

AAR Manual of Standards and Recommended Practices
Specifications for Tank Cars

CHAPTER 1

M-1002

**APPLICATION FOR RENEWAL OF APPROVAL FOR PRESSURE RELIEF
DEVICES, VALVES, CLOSURES, AND FITTINGS**

1. AAR APPROVAL No. E252114
2. Date of Application 10-31-25
3. Previous AAR Approval E152112
4. Applicant: Aalberts Integrated Piping Systems Americas, Inc. - DBA Conbraco Inc.
5. Address: PO BOX 125 PAGELAND, SC 29728
6. Drawing No. 87A/88A-200 7. Latest rev. A 8. Date of latest rev. 01-11-16
9. Description of device: 1",1-1/2",2",2-1/2",3",4" & 6" TWO PIECE FLANGED 10. Device ID No. 87A/88A-200 SERIES

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: Aiden Broadway Title: Product Support Engineer

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

12. Reference Previous Drawing			New Drawing			If on Service Trial		
No. _____	Rev. _____	Date _____	No. _____	Rev. _____	Date _____	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. _____	a. _____
b. _____	b. _____
c. _____	c. _____
d. _____	d. _____

(if needed use supplemental sheet)

15. Normal operational effect of changes of device: _____

16. Drawing submitted with this application: _____

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: _____ Title: _____

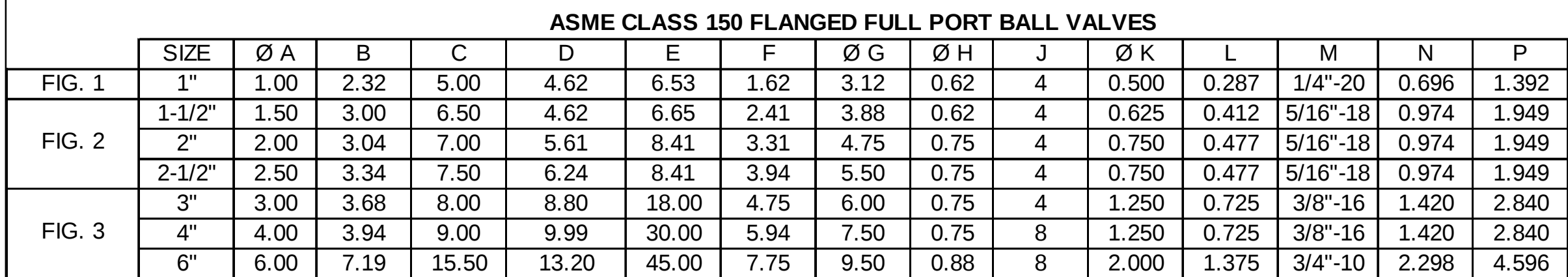
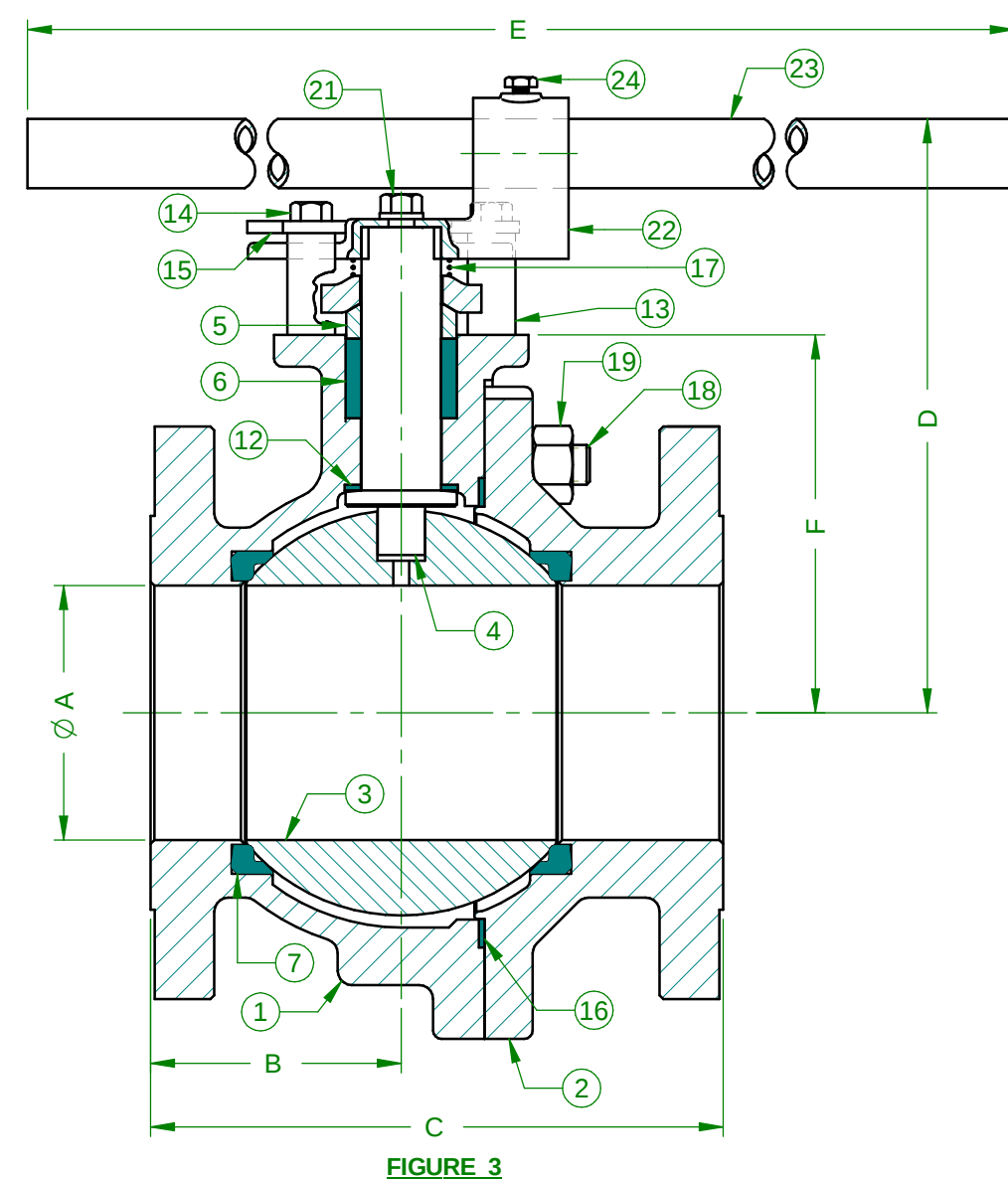
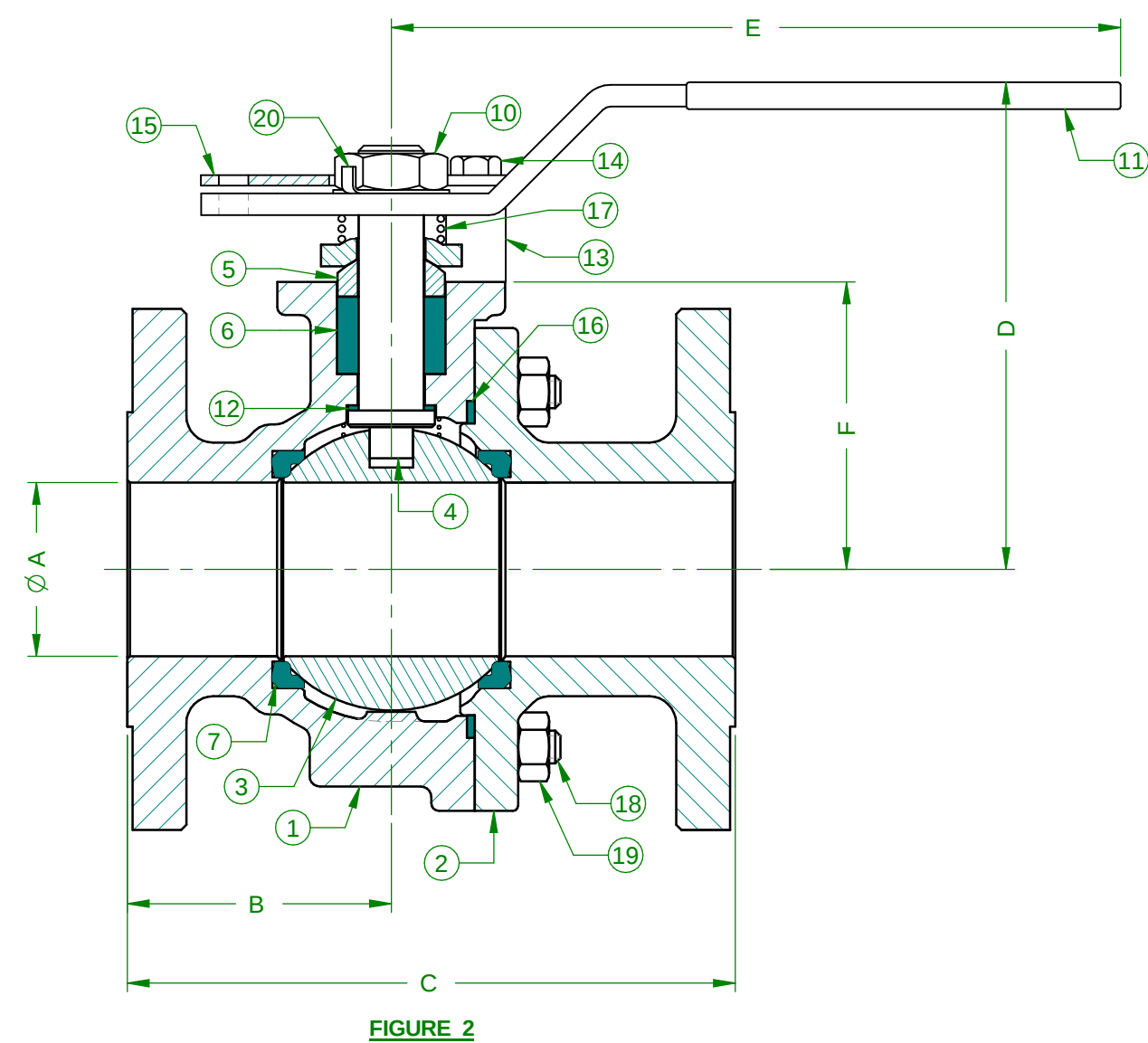
APPROVAL AAR Tank Car Committee:

