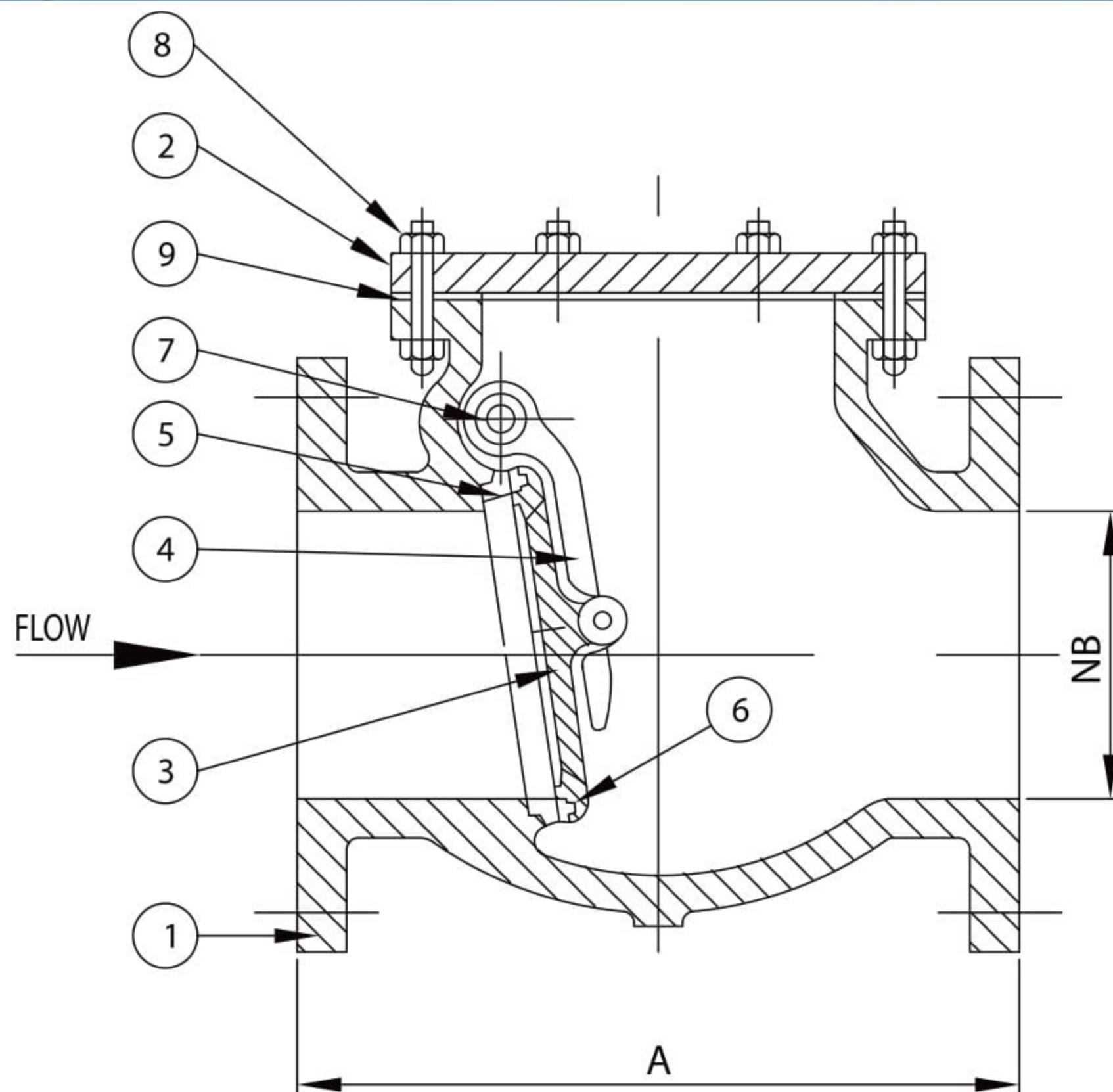


## Technical Specifications - CAST IRON SWING CHECK VALVES

|                                   |  |                       |
|-----------------------------------|--|-----------------------|
| <b>Type of Valve</b>              | Swing Check Non Return Type, Bolted Cover, Renewable Seat-Rings              |                       |
| <b>Materials of Construction:</b> |  |                       |
| a. Body, Cover & Disc             | CI to IS 210 Fg 200/260  |                       |
| b. Hinge Bracket                  | CI to IS 210 Fg 200/260  |                       |
| c. Hinge Pin                      | HT Brass or Stainless Steel  |                       |
| d. Body Seat-Ring                 | Bronze or Stainless Steel  |                       |
| e. Disc Face-Ring                 | Rubber, Bronze or Stainless Steel  |                       |
| f. Gasket                         | Rubber   |                       |
| g. Bolts & Nuts                   | Carbon Steel to IS 1367 Cl 4.6/4.0 or ASTM Standard                          |                       |
| <b>Design Testing Standards</b>   | IS 5312 (Part I) 2004 / BS:5153  |                       |
| <b>Dimension</b>                  |  |                       |
| • Flange-to-Flange                | IS 5312 (Part I)2004 / BS:5153   |                       |
| • Flange Dimension & Drilling     | As per customer requirement  |                       |
| <b>Hydraulic test pressure:</b>   |  |                       |
| • Rating                          | PN 1.0 / 10  | PN 1.6 / 16           |
| • Body                            | 15 Kg/Cm <sup>2</sup>  | 24 Kg/Cm <sup>2</sup> |
| • Seat                            | 10 Kg/Cm <sup>2</sup>  | 16 Kg/Cm <sup>2</sup> |
| <b>Accessories</b>                | Bypass arrangement, Dash Pot & Counter Weight Arrangement (Size 300 & above) |                       |
| <b>Range</b>                      | 50 mm NB to 600 mm NB  |                       |

**Part Name:**

1. Body,
2. Cover
3. Disc
4. Hinge Bracket
5. Body Seat-Ring
6. Disc Face-Ring
7. Hinge Pin
8. Bolts & Nuts
9. Gasket



- 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

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