

# PRODUCT TECHNICAL SPECIFICATION

## 3-PART BALL VALVE

### SCOPE

Ball Valve, Straight Type, Threaded, Ductile Iron  
Sizes and Materials comply with the EN Standards, has  
TSE Certificate in accordance with the TS 3148 Standard  
in accordance with the EN ISO 228-1 Thread Standard  
DN 15, 20, 25, 32, 40, 50, 65\*  
PN 16

### A. MATERIALS

<b>Body</b>	in accordance with the TS 526 EN 1563/A1 Standard; Ductile Iron, EN GJS 400 (GGG 40.3 according to the older rating)
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<b>Flanges (Side Bonnets)</b>	in accordance with the TS 526 EN 1563/A1 Standard; Ductile Iron, EN GJS 400 (GGG 40.3 according to the older rating)
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<b>Ball</b>	Stainless Steel, AISI 410 or 420 or 304
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<b>Stem</b>	Stainless Steel, AISI 410 or 420 or 304
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<b>Sealing Components</b>	PTFE (Teflon)
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<b>Fitting Components</b>	Minimum Property Class 6.8
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<b>Disc Springs</b>	Stainless Steel, AISI 410 or 420 or 304
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<b>Lever</b>	St-37 + Vinyl Coating
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### B. FACE TO FACE DIMENSIONS

in accordance with the TS EN 558-1 SERIES-1 Straight Type 3-Part Ball Valve Standard  
Sheet 1

### **C. INSTALLATION CONNECTION THREADS**

in accordance with the EN ISO 228-1 Standards

### **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 3148**

#### **BODY MATERIAL**

DUCTILE IRON: **EN GJS 400**

PRESSURE GRADING: **PN16**

NOMINAL SIZE: **DN15/DN20/DN25/DN32/DN40/DN50/DN65**

### **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**

Products are shipped as packed in individual plastics bags