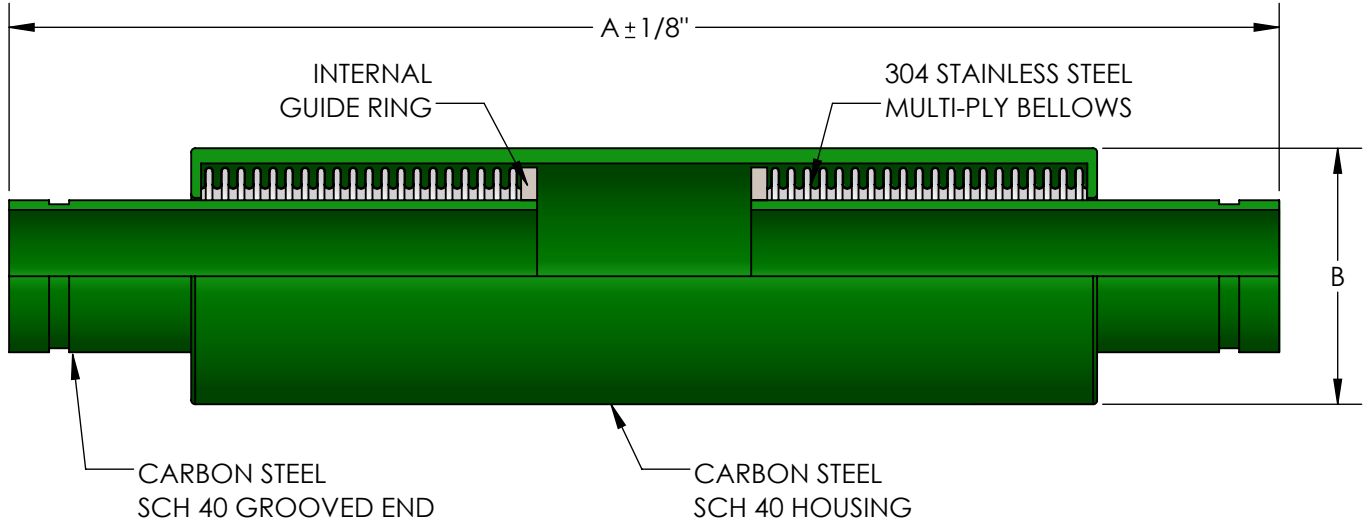
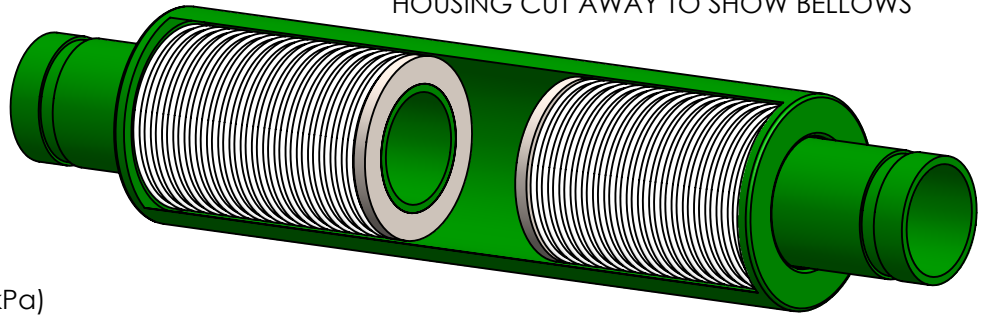


**MODEL HPGD4**  
**DUAL HIGH PRESSURE**  
**EXTERNALLY PRESSURIZED**  
**EXPANSION COMPENSATOR**

**DESIGN DATA**

TEMPERATURE: 750° (399°C)  
 PRESSURE: 175 PSI (1206 kPa)  
 TEST PRESSURE: 250 PSI (1809 kPa)  
 AXIAL COMPRESSION: 4" (100mm)  
 AXIAL EXTENSION: 1" (25mm)

HOUSING CUT AWAY TO SHOW BELLOWS



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 <sup>2</sup> )	SPRING RATE (lb/in)	WEIGHT	PROJECT INFORMATION
		INCH	MM						
	HPGD40075	3/4"	20	23-1/2"	2-3/8"	1.5	41	4	
	HPGD40100	1"	25	23-1/2"	2-1/2"	2.1	44	6	
	HPGD40125	1-1/4"	32	23"	3"	3.3	38	6	
	HPGD40150	1-1/2"	38	23-1/2"	3-1/2"	4.3	61	8	
	HPGD40200	2"	50	23"	4"	6.3	72	12	
	HPGD40250	2-1/2"	65	23"	5"	8.8	94	16	
	HPGD40300	3"	80	24-1/4"	5-1/2"	13.1	115	21	
	HPGD40400	4"	100	24-3/4"	6-5/8"	20.8	242	28	


**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.

CUSTOMER: \_\_\_\_\_

PROJECT: \_\_\_\_\_

ENGINEER: \_\_\_\_\_

REV.	DATE
	
2323 W. HUBBARD ST. CHICAGO, IL 60612 TEL: 312-738-3800 FAX: 312-738-0415 WWW.METRAFLEX.COM	
<b>MODEL HPGD4</b> DUAL HIGH PRESSURE EXPANSION COMPENSATOR	
DRAWN BY: <b>DKISH</b>	DATE: <b>9/3/2015</b>
APPROVED: <b>JC</b>	DATE: <b>9/3/2015</b>
SCALE: <b>N/A</b>	DRAWING NUMBER: <b>HPGD4</b>