



BOSS™ 7XS

PN16 Gate Valves

Data Sheet

General Description

A ductile iron gate valve with bronze trim, available in sizes from DN50 to DN200

Codes

DN50	32021708	DN125	32021752
DN65	32021719	DN150	32021763
DN80	32021730	DN200	32021774
DN100	32021741		

Technical Specification

Connections:

BS EN Specification:

Working Pressure at Temperature Range:

PED Classification :

Non Rising Stem

Flanged PN16 BS EN 1092-2

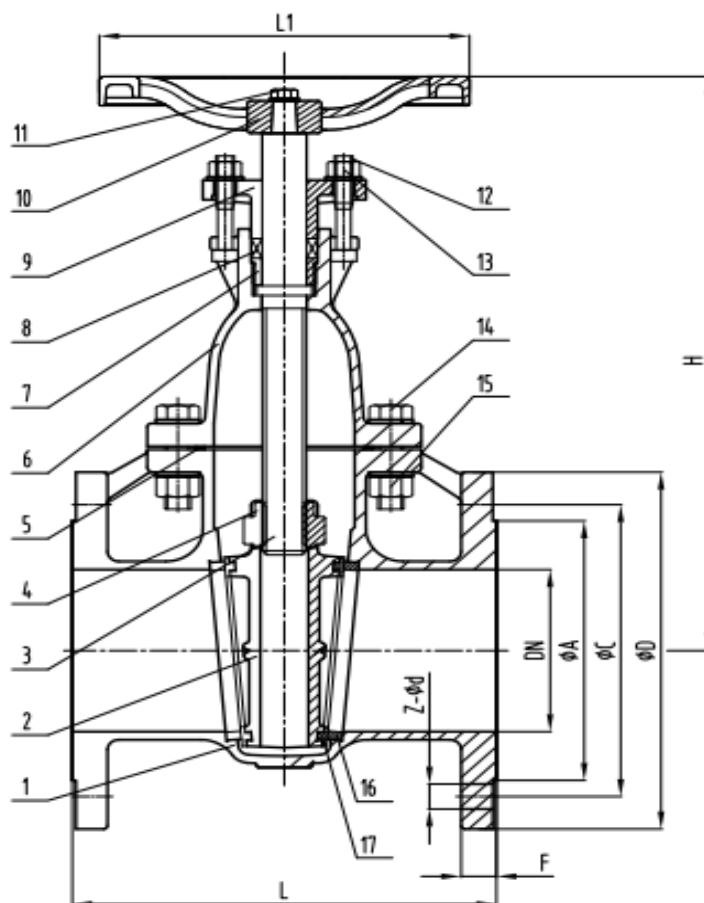
BS EN 1171 (Design and manufacture)

BS EN 558-1 (Face to face dimension)

BS EN 12266-1 (Testing)

16 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
32021708	50	99	125	165	178	160	253	4-Ø19	19
32021719	65	118	145	185	190	160	295	4-Ø19	19
32021730	80	132	160	200	203	200	356	8-Ø19	19
32021741	100	156	180	220	229	200	411	8-Ø19	19
32021752	125	184	210	250	254	250	489	8-Ø19	19
32021763	150	211	240	285	267	250	563	8-Ø23	19
32021774	200	266	295	340	292	280	704	12-Ø23	20

Materials of Construction

Item	Name	Material	Specification
1	Body	Ductile Iron	EN-GJS-400-15
2	Wedge	Ductile Iron	EN-GJS-400-15
3	Stem	Stainless Steel	X20Cr13
4	Stem Nut	Brass	CW603N
5	Seal Ring	Graphite	
6	Bonnet	Ductile Iron	EN-GJS-400-15
7	Bushing	Stainless Steel	X5CrNi18-10
8	Packing	Graphite	
9	Gland	Ductile Iron	EN-GJS-400-15
10	Hand Wheel	Ductile Iron	EN-GJS-400-15
11	Bolt	Stainless Steel	X5CrNi18-10
12	Bolt	Stainless Steel	X5CrNi18-10
13	Nut	Stainless Steel	X5CrNi18-10
14	Bolt	Carbon Steel	
15	Nut	Carbon steel	
16	Body Sealing Ring	Bronze	CC491K
17	Wedge Sealing Ring	Bronze	CC491K