

PRODUCT TECHNICAL SPECIFICATION

T-1130 BUTTERFLY VALVE WAFER

SCOPE

Butterfly Valve, Wafer, Ductile Iron
Sizes and Materials comply with the EN
Standards, has TSE Certificate in accordance
with the TS EN 593 Standard
DN 65, 80, 100, 125, 150, 200
PN 25

A. MATERIALS

Body	in accordance with the TS 526 EN 1563/A1 Standard; Ductile Iron, EN GJS 400 (GGG 40.3 according to the older rating)
Disc	in accordance with the TS 526 EN 1563/A1 Standard; Ductile Iron, EN GJS 400 (GGG 40.3 according to the older rating), outer surface EPDM plated
Lever	in accordance with the TS 526 EN 1563/A1 Standard; Ductile Iron, EN GJS 400 (GGG 40.3 according to the older rating)
Stem	Stainless Steel, AISI 410 or 420 or 304
Gasket	EPDM
Sealing Components	EPDM

B. FACE TO FACE DIMENSIONS

TS EN 558-1 SERIES-20

C. WAFER CONNECTION DIMENSIONS

in accordance with the TS EN 1092-2 and BS EN 1092-2 Standards; compatible with the PN 16 connection

D. NOMINAL PRESSURE / OPERATING PRESSURE

PN 25 / 25 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) TSEN593

BODY MATERIAL

IF DUCTILE IRON: EN GJS 400

PRESSURE GRADING: PN25

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

G. PAINT

After Casting: Cast iron parts are primed using Shop Primer

Before Assembly: Epoxy Powder 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 25 bars not only fulfill opening, closing and partial adjustment functions in installations, but also provide 100% sealing in the closed position.

They are compatible with ISO 5211 actuator connection standards providing the torque values for all sizes of butterfly valves in the table below.

Single Acting Pneumatic Actuator

Double Acting Pneumatic Actuator

Multi Turn Electrical Actuator

can be installed, valve closing and opening can be controlled with these actuators.

VALVE SIZE [DN]	TORQUE VALUE [Nm]	TORQUE VALUE x 1.25 [Nm]
65	29	36
80	36	45
100	36	58
125	42	89
150	65	131
200	130	248