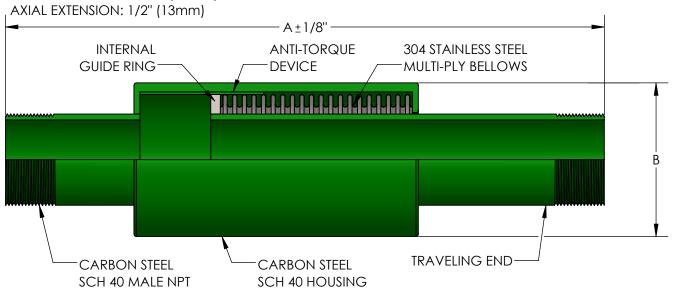
MODEL HPT3 HIGH PRESSURE EXTERNALLY PRESSURIZED EXPANSION COMPENSATOR

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 DESGINED 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		٨	В		SPRING RATE	WEIGHT	PROJECT INFORMATION
		INCH	MM	A	Б	AREA (in²)	(lb/in)	WEIGHT	FROJECT INFORMATION
	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 co	mpliance 01/07/2021
REV. 1	Edit B dimension to 3" on lines	1 and 2. DATE: 08/28/2019
Me for pipes	etraflex.	2323 W. HUBBARD ST. CHICAGO, IL 60612 TEL: 312-738-3800 FAX: 312-738-0415 WWW.METRAFLEX.COM

HOUSING CUT AWAY TO SHOW BELLOWS

MODEL HPT3

HIGH PRESSURE EXPANSION COMPENSATOR

DRAWN BY:	DKISH	DATE: 9/3/2015
APPROVED	:JC	DATE: 9/3/2015
SCALE: N/A	DRAWING NUMB	ER: HPT3
11/7		11 13