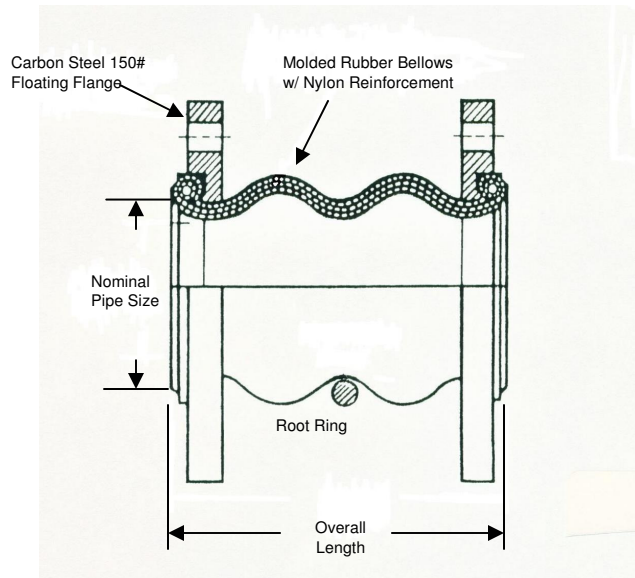




# Rubber Connector/Expansion Joint Type FF/DS Double Sphere

SUBMITTAL

## NYLON REINFORCED NEOPRENE FLANGED SPHERICAL CONNECTOR



Job _____	
Contractor _____	
Engineer _____	
Representative _____	
Order No. _____	Date _____
Submitted by _____	
Approved by _____ Date _____	
Tag _____	

Neoprene Elastomer:

Temperature Vs Pressure

170°	225 PSIG
190°	185 PSIG
210°	155 PSIG
230°	135 PSIG

Control Rods are Required on  
Unanchored Piping Systems

### Allowable Movements

Nominal Pipe Size	Neutral Length	Angular Degrees	Elongation Inches	Compression Inches	Misalignment Inches
1 1/2"	7"	45	1 1/8	2	1 3/4
2"	7"	45	1 1/8	2	1 3/4
2 1/2"	7"	43	1 1/8	2	1 3/4
3"	7"	38	1 1/8	2	1 3/4
4"	9"	34	1 3/8	2	1 5/8
5"	9"	29	1 3/8	2	1 5/8
6"	9"	25	1 3/8	2	1 5/8
8"	13"	19	1 3/8	2 3/8	1 3/8
10"	13"	15	1 3/8	2 3/8	1 3/8
12"	13"	13	1 3/8	2 3/8	1 3/8

### TYPICAL SPECIFICATION

Provide, where indicated, a molded twin sphere, reinforced rubber, flexible connector. End connections are to be plate steel drilled per 150# ANSI standards, plated for corrosion resistance and individually rotatable for easy alignment during installation. Connector to be \_\_\_\_\_ inches in diameter by \_\_\_\_\_ inches overall length. THERMO TECH Model FF/DS



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