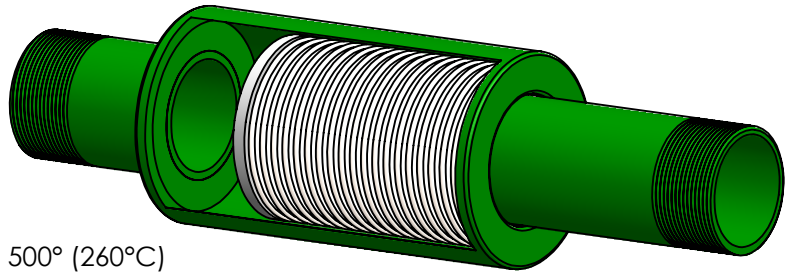


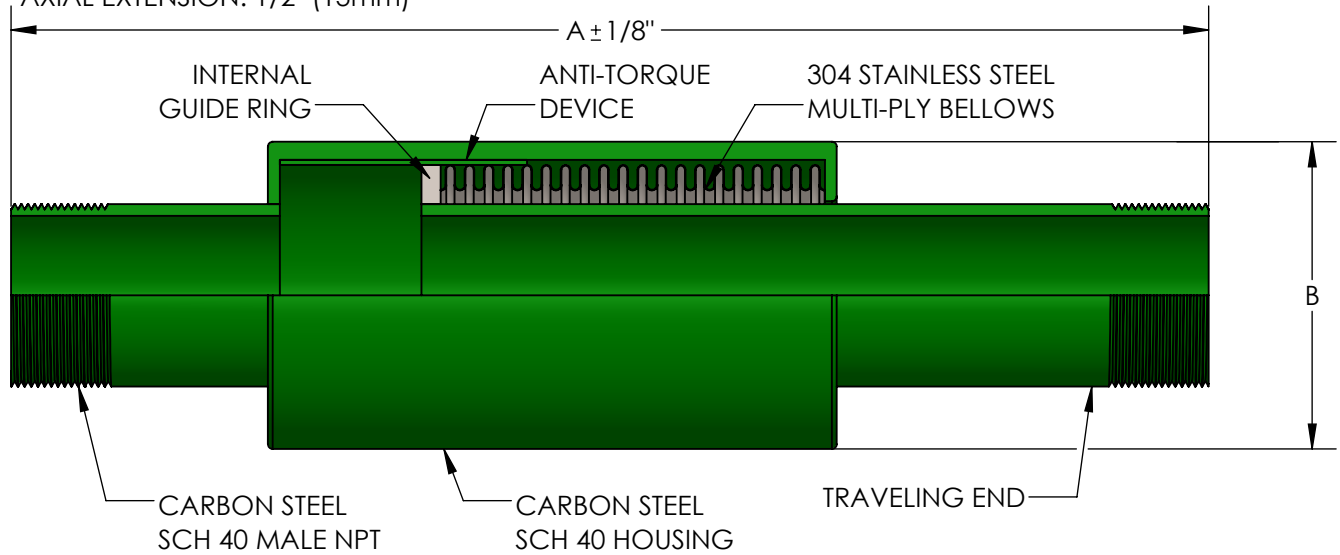
**MODEL HPT3
HIGH PRESSURE
EXTERNALLY PRESSURIZED
EXPANSION COMPENSATOR**

HOUSING CUT AWAY TO SHOW BELLOWS



DESIGN DATA

CONFORMS 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: 3" (80mm)
 AXIAL EXTENSION: 1/2" (13mm)



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						
	HPT30075	3/4"	20	16-1/2"	3"	1.5	58	4	
	HPT30100	1"	25	16-1/2"	3"	2.1	63	6	
	HPT30125	1-1/4"	32	16-1/2"	3"	3.3	52	6	
	HPT30150	1-1/2"	38	17-1/2"	3-1/2"	4.3	82	8	
	HPT30200	2"	50	17-1/2"	4"	6.3	117	12	
	HPT30250	2-1/2"	65	18-3/4"	5"	8.8	132	16	
	HPT30300	3"	80	19-1/4"	5-1/2"	13.1	161	21	
	HPT30400	4"	100	19-1/4"	6-5/8"	20.8	341	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. Not suitable for potable water systems due to materials of construction.

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: 08/28/2019

Metraflex
for pipes in motion

2323 W. HUBBARD ST.
 CHICAGO, IL 60612
 TEL: 312-738-3800
 FAX: 312-738-0415
 WWW.METRAFLEX.COM

MODEL HPT3	
HIGH PRESSURE EXPANSION COMPENSATOR	
DRAWN BY: DKISH	DATE: 9/3/2015
APPROVED: JC	DATE: 9/3/2015
SCALE: N/A	DRAWING NUMBER: HPT3