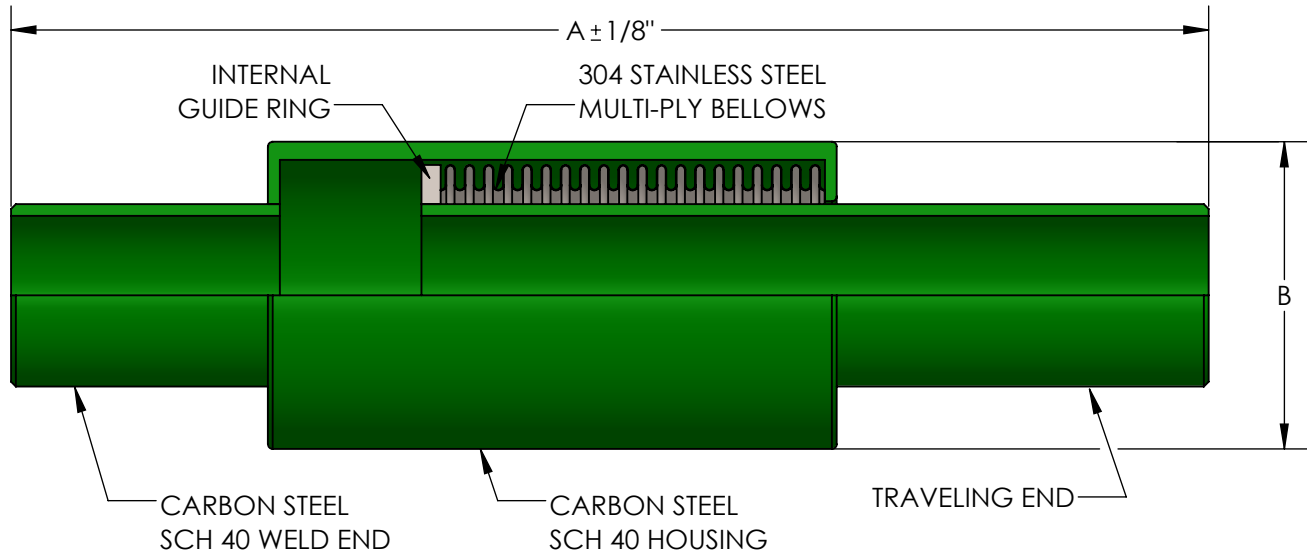
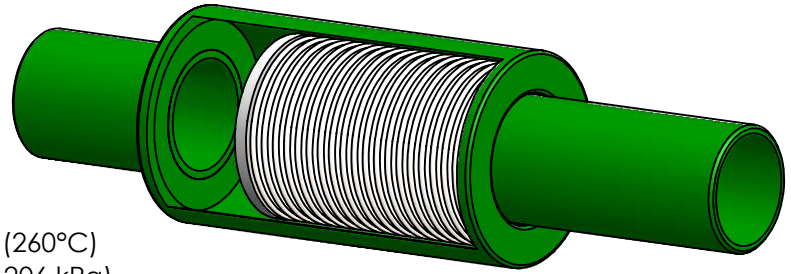


**MODEL HPW2
HIGH PRESSURE
EXTERNALLY PRESSURIZED
EXPANSION COMPENSATOR**

DESIGN DATA

COMFORMS TO MIL-DTL-17813H
 MAXIMUM WORKING TEMPERATURE: 500° (260°C)
 MAXIMUM WORKING PRESSURE: 175 PSI (1206 kPa)
 MAXIMUM TEST PRESSURE: 250 PSI (1809 kPa) @ 70°F
 AXIAL COMPRESSION: 2" (50mm)
 AXIAL EXTENSION: 1/2" (13mm)

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 ²)	SPRING RATE (lb/in)	WEIGHT	PROJECT INFORMATION
		INCH	MM						
	HPW20075	3/4"	20	12-3/4"	3"	1.5	81	3	
	HPW20100	1"	25	13-1/4"	3"	2.1	88	4	
	HPW20125	1-1/4"	32	13-1/4"	3"	3.3	75	5	
	HPW20150	1-1/2"	38	14-5/8"	3-1/2"	4.3	121	7	
	HPW20200	2"	50	14-5/8"	4"	6.3	143	10	
	HPW20250	2-1/2"	65	16"	5"	8.8	187	14	
	HPW20300	3"	80	16"	5-1/2"	13.1	230	18	
	HPW20400	4"	100	16-3/8"	6-5/8"	20.8	484	25	

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: _____

2	Edit temperature-pressure rating. Add compliance	01/07/2021
REV. 1	Edit B dimension to 3" on lines 1 and 2. DATE: 08/27/2019	
		2323 W. HUBBARD ST. CHICAGO, IL 60612 TEL: 312-738-3800 FAX: 312-738-0415 WWW.METRAFLEX.COM
MODEL HPW2 HIGH PRESSURE EXPANSION COMPENSATOR		
DRAWN BY: DKISH		DATE: 9/3/2015
APPROVED: JC		DATE: 9/3/2015
SCALE: N/A	DRAWING NUMBER: HPW2	