# ANSI 150 Flanged Steel Swing Check Valves




Art. 1701

Design & construction: API 600, API 6D
Face to face length: ASME / ANSI B16.10
Connections & dimensions: ASME / ANSI B16.5, ASME / ANSI B 16.25
Flanges: RF ANSI #150
Pressure & temperature: ASME / ANSI B16.34
Test: API 598

- Fig. 1701A: body st.st. CF8M, trim 316

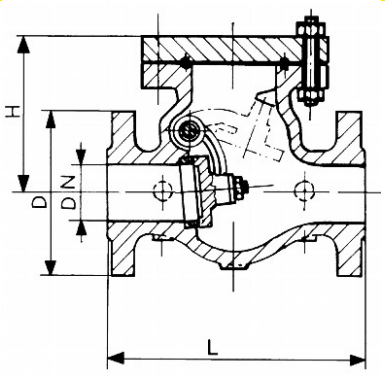
- Fig. 1701H: trim n.8 (body seat facing stellited)

Steel swing check valves are manufactured according to API, ANSI, ASME standards, for industrial applications. Swing check valves are built with bolted cover and replaceable seats. Standard production materials are cast steel A216WCB/F6, other material and trim versions are available, to be produced on request.

## Materials

| | |
|---|---|
| body-cover | cast steel A216WCB, GP240GH+N |
| disc | cast steel A216WCB, GP240GH+N |
| body seat facing | A182 F6 |
| disc seat facing | A182 F6 |
| gasket | graphite |
| painting | high chlorinated polyethylene HCPE |

## Dimensions




| DN | L mm. | H mm. | D mm. | Weight kg. |
|---|---|---|---|---|
| 2" | 203 | 170 | 152 | 23 |
| 3" | 241 | 185 | 191 | 39 |
| 4" | 292 | 220 | 229 | 53 |
| 6" | 356 | 260 | 280 | 84 |
| 8" | 495 | 300 | 343 | 144 |
| 10" | 622 | 350 | 406 | 219 |
| 12" | 699 | 400 | 483 | 317 |
| 14" | 787 | 450 | 533 | 403 |
| 16" | 864 | 480 | 597 | 457 |
| 18" | 978 | 540 | 635 | 668 |
| 20" | 978 | 600 | 699 | 894 |
| 24" | 1295 | 740 | 813 | 1300 |

## Pressure

| Hydrostatic test | | | | Pneumatic test | |
|---|---|---|---|---|---|
| shell | | seat | | | |
| bars | psig | bars | psig | bars | psig |
| 30 | 435 | 23 | 335 | ≥5,6 | ≥80 |

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