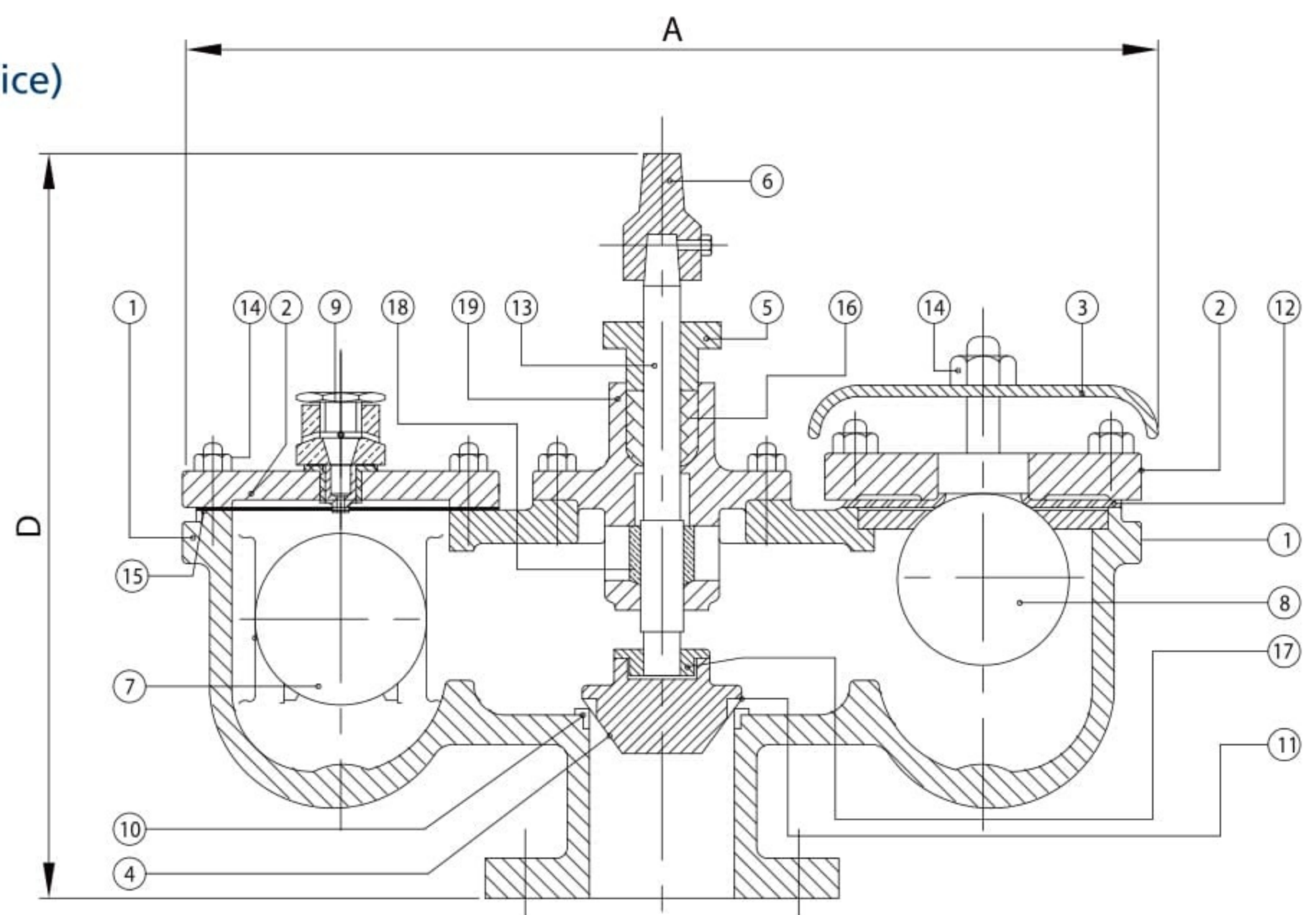


Technical Specifications - CAST IRON DOUBLE BALL AIR VALVES WITH INTEGRAL ISOLATION

| | | |
|---|---|-----------------------|
| Type of Valve | Cast Iron Air Release Valves, Double Orifice Type, with inbuilt Isolating Valve | |
| Materials of Construction: | Cast Iron to IS 210 Gr. Fg 200 | |
| a. Body, Pressure Cover, Cowl Disk, Gland, Cap & Valve Cover | Natural Rubber Coated On Wood Vucanite Coated On Wood | |
| b. Small Orifice Ball | Bronze/Brass | |
| c. Large Orifice Ball | Leaded Tin Bronze to IS 318 Ltb 2 | |
| d. Orifice Plug | Natural Rubber | |
| e. Body Seat Ring & Disc Seat Ring | IS 6603 Gr 12 Cr 13 | |
| f. Seat (Large Office). | Carbon Steel to IS 1367 Cl 4.6/4.0 | |
| g. Stem | Rubber to IS 638 Type-B | |
| h. Studs & Nuts | Jute & Hemp to IS 5414 | |
| i. Gasket | Leaded Tin Bronze to IS 318 Ltb 2 | |
| j. Gland Packing | Leaded Tin Bronze to IS 318 Ltb 2 | |
| k. Disc Nut | | |
| l. Stem Nut | | |
| Design | IS 14845 Fig. No. 3A (DS-1) | |
| Testing standard | IS 14845 Fig. No. 3A (DS-1) | |
| Dimension | IS 1538 FF / ANSI B 16.5 150# | |
| • Flange Dimension & Drilling | | |
| Hydraulic test pressure: | | |
| • Rating | Pn 1.0 | Pn 1.6 |
| • Body | 15 Kg/Cm ² | 24 Kg/Cm ² |
| Range | 40 mm NB to 200 mm NB | |

Part Name:

- | | |
|-----------------------|--------------------------|
| 1. Body, | 11. Disc Seat Ring |
| 2. Pressure Cover, | 12. Seat (Large Orifice) |
| 3. Cowl, | 13. Stem |
| 4. Disc | 14. Stud & Nuts |
| 5. Gland | 15. Gasket |
| 6. Cap | 16. Gland Packing |
| 7. Small Orifice Ball | 17. Disc Nut |
| 8. Large Orifice Ball | 18. Stem Nut |
| 9. Orifice Plug | 19. Valve Cover |
| 10. Body Seat Ring | |



- Note**
- Description given is generalized, may vary as per requirement.
 - Specifications given above are subject to change as per revisions in standards without notice.
 - Quotations are based on customer's requirement and data. Customers are requested to send specific requirement for an offer.
 - All sizes in millimeter

H. Sarker & Company Valves (P) Ltd.

Works: Phone: +91 33 2653 1214 / 0061 • eMail: hsblt09@gmail.com

Regd. Office: Ajit Sen Bhawan, 13 Crooked Lane, 2nd Floor, Kolkatta 700 069. Phone: 033-22109163

