



BOSS™ 7XS

PN6 Gate Valves

Data Sheet

General Description

A ductile iron gate valve with bronze trim, available in sizes from DN65 to DN150

Codes

DN65	32021796	DN100	32021815
DN80	32021804	DN150	32021837

Technical Specification

Connections:

BS EN Specification:

Working Pressure at Temperature Range:

PED Classification:

Non Rising Stem

Flanged PN6 BS EN 1092-2

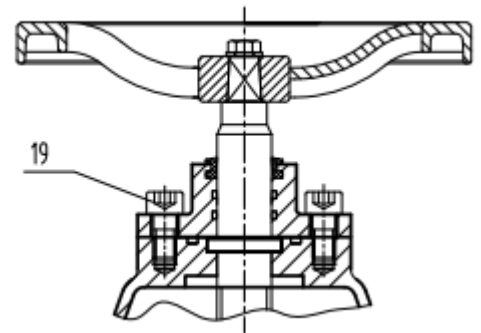
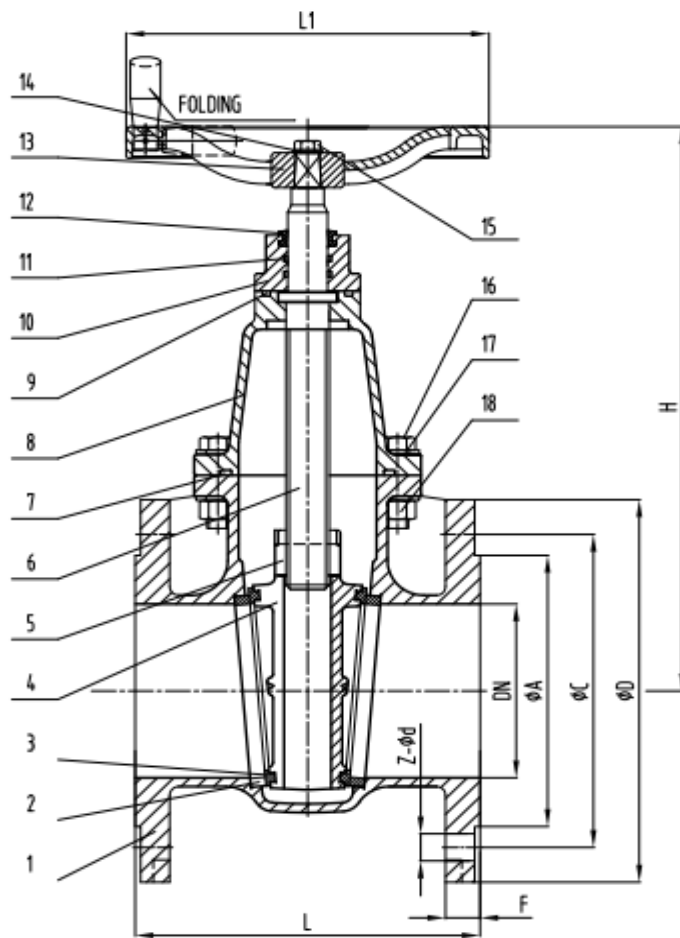
BS EN 1171 (Design and manufacture)

BS EN 558-1 (Face to face dimensions)

BS EN 12266-1 (Testing)

6 bar @ -10 to +120°C

SEP (Sound Engineering Practice)



Dimensions

Product code	DN mm	ØA mm	ØC mm	ØD mm	L mm	L1 mm	H mm	Z-Ød mm	F mm
32021796	65	108	130	160	170	140	245	4-Ø14	16
32021804	80	124	150	190	180	160	279	4-Ø19	18
32021815	100	144	170	210	190	160	325	4-Ø19	18
32021837	150	199	225	265	210	200	425	8-Ø19	20

Materials of Construction

Item	Name	Material	Specification
1	Body	Ductile Iron	EN-GJS-400-15
2	Body Sealing Ring	Bronze	CC491K
3	Wedge Sealing Ring	Bronze	CC491K
4	Wedge	Ductile Iron	EN-GJS-400-15
5	Stem Nut	Brass	CW603N
6	Stem	Stainless Steel	X20Cr13
7	Gasket	EPDM	
8	Bonnet	Ductile Iron	EN-GJS-400-15
9	O-Ring	EPDM	
10	Gland	Ductile Iron	EN-GJS-400-15
11	O-Ring	EPDM	
12	Dust Ring	EPDM	
13	Hand Wheel	Ductile Iron	EN-GJS-400-15
14	Flat Washer	Stainless Steel	X5CrNi18-10
15	Bolt	Stainless Steel	X5CrNi18-10
16	Bolt	Carbon Steel	
17	Flat Washer	Carbon Steel	
18	Nut	Carbon Steel	
19	Screw	Stainless Steel	X5CrNi18-10