



BOSS™ 7XS

BS10 Gate Valves

Data Sheet

General Description

A ductile iron gate valve with bronze trim, available in sizes from DN50 to DN150

Codes

DN50	32021859	DN100 'D'	32021900
DN65	32021870	DN125	32021911
DN80	32021881	DN150	32021922
DN100 'E'	32021892		

Technical Specification

Connections:

BS EN Specification:

Working Pressure: 16 bar

Working Pressure at temperature range:

PED Classification:

Non Rising Stem

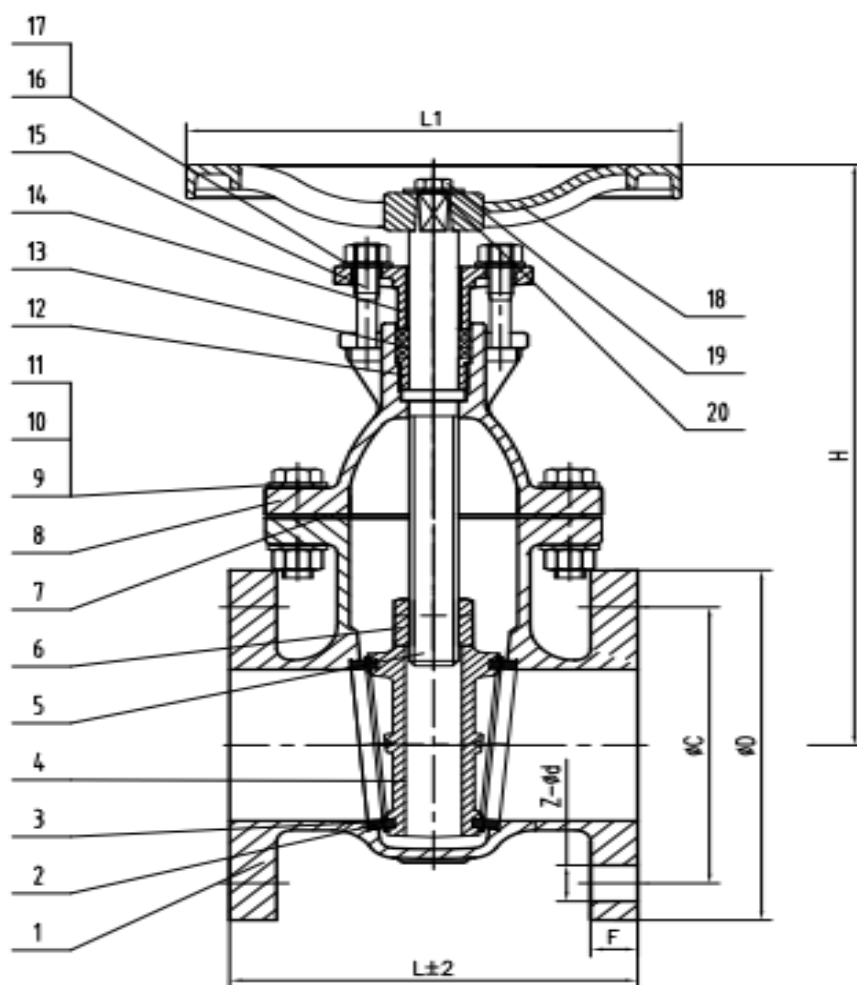
Flanged BS 10 D/E

BS EN 1171 (Design and manufacture)

BS EN 12266-1 (Testing)

6.9 bar @ -17.8 to +120°C

SEP (Sound Engineering Practice)



Dimensions

Product code	DN mm	ØC mm	ØD mm	L mm	L1 mm	H mm	Z-Ød mm	F mm
32021859	50	114	152	146	160	260	4-Ø19	19
32021870	65	127	165	159	160	281	4-Ø19	19
32021881	80	146	184	165	200	307	4-Ø19	19
32021892	100	178	216	171	200	354	8-Ø19	19
32021900 (Table D)	100	178	216	171	200	354	4-Ø19	19
32021911	125	210	254	190	250	413	8-Ø19	19
32021933	150	235	280	210	250	454	8-Ø22	22

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	Stainless Steel	X20Cr13
6	Stem Nut	Brass	CW603N
7	Body Gasket	Graphite & SS304	
8	Bonnet	Ductile Iron	EN-GJS-400-15
9	Bolt	Carbon Steel	
10	Washer	Carbon Steel	
11	Nut	Carbon Steel	
12	Bushing	Stainless Steel	X5CrNi18-10
13	Packing	Graphite	
14	Packing Gland	Ductile Iron	EN-GJS-400-15
15	Washer	Stainless Steel	X5CrNi18-10
16	Nut	Stainless Steel	X5CrNi18-10
17	Bolt	Stainless Steel	X5CrNi18-10
18	Handwheel	Ductile Iron	EN-GJS-400-15
19	Bolt	Stainless Steel	X5CrNi18-10
20	Washer	Stainless Steel	X5CrNi18-10

