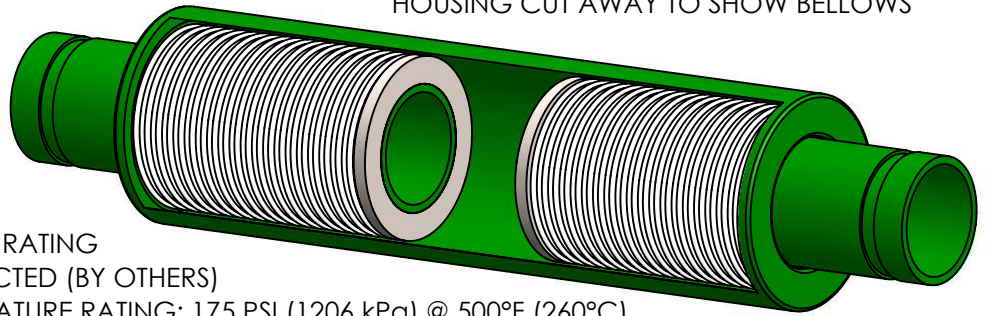


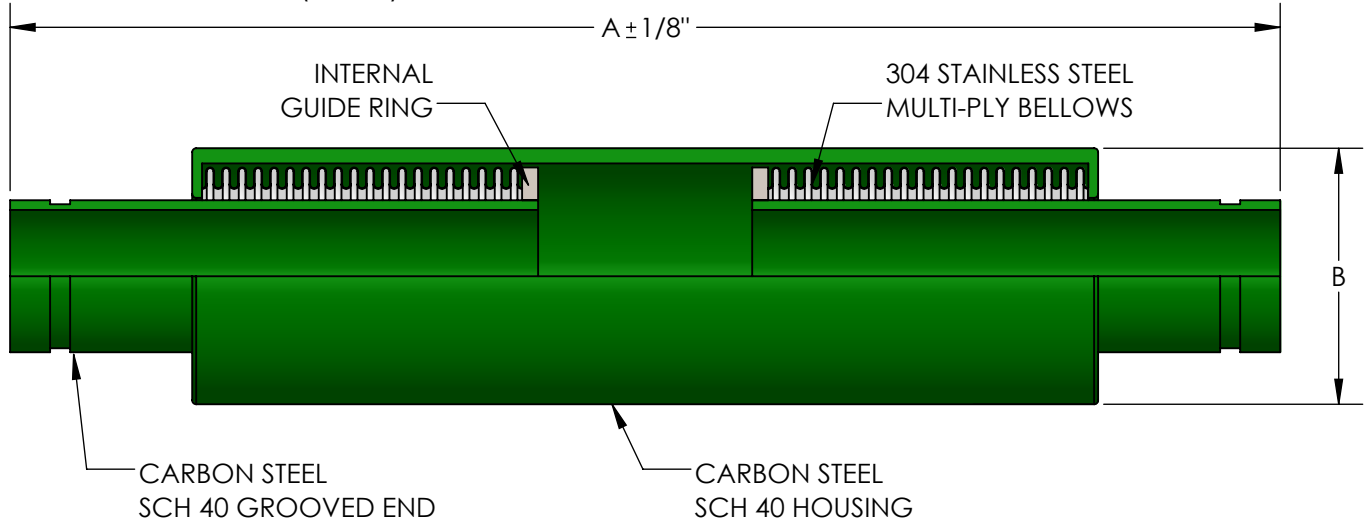
**MODEL HPGD4  
DUAL HIGH PRESSURE  
EXTERNALLY PRESSURIZED  
EXPANSION COMPENSATOR**

HOUSING CUT AWAY TO SHOW BELLOWS



**DESIGN DATA**

PRESSURE AND TEMPERATURE RATING  
DEPENDENT ON GASKET SELECTED (BY OTHERS)  
MAXIMUM PRESSURE/TEMPERATURE RATING: 175 PSI (1206 kPa) @ 500°F (260°C)  
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 <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. 1	PRESSURE/TEMP UPDATE	DATE 6/2/2021
		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: N/A	DRAWING NUMBER: <b>HPGD4</b>	