Date Approved: 11/13/2025


(Signature) on behalf of Committee

Form AAR 4-7 8/1/2014

Fig. 1.5 Form AAR 4-7 Application for Renewal of Approval for Pressure Relief Devices, Valves, Closures, and Fittings



Standard Material List			
	Part	Material (Stainless Option)	Material (Carbon Option)
1	Body	ASTM A351-CF8M	ASTM A216-WCB
2	Retainer	ASTM A351-CF8M	ASTM A216-WCB
3	Ball*	ASTM A276 Type 316 or A351 CF8M	ASTM A108 Type 1215 or ASTM A216 WCB
4	Stem*	ASTM A276 Type 316	ASTM A108 Type 1215
5	Packing Gland	ASTM A276 Type 316	ASTM A108 Type 1215
6	Stem Packing*	PTFE or Graphite	PTFE or Graphite
7	Seats*	TFM 1700	TFM 1700
8	Gland Screws	ASTM A193 B8 Class 1	ASTM A193 Grade B7
9	Gland Plate	316 Stainless Steel	316 Stainless Steel
10	Stem Nut/Screw	18-8 Stainless Steel	ASTM A194 Grade 8
11	Lever*	316 Stainless Steel	ASTM A366 Steel
12	Stem Bearing	RPTFE	RPTFE
13	Stop	ASTM A276 Type 304	ASTM A108 Type 1215
14	Stop Screw	316 Stainless Steel	SAE J429
15	Lock Plate	302 or 304 Stainless Steel	ASTM A366 Steel
16	Body Seal*	RPTFE or SS & Graphite	RPTFE or SS & Graphite
17	Grounding Spring	316 Stainless Steel	316 Stainless Steel
18	Body Joint Stud*	ASTM A193 Grade B8M	ASTM A193 Grade B7
19	Body Joint Nut*	ASTM A194 Grade 8M	ASTM A194 Grade 2H
20	Lock Washer	302 or 304 Stainless Steel	302 or 304 Stainless Steel
21	Stem Screw	304 Stainless Steel	304 Stainless Steel
22	Handle Adapter	316 Stainless Steel	316 Stainless Steel
23	Pipe Handle	Galvanized Steel	Galvanized Steel
24	Set Screw	18-8 Stainless Steel	18-8 Stainless Steel
*Material may change based upon option			