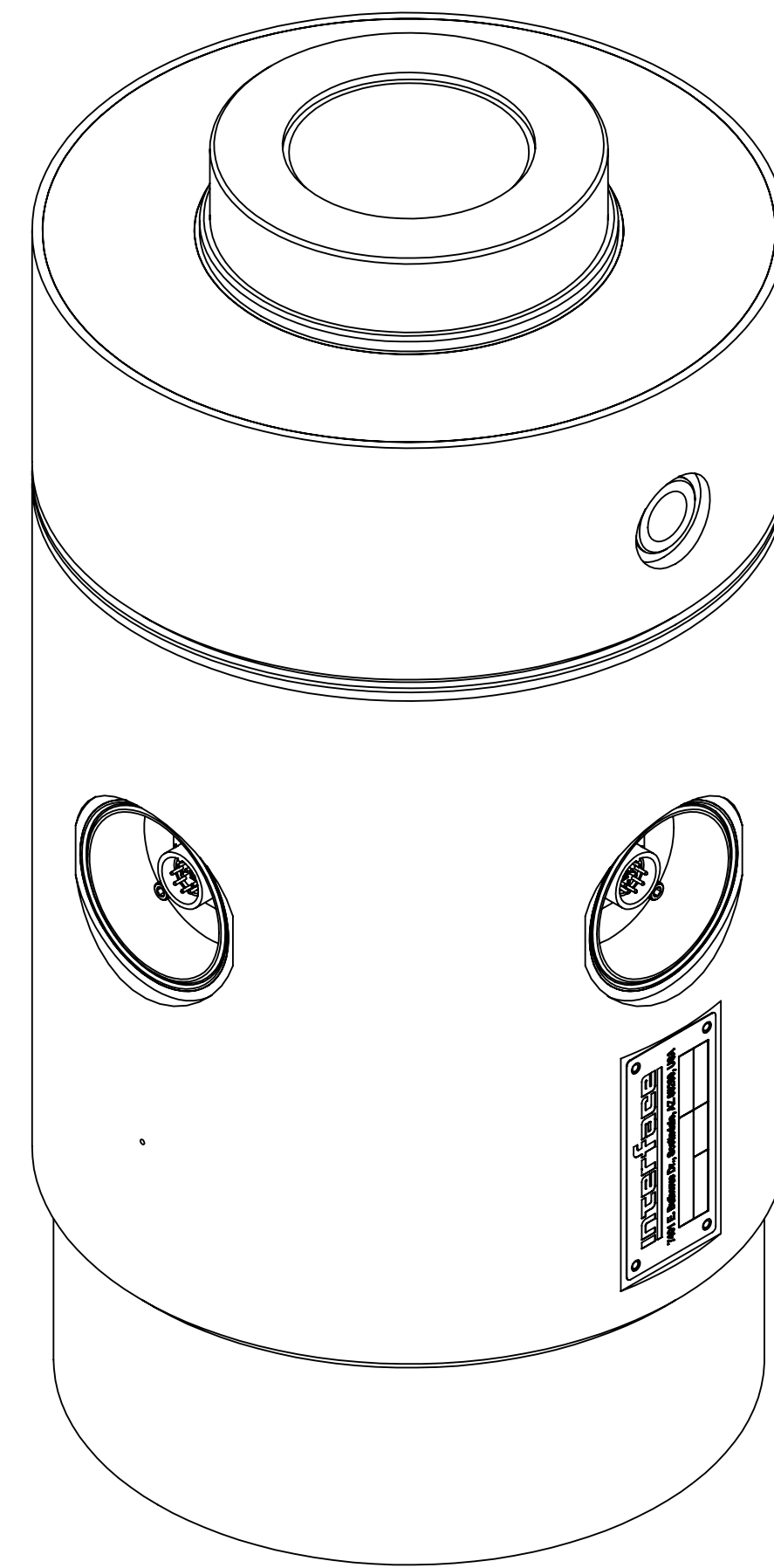
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REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
-	See Sheet1	-	-

LOAD CELL SPECIFICATIONS

Parameter	Units		2030	2040	2050	2060	2070	2080	2090
Model			2030	2040	2050	2060	2070	2080	2090
Standard Capacities	lbf		50K	100K	150K	200K,300K	500K	750K	1000K
Rated Output, Tension	mV/V FS	Min	3.00						
Symmetry Error	% RO	Max							
Nonlinearity	% FS	Max	+/- 0.05						
Hysteresis	% FS	Max	+/- 0.02						
Static Error Band	% FS	Max							
Nonrepeatability	% RO	Max	+/- 0.02						
Temperature Range:									
Compensated	Degrees F (C)		32 to 131 (0 to 55)						
Operating	Degrees F (C)		32 to 275 (0 to 135)						
Temp Effect on Zero	% RO / 104F°	Max	+/- 0.07						
Temp Effect on Output	% / 104F°	Max	+/- 0.07						
Creep, 20 minutes	%	Max	+/- 0.025						
Input Resistance	ohms		350 +/- 3.5						
Output Resistance	ohms		350 +/- 3.5						
Insulation Resistance	Megohm	Min	5000						
Zero Balance	% RO	Max	+/- 1.0						
Side Load Sensitivity	%	Max							
Eccentric Load Sensitivity	% / inch	Max							
Overload Ratings:									
Safe, axial load	% Capacity	Max	+/- 150						
Ultimate, axial load	% Capacity	Max	+/- 300						
Safe, side load	% Capacity	Max							
Safe, load axis moment	% Cap x 1 inch	Max							
Deflection at capacity	inch	Nom							
Natural Frequency	kHz	Nom							
Excitation, nominal	VDC	Nom	10						
Excitation, maximum	VDC or VAC	Max	20						
Weight	lb	Nom	50	150		250	650	1125	1450
Flexure Material			Steel						



CREATOR		DATE		interface <small>ADVANCED FORCE MEASUREMENT</small> 7401 E. BÜTHERUS DR. SCOTTSDALE, AZ USA 85260	
DESIGNED:		DATE			
LARRY B.		06/19/15		OUTLINE, MODEL COLUMN RING LOAD CELL	
DETAILED:		DATE			
JAS		06/19/2015		SIZE: DWG. NO: C 81493	
				REV B	
				SCALE: 1:2 SHEET 2 OF 2	