VR-600A SERIES

CLASS 600 TRUNNION-MOUNTED FLANGED BALL VALVE

KEY BENEFITS

- ANSI Class 600 · trunnion mounted
- 3-piece side-entry · A216 WCB body
- ENP ball & metal seats · gear operated



CLASS 600 TRUNNION-MOUNTED FLANGED BALL VALVE

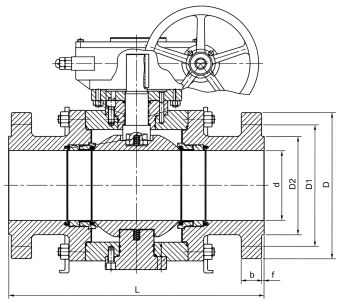
OVERVIEW

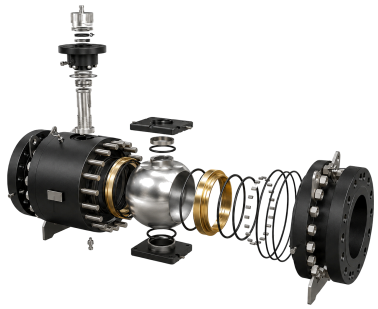
The Apache VR-600A Series is a Class 600 trunnion-mounted flanged ball valve of three-piece (side-entry) construction for high-pressure pipeline service. A216 WCB left, center, and right bodies carry an electroless-nickel-plated (ENP) ball, stem, and metal seat rings, with integral drain and vent valves and lifting lugs.

DIMENSIONAL DATA

NPS	DN	D	L	D	D1	D2	B	F	N-Ø
6"	150	5.91	22.00	14.00	11.50	8.50	1.88	0.28	12 × Ø1.12

Dimensions in inches; DN in mm. d = bore · L = face-to-face · D = flange OD · D1 = bolt circle · D2 = raised-face OD · b = flange thickness · f = raised-face height · n-Ø = bolt count × hole dia. Flanges per ANSI Class 600 (ASME B16.5). Additional sizes on request.





STANDARDS & OPTIONS

Pressure Rating	ANSI Class 600
Design	Trunnion-mounted, 3-piece side-entry
Body	A216 WCB cast steel
Ball / Stem	A105 + ENP
Seat Rings	A105 + ENP (metal seat)
Features	Integral drain & vent valves, lifting lugs
End Connections	ANSI Class 600 flanged (raised face)
Sizes	6"
Testing	API 6D

MATERIALS / CONSTRUCTION

#	COMPONENT	MATERIAL
1	Left / Right Body	A216 WCB
2	Center Body	A216 WCB
3	Ball	A105 + ENP
4	Stem	A105 + ENP
5	Seat Rings	A105 + ENP
6	Upper Cover	A105 + ENP
7	Lower Cover	Nylon
8	O-Rings / Washers	304 + Graphite / Viton
9	Bolts	A276 410
10	Screws	A276 420 / Inconel X-750
11	Nuts / Springs	A193 B7M
12	Radial Bearing	A276 316 / CS-PTFE
13	Drain & Vent Valves	CS-PTFE / Viton
14	Lifting Lugs	CS + Zn

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The information presented here reflects our current design specifications. Apache Pressure Products may change design and/or material specifications without prior notice. Please consult with our sales experts for specific requirements.