

# PRODUCT TECHNICAL SPECIFICATION

## TRACEABLE BUTTERFLY VALVE

### SCOPE

Butterfly Valve, Wafer, Ductile Iron  
Sizes and Materials comply with EN Standards,  
DN 65, 80, 100, 125, 150, 200  
PN 21

### A. MATERIALS

<b>Body</b>	in accordance with the TS EN 1563 Standard; Ductile Iron, EN JS 1020 / EN-GJS-400
<b>Disc</b>	in accordance with the TS EN 1563 Standard; Ductile Iron, EN JS 1020 / EN-GJS-400 (with EPDM Coating on it)
<b>Gear box</b>	in accordance with the TS EN 1563 Standard; Ductile Iron, EN JS 1020 / EN-GJS-400
<b>Stem</b>	SS 304
<b>Gasket</b>	EPDM
<b>Sealing Components</b>	EPDM
<b>Handwheel</b>	in accordance with the TS EN 1563 Standard; Ductile Iron, EN JS 1020 / EN-GJS-400

### B. FACE TO FACE DIMENSIONS

TS EN 558-1 SERIES-20

### C. WAFER CONNECTION DIMENSIONS

in accordance with the TS EN 1092-2 Standards; suitable for PN 16 connection

#### **D. NOMINAL PRESSURE / OPERATING PRESSURE**

300 PSI

#### **E. OPERATING TEMPERATURE RANGE**

-10 ~ +120 °C

#### **F. MARKING**

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

#### **MANUFACTURE**

##### **R (BRAND)**

**TSEN593**

BODY MATERIAL: **EN JS 1020/EN-GJS-400**

PRESSURE GRADING: **300 PSI**

NOMINAL SIZE: **DN65 / DN80 / DN100 / DN125 / DN150 / DN200**

#### **G. PAINT**

**After Casting** Cast Iron parts are primed using Shop Primer

**Before Assembly** in accordance with the DIN 30677-1 Standard; epoxy oven-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**

Products are shipped as packed in individual plastics bags

#### **K. OTHER ISSUES**

The valves with an operating pressure of 21 bars not only fulfill opening, closing and partial adjustment functions in installations, but also provide 100% sealing in the closed position.

They are FM and UL approved.