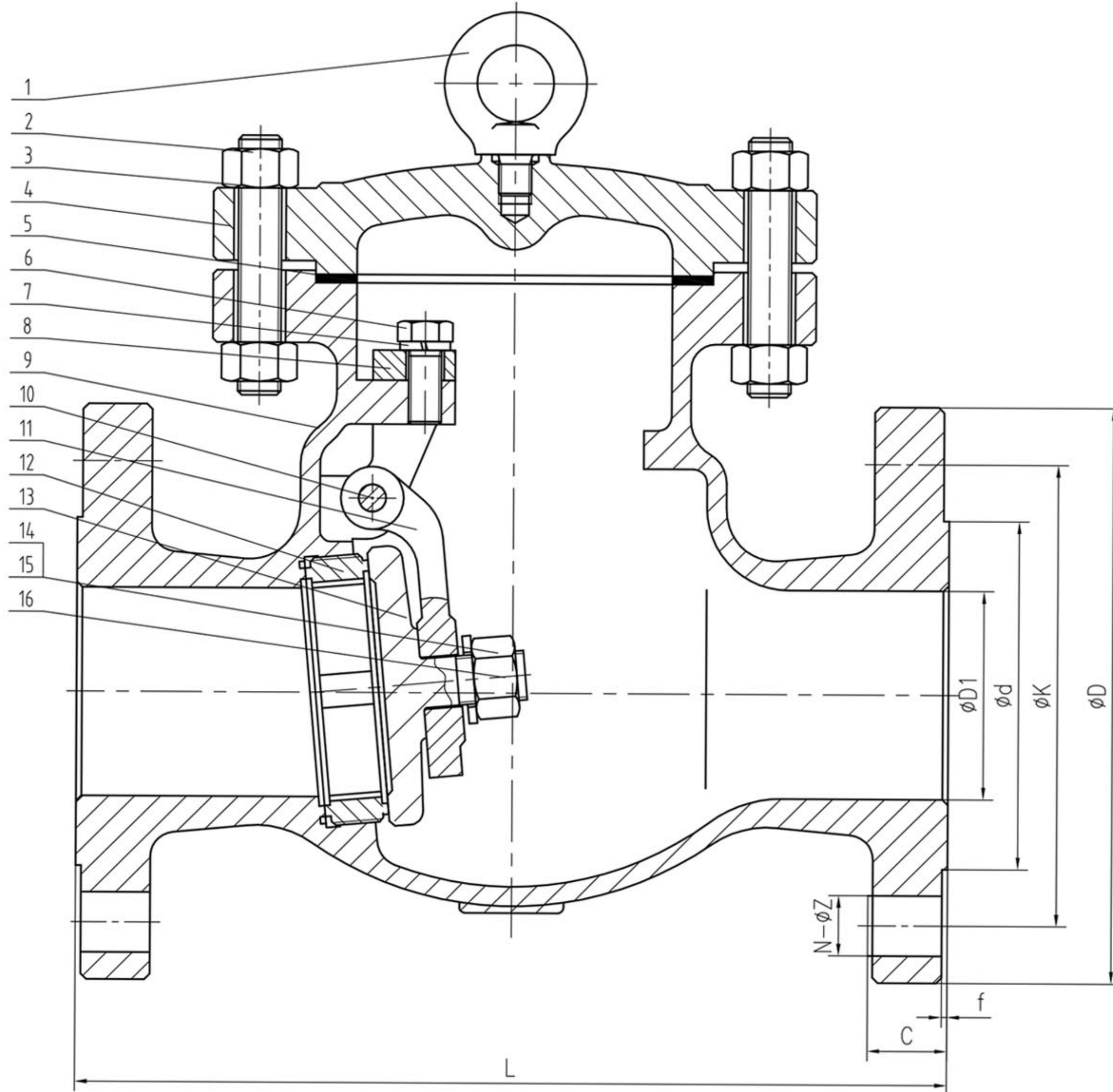


SWING CHECK VALVE FLANGED END ANSI 600

Model : ARV-203FE(A)



Features :

Flanged End to ANSI 600

Design Rating : BS1868

Face to Face : ASME B16.10

Inspection & Testing : API598

Material

| No | PART | MATERIAL |
|----|-----------------|--------------|
| 1 | EYEBOLT SCREW | A3 |
| 2 | NUT | 2H |
| 3 | SCREW | B7 |
| 4 | BONNET | WCB |
| 5 | GASKET | 304+GRAPHITE |
| 6 | SCREW | 304 |
| 7 | SPRING WASHER | 304 |
| 8 | YOKE | CF8 |
| 9 | BODY | WCB |
| 10 | CYLINDRICAL PIN | 304 |
| 11 | ROCKER | WCB |
| 12 | SEAT | A105+STL6 |
| 13 | DISC | WCB+13Cr |
| 14 | GASKET | 1045 |
| 15 | NUT | 304 |
| 16 | CYLINDRICAL PIN | 304 |

Technical Parameter

| Nominal Pressure | | CL 600 |
|----------------------|---------------------|-----------------|
| Test Pressure | Shell Test Pressure | 16.5 Mpa |
| | Back Seal Test | 12.1 Mpa |
| | Seal Test | - |
| | Gas Seal Test | 0.6 Mpa |
| Suitable Temperature | | -29 ~425 °C |
| Suitable Medium | | Water, Gas, Oil |

Dimension in mm

| NPS | D1 | d | K | D | f | C | N-ØZ | L |
|--------|-----|-------|-------|-----|---|------|-------|-----|
| 2" | 50 | 92.1 | 127.0 | 165 | 7 | 32.4 | 8-19 | 292 |
| 2.1/2" | 65 | 104.8 | 149.2 | 190 | 7 | 35.6 | 8-22 | 330 |
| 3" | 80 | 127.0 | 168.3 | 210 | 7 | 38.8 | 8-22 | 356 |
| 4" | 100 | 157.2 | 215.9 | 275 | 7 | 45.1 | 8-25 | 432 |
| 5" | 125 | 185.7 | 266.7 | 330 | 7 | 51.5 | 8-29 | 508 |
| 6" | 150 | 215.9 | 292.1 | 355 | 7 | 54.7 | 12-29 | 559 |
| 8" | 200 | 269.9 | 349.1 | 420 | 7 | 62.6 | 12-32 | 660 |
| 10" | 250 | 323.8 | 431.8 | 510 | 7 | 70.5 | 16-35 | 787 |
| 12" | 300 | 381.0 | 489.0 | 560 | 7 | 73.7 | 20-35 | 838 |