

PRODUCT TECHNICAL SPECIFICATION

SWING CHECK VALVE, FLANGED

SCOPE

Spring Check Valve, Flanged, Gray Cast Iron/Ductile Iron, (DN15-300)T Type
Sizes and Materials comply with EN Standards
Has TS EN 13789 and CE Certificates
DN 15, 20, 25, 32, 40, 50, 65, 80, 100, 125, 150, 200, 250, 300
PN 16

A. MATERIALS

Body in accordance with the TS 552 EN 1561 Standard; Gray Cast Iron, EN GJL 250 (GG 25 according to the older rating)
in accordance with the TS 526 EN 1563/A1 Standard; Ductile Iron, EN GJS 400 (GGG 40.3 according to the older rating)

Bonnet in accordance with the EN 1561 Standard; Gray Cast Iron, EN GJL 250 (GG 25 according to the older rating)
in accordance with the TS 526 EN 1563/A1 Standard; Ductile Iron, EN GJS 400 (GGG 40.3 according to the older rating)

Disc Stainless steel fillet weld on St-37 material

Seat AISI 304

Stem Stainless Steel, AISI 410 or 420 or 304

Fitting Components Minimum Property Class 6.8

B. FACE TO FACE DIMENSIONS

in accordance with the EN 558-1 SERIES-1 Standard

C. FLANGE SIZES

in accordance with the TS EN 1092-2 and BS EN 1092-2 Standards; PN 16

D. NOMINAL PRESSURE / OPERATING PRESSURE

PN 16 / 16 Bar

E. OPERATING TEMPERATURE RANGE

-10 ~ 300 °C

F. MARKING

Minimal marking that is legible and obtained in the form of embossing from casting;

MANUFACTURER (BRAND)

BODY MATERIAL: **EN GJL 250 or EN GJS 400**

PRESSURE GRADING: **PN16**

ARROW INDICATING THE DIRECTION OF THE FLOW

NOMINAL SIZE:

**DN15 / DN20 / DN25 / DN32 / DN40 / DN50/DN65 / DN80 / DN100 / DN125 / DN150 /
DN200 / DN250 / DN300**

G. PAINT

After Casting Cast Iron parts are primed

After Assembly Wet spray paint

H. TEST

in accordance with the EN 12266-1 Standard; RATE-A

I. WARRANTY

2-year warranty against workmanship and material defects

J. PACKAGING AND SHIPMENT

Plastic plugs in fluid bore openings

Products are shipped as packed in individual plastics bags