

PRODUCT TECHNICAL SPECIFICATION

NRS POST INDICATOR FLANGED GATE VALVES/ Non-rising Stem Post Indicator Flanged Gate Valves

SCOPE

Elastomer Gate Valve / Ductile Iron

Sizes and Materials comply with the EN Standards,
has TSE Certificate in accordance with the FM1120-1130 Standard
DN 65, 80, 100, 150, 200
PN 12/ 175 PSI

A. MATERIALS

Body	in accordance with the TS 552 EN 1563 Standard; DUCTILE Iron, EN GJS 400 (GGG 40 according to the older rating)
Wedge	in accordance with the TS 526 EN 1563/A1 Standard; Ductile Iron, EN GJS 1020, EN-GJS-400 (GGG 40 according to the older rating), outer surface EPDM plated
Handwheel	in accordance with the TS 526 EN 1563/A1 Standard; Ductile Iron, EN GJS 400 (GGG 40 according to the older rating)
Stem	Stainless Steel, AISI 410 or 420 or 304
Wedge Coating	Shore A EPDM Rubber, Hardness 70 ± 5 , Injection or compression coating
Sealing	

Components EPDM Coated Wedge / EPDM Bonnet Gasket / O-Ring

B. FACE TO FACE DIMENSIONS

TS EN 558-1 SERIES-14

C. FLANGE CONNECTION DIMENSIONS

It is compatible with PN 16 flange dimensions in accordance with TS EN 1092-2 and BS EN 1092-2.

D. NOMINAL PRESSURE / OPERATING PRESSURE

PN 12 / 175 PSI

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)

BODY MATERIAL

DUCTILE IRON: **EN JS 1020/EN GJS 400**

PRESSURE GRADING: **PN12 /175 PSI**

NOMINAL SIZE: **DN65 / DN80 / DN100 / 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 / FM1120-1130 Standard; RATE-A (Zero leakage)
- Body Sealing Test at 2 times the nominal pressure

I. WARRANTY

2-year warranty against workmanship and material defects

J. PACKAGING AND SHIPMENT

The products are shipped one by one, packed in bubble wrap nylon.

K. OTHER ISSUES

Valves with 12 bar operating pressure provide 100% tightness in the closed position

Connection diameters from DN65 to DN 200 are produced as Post Type; flanged and with handwheels.