

# APPLICATION FOR RENEWAL OF APPROVAL FOR VALVES AND FITTINGS

1. AAR APPROVAL No. E079005  
 2. Date of Application 2-26-07  
 3. Previous AAR Approval E969031

4. Applicant: Xomox Corporation  
 5. Address: 4444 Cooper Road, Cincinnati OH 45242  
 6. Drawing No. RD6375 7. Latest rev. -B 8. Date of latest rev. 1-10-07  
 9. Description of device: Fully PFA lined plug valve 10. Device ID No. 061

**CERTIFICATION:** The subject device is **unchanged** from the previous approval, and conforms with the latest revision of AAR Specifications for Tank Cars, Appendix A. The device conforms with drawing listed above.

11. By: \_\_\_\_\_ Title: \_\_\_\_\_

If device is **changed** since latest approval, fill in the following blanks

12. Reference Previous Drawing	New Drawing	If on Service Trial
No. <u>RD6375</u> Rev. <u>-A</u> Date: <u>5/28/85</u>	No. <u>RD6375</u> Rev. <u>-B</u> Date: <u>1-10-07</u>	S.T. No. _____
No. _____ Rev. _____ Date _____	No. _____ Rev. _____ Date _____	S.T. No. _____
No. _____ Rev. _____ Date _____	No. _____ Rev. _____ Date _____	S.T. No. _____

13. New drawing supersedes previous one  or does not obsolete it

**CHANGES**

**REASONS FOR CHANGES**

14. a. <u>Valve body changed to closed bottom design</u> b. <u>Wrench hub design updated</u> c. <u>Added note concerning M-1002 Section 7.3</u> d. _____ (if needed use supplemental sheet)	a. <u>Product improvement</u> b. <u>Product improvement</u> c. <u>AAR Requirement</u> d. _____
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15. Normal operational effect of changes of device: None, valve has same form, fit, and function

16. Drawing submitted with this application: RD6375 Rev-B

**CERTIFICATION:** The above data is correct and conforms with AAR Specifications for Tank Cars, Appendix A. The device conforms with drawing listed above.

17. By: Robt Enneking 2-26-07 Rob Enneking Title: Product Manager

APPROVAL AAR Tank Car Committee:

Date Approved: MAY 04 2007



(Signature) on behalf of Committee

**BILL OF MATERIALS**

NO.	QTY.	PART NAME	MATERIAL	NO.	QTY.	PART NAME	MATERIAL
1	1	BODY	ASTM A395, DI/PFA LINED	10	1	FORMED DIAPHRAGM	PTFE
2	1	PLUG	ASTM A395, DI/PFA LINED	11	1	THRUST COLLAR	ASTM A167,TYPE 304
3	1	BOTTOM THRUST DISC	PTFE	12	1	COVER	(B) ASTM A395, DUCTILE IRON
4	1	BOTTOM METAL DIAPHRAGM	ASTM A240,TYPE 304	13	3	TOP ADJUSTMENT SCREW	(B) ASTM A193, BB CL.1
5	1	BOTTOM ADJUSTMENT SCREW	AISI 304 STAINLESS STEEL	14	1	WRENCH HUB	(B) ASTM A351, CFB
6	1	LOCK NUT	AISI 304 STAINLESS STEEL	15	1	WRENCH BOLT	STEEL/ZINC PLATED
7	4	COVER BOLT (B)	ASTM A193, B7/ZINC PLATED	16	1	HANDLE	STEEL/PAINTED
8	1	METAL DIAPHRAGM	ASTM A240,TYPE 304	17	1	TRUARC RING	STAINLESS STEEL
9	1	WEDGE RING	PTFE	18	1	SPRING	STAINLESS STEEL

