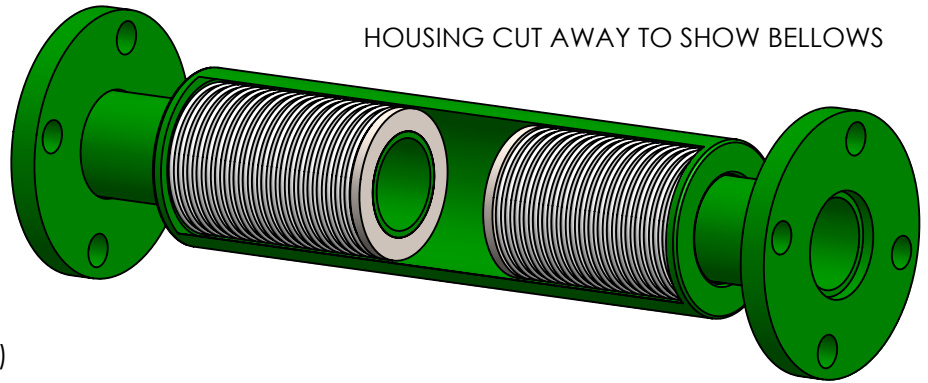


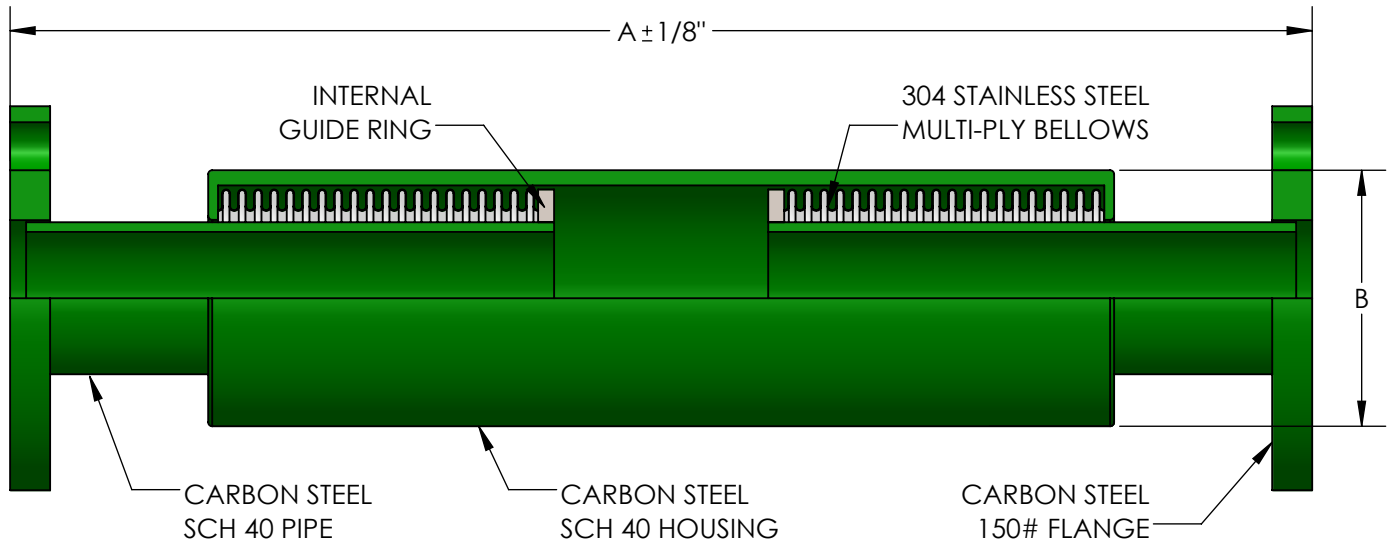
**MODEL HPFD4
DUAL HIGH PRESSURE
EXTERNALLY PRESSURIZED
EXPANSION COMPENSATOR**

HOUSING CUT AWAY TO SHOW BELLOWS



DESIGN DATA

TEMPERATURE: 500°F (260°C)
 PRESSURE: 175 PSI (1206 kPa)
 TEST PRESSURE: 250 PSI (1809 kPa)
 AXIAL COMPRESSION: 4" (100mm)
 AXIAL EXTENSION: 1" (25mm)



THIS EXPANSION JOINT IS DESIGNED FOR AXIAL MOVEMENT ONLY. PIPE MUST BE PROPERLY GUIDED AND ANCHORED PER THE RECOMMENDATIONS OF THE EXPANSION JOINT MANUFACTURERS ASSOCIATION.

QTY	PART NUMBER	PIPE SIZE		A	B	EFFECTIVE AREA (in ²)	SPRING RATE (lb/in)	WEIGHT	PROJECT INFORMATION
		INCH	MM						
	HPFD40075	3/4"	20	24-1/8"	2-3/8"	1.5	41	10	
	HPFD40100	1"	25	24-1/8"	2-1/2"	2.1	44	16	
	HPFD40125	1-1/4"	32	23-5/8"	3"	3.3	38	23	
	HPFD40150	1-1/2"	38	24-1/8"	3-1/2"	4.3	61	26	
	HPFD40200	2"	50	23-5/8"	4"	6.3	72	29	
	HPFD40250	2-1/2"	65	23-5/8"	5"	8.8	94	45	
	HPFD40300	3"	80	24-7/8"	5-1/2"	13.1	115	61	
	HPFD40400	4"	100	25-3/8"	6-5/8"	20.8	242	72	

NSF 372 - LEAD FREE

The wetted surface of this product contacted by consumable water contains less than one quarter of one percent (0.25%) of lead by weight. Material complies with state codes and standards, where applicable, requiring reduced lead content. Not suitable for potable water systems due to materials of construction.

CUSTOMER: _____

PROJECT: _____

ENGINEER: _____

REV. 1	TEMP TO 500F	DATE 6/1/2021
		2323 W. HUBBARD ST. CHICAGO, IL 60612 TEL: 312-738-3800 FAX: 312-738-0415 WWW.METRAFLEX.COM
		<p>MODEL HPFD4 DUAL HIGH PRESSURE EXPANSION COMPENSATOR</p>
DRAWN BY: DKISH		DATE: 9/3/2015
APPROVED: JC		DATE: 9/3/2015
SCALE: N/A	DRAWING NUMBER: HPFD4	