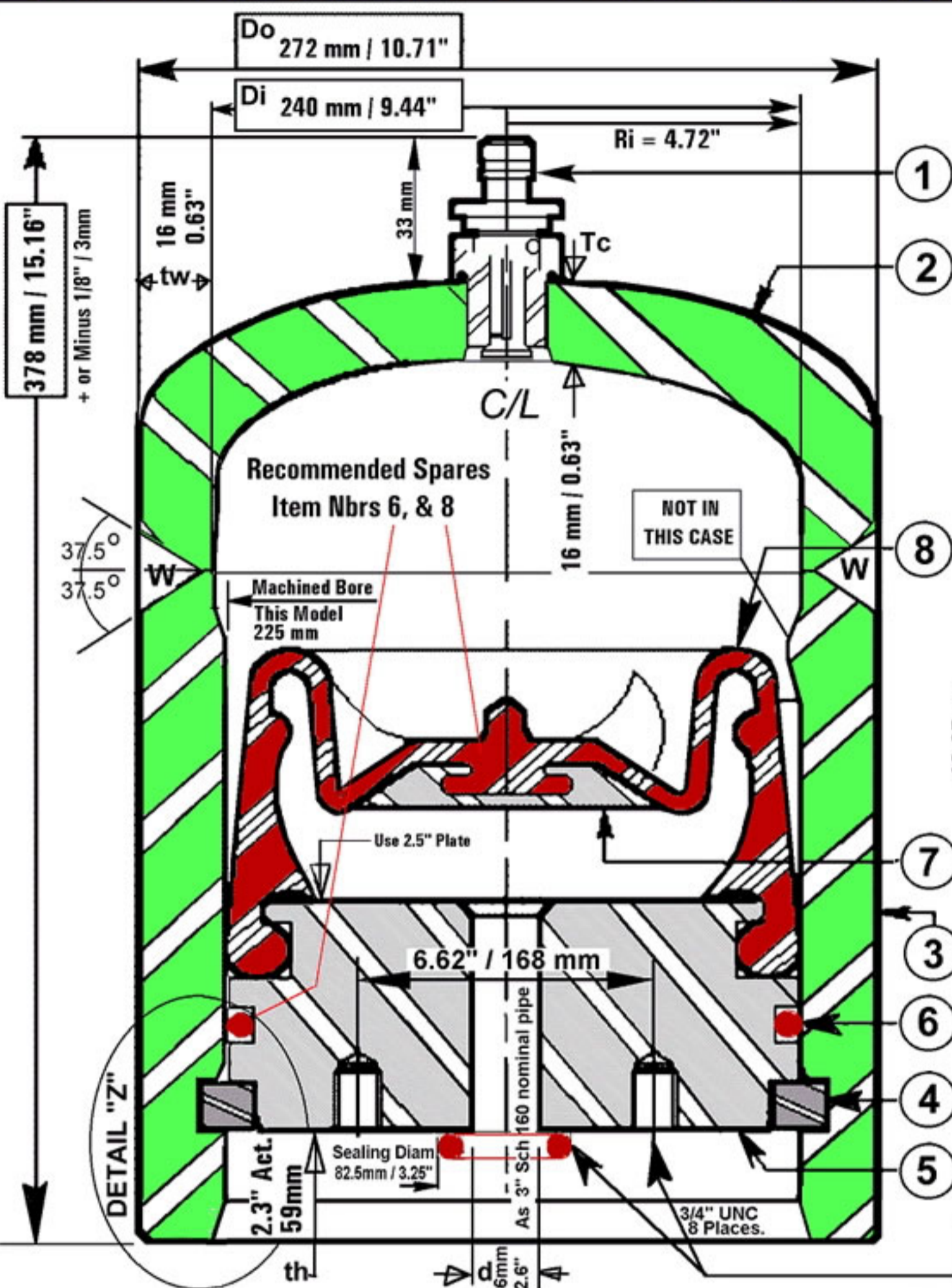
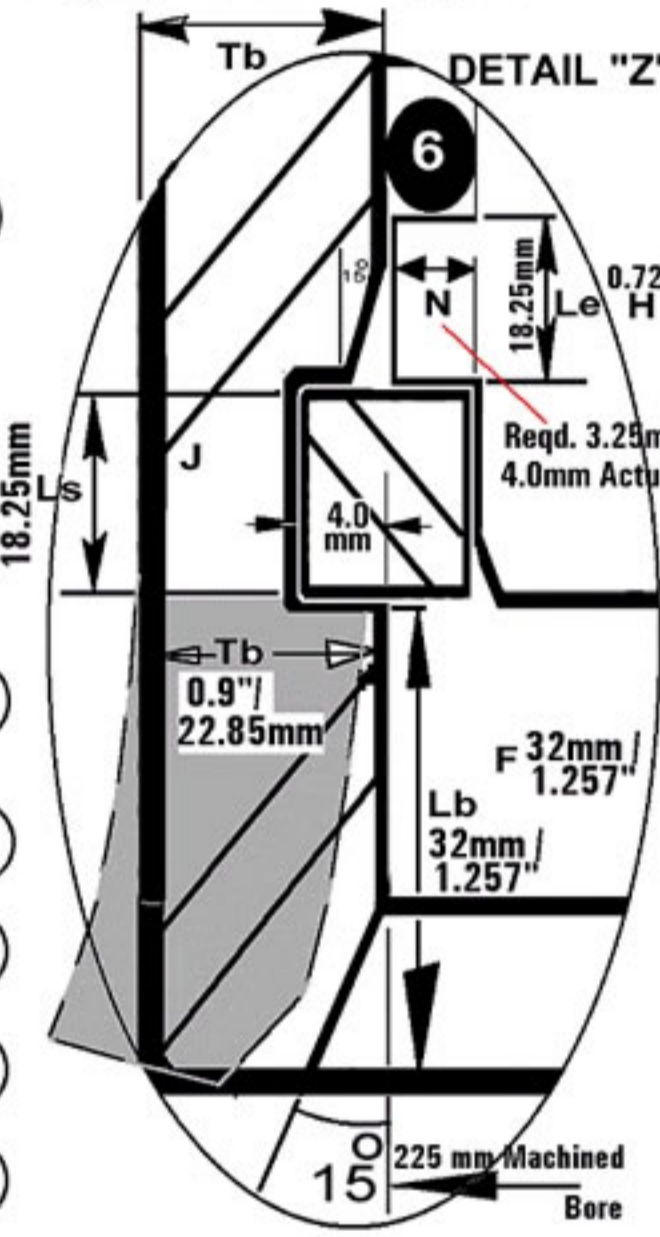


