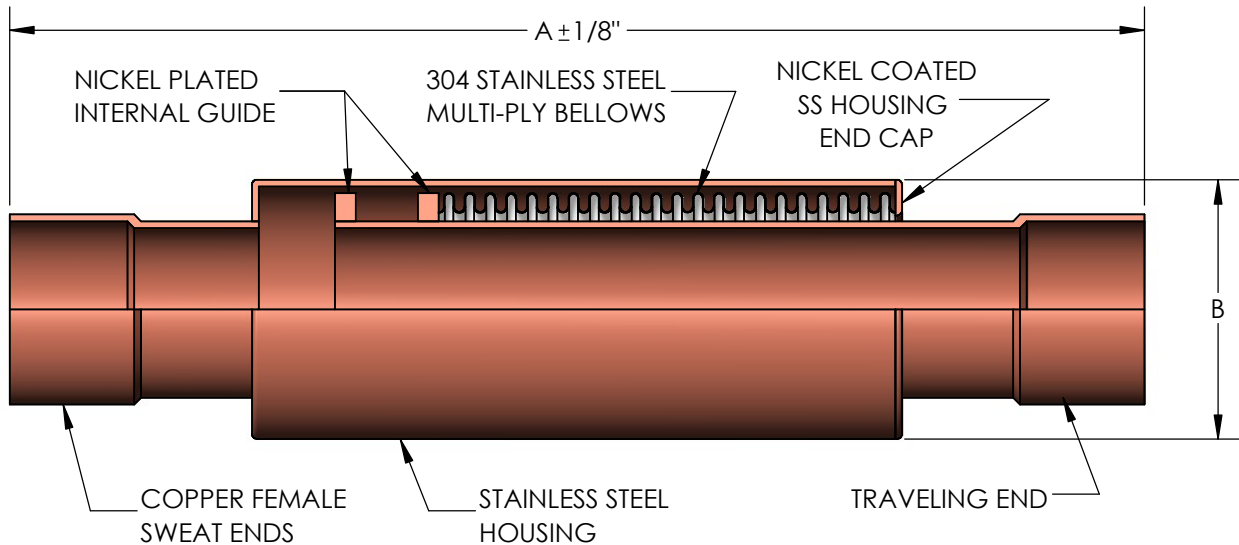
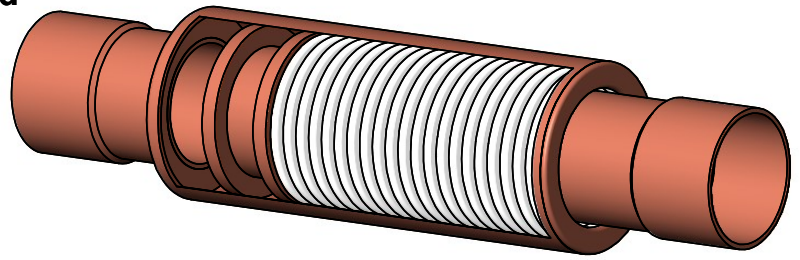


Model HPQFF3
High Pressure Externally Pressurized
Expansion Compensator
For Riser Application

HOUSING CUT AWAY TO SHOW BELLOWS

DESIGN DATA

TEMPERATURE : 400° F (204°C)*
 PRESSURE : 150 PSI (1034 kPa)*
 TEST PRESSURE : 225 PSI (1551 kPa)
 AXIAL COMPRESSION : 3" (80mm)
 AXIAL EXTENSION : 1/2" (13mm)



This expansion joint is designed for use in riser applications and axial movement only. Consult Metraflex for guiding and anchoring of pipe in riser application. For horizontal runs, the guiding and anchoring recommendations of the Expansion Joint Manufacturers Association is to be followed.

QTY	PART NUMBER	PIPE SIZE		A	B	EFFECTIVE AREA (in ²)	SPRING RATE (lb/in)	WEIGHT	NOTES
		INCH	MM						
	HPQFF30075	3/4"	20	22"	2.25	1.1	58	1	
	HPQFF30100	1"	25	22"	2.25	1.7	63	1-1/2	
	HPQFF30125	1-1/4"	32	22"	2.60	2.4	54	2	
	HPQFF30150	1-1/2"	40	23"	3.00	3.2	52	3	
	HPQFF30200	2"	50	23"	3.50	5.1	118	4	
	HPQFF30250	2-1/2"	65	24-1/2"	4.25	7.6	110	5	
	HPQFF30300	3"	80	25-3/8"	5.00	10.6	175	6	

MATERIAL

BELLOWS MULTI-PLY S/S T304
 OTHER PARTS COPPER & SS

CUSTOMER: _____

PROJECT: _____

ENGINEER: _____

		2323 W. HUBBARD ST. CHICAGO, IL 60612 TEL: 312-738-3800 FAX: 312-738-0415 WWW.METRAFLEX.COM	
		MODEL HPQFF3 HIGH PRESSURE EXPANSION COMPENSATOR	
DRAWN BY: BK		DATE: 9/09/2021	
APPROVED:		DATE: 9/09/2021	
SCALE: N/A	DRAWING NUMBER: HPQFF3		