**TUFLINE**

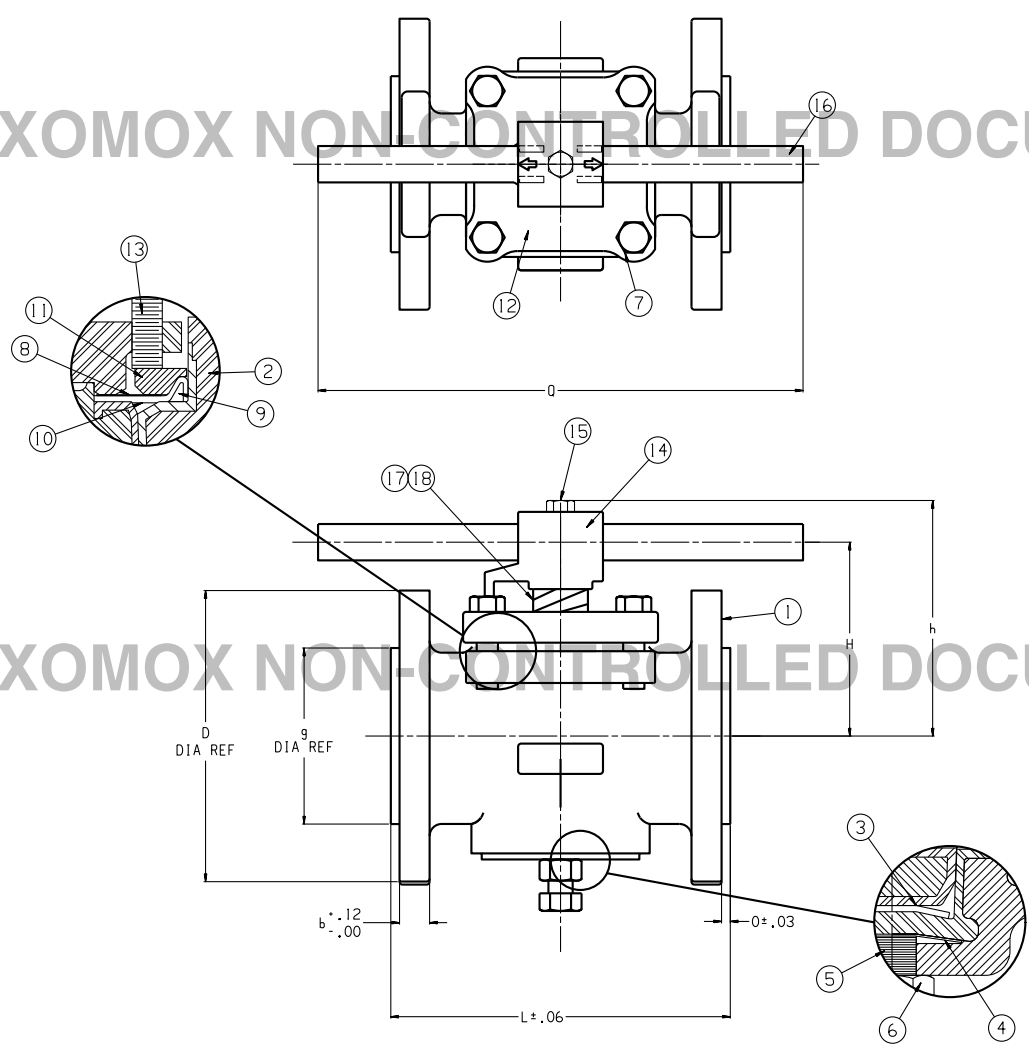
TUFLINE FIG. 061, SIZE 1"-4"  
 FLANGED ENDS CLASS 150  
 WRENCH OPERATED  
 FULLY LINED PLUG VALVES FOR AAR APPROVED SERVICES  
 CLOSED BOTTOM DESIGN

SIZE	L	b	f	D	g	H	h	Q	N	O	P	WT
1"	5.00	.44	.19	4.25	2.00	2.88	3.75	7.75	4	.63	3.12	9
1-1/2"	6.50	.56	.19	5.00	2.88	3.63	4.56	11.25	4	.63	3.88	15
2"	7.00	.63	.19	6.00	3.63	4.00	5.13	17.00	4	.75	4.75	24
3"	8.00	.75	.22	7.50	4.75	4.50	5.69	23.00	4	.75	6.00	30
4"	9.00	.94	.22	9.00	6.19	5.75	7.06	29.00	8	.75	7.50	62

(B)

WT. - WEIGHT IN LBS

FLANGE BOLTING:  
 N- NO. OF BOLT HOLES  
 O- DIA. OF BOLT HOLES  
 P- DIA. OF BOLT CIRCLE



TOLERANCES, UNLESS OTHERWISE SPECIFIED:  
 .XX ± .50 ANGULAR ± 2.5°  
 .XXX ± .063

NOTES:  
 1. THIS DWG. MAY NOT BE REVISED WITHOUT THE APPROVAL OF THE MANAGER OF TRANSPORTATION SERVICES  
 2. REGISTERED TRADEMARK DUPONT COMPANY

DWN	SF 7-29-83	APP	J. GARDNER 1-18-85	DO NOT SCALE DWG
CHK	GHM 1-18-85	REL		
<b>TUFLINE FIG.061 1"-4" WRENCH OP.</b>				
<b>XOMOX CORPORATION</b> 4444 COOPER ROAD CINCINNATI, OHIO 45242				DWG NO. <b>RD6375</b>
-B	N/A	JMK	SF	1/10/07
REV	ECO	BY	CHK	APP./DATE
REV -B				<b>C</b>

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