PipeHugger Manufacture & Certification

Typical "Level 3" Minimum \$1,000 extra charge drawing. Under license from M. Packer since 1963



Rule of thumb For failure Control:-
 Where T=wall thickness
 F, distance in to groove = 1.4T
 J, groove width = 0.8T
 N, groove depth = 0.45T
 Ensures safe depressurization by the vomit of seal 6 down the adjacent seal lead in chamfer 15° when the mouth spreads to to dotted line @ 6Pd.



Connection Specification, As ANSI B16.5 3" 600# but face "O" Ring

Item	Part No.	Description	Material	I.D. #
1	9019C	N2 Prefill	304ss	
2		Cap-Gas	2:1 S.E. head 516-70	
3		Body (Shell)	106 Smls Pipe 106B'92	
4		Segmental Lock Ring	from 106 Smls Pipe	
5		End-closure	SA 240 316/L ('01)	
6		Seal	EPDM 70 Shore A	
7		Anti-Ext. Button	316ss	41362C "Non Pressure Retaining component"
8	D225y110-E	Diaphragm	EPDM	"Non Pressure Retaining component"

CUSTOMER: Alyeska Pipeline Serv.	
CUSTOMER REF.: 00476587	
QUANTITY: 1	
W/O No: US 027956	
W: Procedure Nbr. BD-1-1-B/A	
WEIGHT (EST.):	
ISSUED BY: Rhonda Bryant Rev	
CHECKED BY: Mike Wuske 16:04:03	
ISSUE DATE: 16th April 03 (Rev. 0)	
FILE REF: TypicPhr.bmp	
SCALE: NTS	ALL DIMENSIONS ARE MM EXCEPT AS STATED.
U Phr "0" 475i 1240p 600# 316 - EPT De-Rated from 1850 psi for 600# flanging	
SHEET: 1 OF 1	REV. 1

PULSEGUARD Ltd.
 Guard Against Pulsation Licensed M. Packer 1963
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 Box 506 Hampstead NC 28443-9110 USA
 -01-910-270-2737
 Fax. -01-910-270-2740

TITLE PipeHugger Pulse Damper with 600# integral ANSI B16.5 Flange face.
APPLICATION Fits piping block 2" 600# x 1.5" 600# 90° by 90°
 For a Triplex displacing 38 in3 per stroke, to limit flow fluctuations to a max. of plus and minus 1.5%, pumping water at 200 Degrees F. Stainless steel and Ethylene Propylene liquid contact parts. Manufactured under ASME VIII and "U" Stamped.