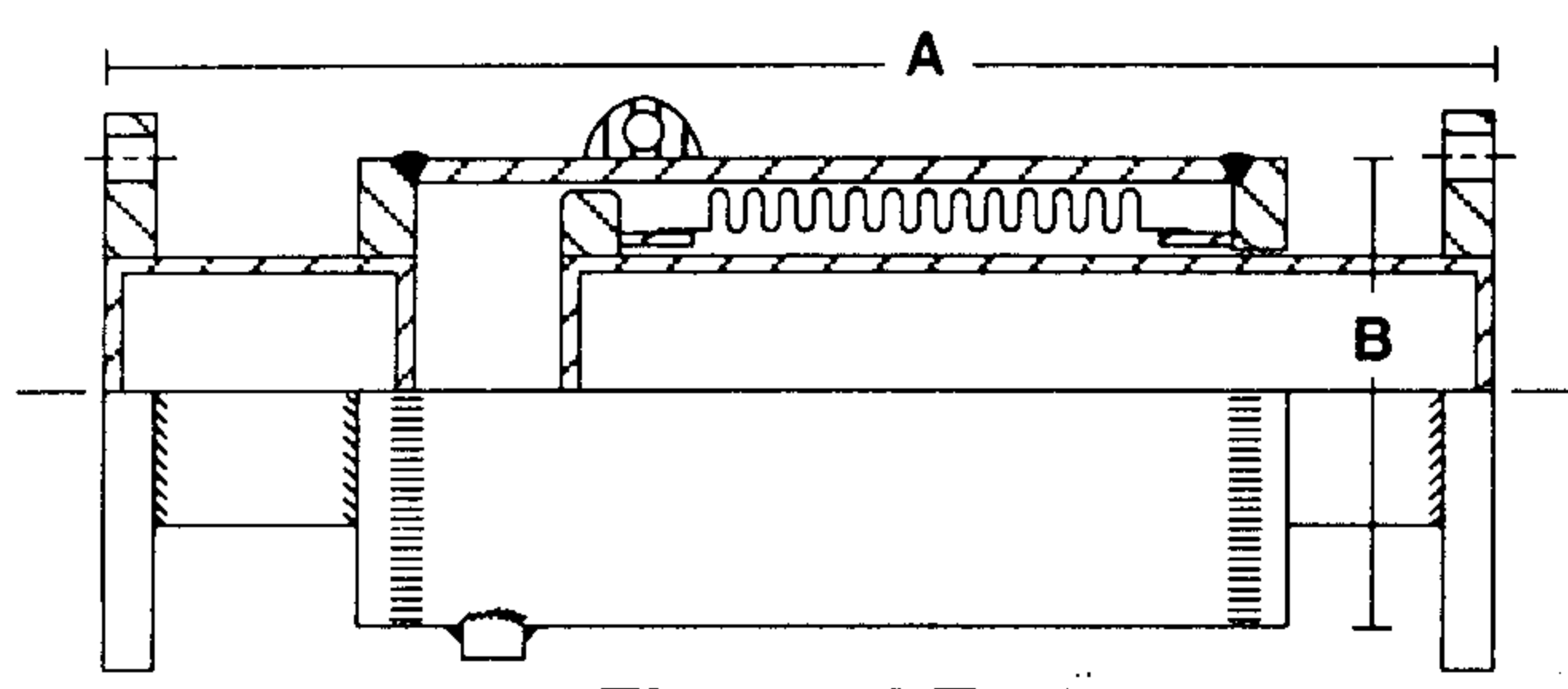


# MetraGator Externally Pressurized Expansion Joint

## MATERIALS OF CONSTRUCTION

Item	Standard Material	Custom Material
Pipe	Carbon Steel	
Bellows	Stainless Steel	
Housing	Carbon Steel	

Drain Plug: 1/2" 2 thru 6 size  
3/4" 8 thru 12 size



**Flanged End**

QTY.	PIPE SIZE	END FITTING	AXIAL MOVEMENT	PSI	TEMP.	OAL (A)	HOUSING OD. (B)	EFF. AREA (IN. SQ.)	SPRING RATE lbs./in.	NOTES
	6"	FLG	12"	150	650	52.50	10.75	53	380	

To Determine Main Anchor Load Use This Formula

$$\text{Main Anchor Load} = \text{Effective Area of Joint} \times \text{Maximum System Pressure} + (\text{Spring Rate} \times \text{Actual Movement})$$

CUSTOMER \_\_\_\_\_  
 PROJECT \_\_\_\_\_  
 ENGINEER \_\_\_\_\_  
 ARCHITECT \_\_\_\_\_  
 INQ. OR P.O. NO \_\_\_\_\_

*the Metraflex<sup>®</sup> company*  
 CHICAGO ILLINOIS

DESCRIPTION:  
**METRAGATOR EXTERNALLY PRESSURIZED EXPANSION JOINT**

DRAWN BY: Z.B.      DATE: 8-1-97      DRAWING NO: GATOR