



## PRODUCT TECHNICAL SPECIFICATION

### SWING CHECK VALVE, FLANGED

#### SCOPE

Swing Check Valve, Straight Type, Flanged, Gray Cast Iron / Ductile Iron  
Sizes and Materials comply with EN Standards  
The product has the TS EN 16767 Certificate  
DN 40, 50, 65, 80, 100, 125, 150, 200, 250, 300  
PN 16 / 16 bar

#### A. MATERIALS

<b>Body</b>	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)
<b>Disc</b>	<b>Core</b> Ductile Iron, EN GJS 400 (GGG 40.3 according to the older rating) Shore A EPDM Rubber, Hardness $70 \pm 5$ , coating via Vulcanization process
<b>Stem</b>	Stainless Steel, AISI 410 or 420 or 304
<b>Fitting Components</b>	Minimum Property Class 6.8
<b>Plug</b>	St-37 + Yellow passivation



## **B. FACE TO FACE DIMENSIONS**

in accordance with the TS EN 558-1 SERIES-48 Straight Type Swing Check Valve 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 ~ +120 °C

## **F. MARKING**

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

### **MANUFACTURER (BRAND)**

TS EN 16767

BODY MATERIAL

IF GRAY CAST IRON: **EN GJL 250**

IF DUCTILE IRON: **EN GJS 400**

PRESSURE GRADING: **PN16 / 16 bar**

### **ARROW INDICATING THE DIRECTION OF THE FLOW**

NOMINAL SIZE: **DN40/DN50/DN65 / DN80 / DN100 / DN125 / DN150 / DN200 / DN250 / DN300**

## **G. PAINT**

**Before Assembly** Cast Iron parts are primed,

**After Testing** Top coat, wet spray paint



#### **H. TEST**

in accordance with the EN 12266-1 Standard; RATE-A (Zero leakage)

#### **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