

PRODUCT TECHNICAL SPECIFICATION

3-PART BALL VALVE

SCOPE

Ball Valve, Straight Type, Flanged, Gray Cast Iron-Ductile Iron
Sizes and Materials comply with the EN Standards, has TSE
Certificate in accordance with the TS 3148 Standard
DN 15, 20, 25, 32, 40, 50, 65, 80, 100, 125, 150, 200, 250
PN 6 / PN 10 / 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)
Flanges	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)
Ball	Stainless Steel, AISI 410 or 420 or 304
Stem	Stainless Steel, AISI 410 or 420 or 304
Sealing Components	PTFE (Teflon)
Fitting Components	Minimum Property Class 6.8
Disc Springs	Stainless Steel, AISI 410 or 420 or 304
Lever	St-37 + Vinyl Coating

B. FACE TO FACE DIMENSIONS

in accordance with the TS EN 558-1 SERIES-1 Straight Type 3-Part Ball Valve (DN15-125) Standard Sheet 2
in accordance with the TS EN 558-1 SERIES-27 Straight Type 3-Part Ball Valve (DN150-250) Standard Sheet 2

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 3148

BODY MATERIAL

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

IF DUCTILE IRON: **EN GJS 400**

PRESSURE GRADING: **PN16**

NOMINAL SIZE: **DN15/DN20/DN25/DN32/DN40/DN50/DN65 / DN80 / DN100 / DN125**
/ DN150 / DN200 / DN250

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