



Gate Valves

Issue 03



It's all at Albion

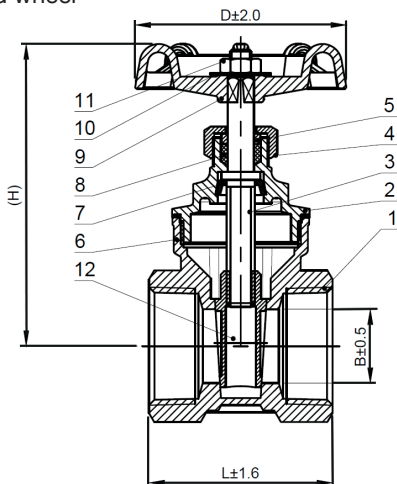
ART 640HW

PN20 DZR Brass Gate Valve



Features

- Screwed BSP Taper (ISO 7/1) or NPT (ANSI B1.20.1)
- DZR brass body & wedge
- Cast hand wheel
- BS5154



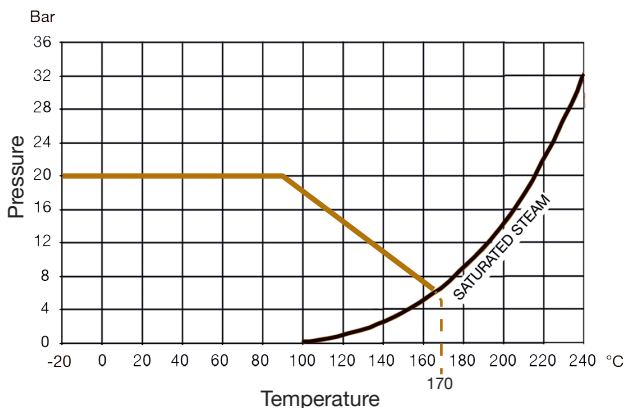
Technical data

Max pressure: 20 Bar

Working temp: -20°C to +170°C

DN	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
L	43	46	52	65	66	82.5
H	69.7	75	84.5	99	109.5	130.5
D	53	53	60	72	72	80
B	13	17	21	27	34	45
Kv	8.4	15.2	22.1	39.8	63.1	142.0
Kgs	0.25	0.33	0.45	0.71	0.93	1.44

N.	Part Name	Materials
1	Body	DZR CW602N
2	Bonnet	DZR CW602N
3	Stem	DZR CW602N
4	Packing Nut	Brass HPb58-2
5	Washer Ring	Brass HPb58-2
6	Gasket	PTFE
7	Lock Ring	Brass HPb58-2
8	Stem Packing	PTFE
9	Hand wheel	Cast Iron HT200
10	Nameplate	Steel L2
11	Hex Nut	Steel Q235A
12	Disc	DZR CW602N

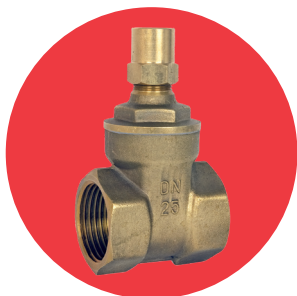


V1. Dimensions in mm

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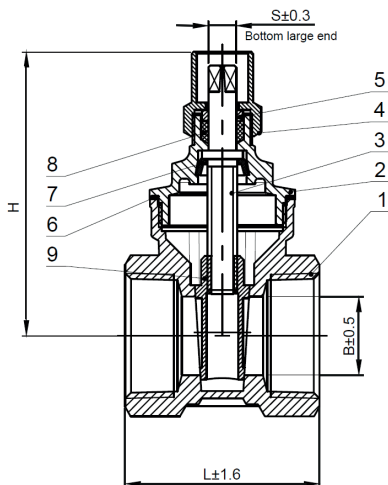
ART 640LS

PN20 DZR Brass Gate Valve



Features

- Screwed BSP Taper (ISO 7/1) or NPT (ANSI B1.20.1)
- DZR brass body & wedge
- Lock shield
- BS5154



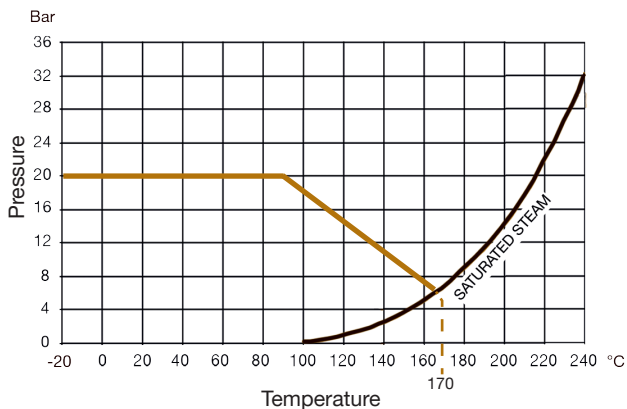
Technical data

Max pressure: 20 Bar

Working temp: -20°C to $+170^{\circ}\text{C}$

DN	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
L	43	46	52	65	66	82.5
H	63.5	67.3	68.9	87.7	96.7	114.5
S	6.3	6.3	6.3	6.3	8.0	8.0
B	13	17	21	27	34	45
Kv	8.4	15.2	22.1	39.8	63.1	142.0
Kgs	0.20	0.27	0.39	0.59	0.83	1.31

N.	Part Name	Materials
1	Body	DZR CW602N
2	Bonnet	DZR CW602N
3	Stem	DZR CW602N
4	Packing Nut	Brass HPb58-2
5	Washer Ring	Brass HPb58-2
6	Gasket	PTFE
7	Lock Ring	Brass HPb58-2
8	Stem Packing	PTFE
9	Disc	DZR CW602N



V1. Dimensions in mm

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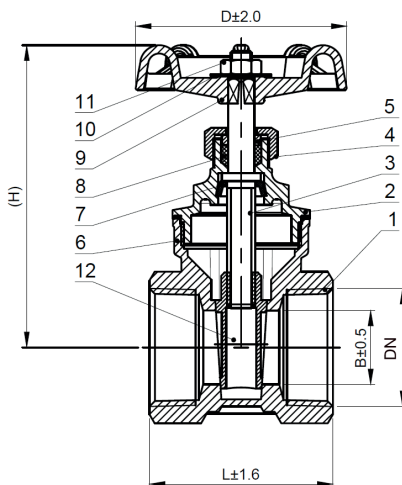
ART 610

PN20 Brass Gate Valve



Features

- Screwed BSP Taper (ISO 7/1)
- Brass body & wedge
- BS5154



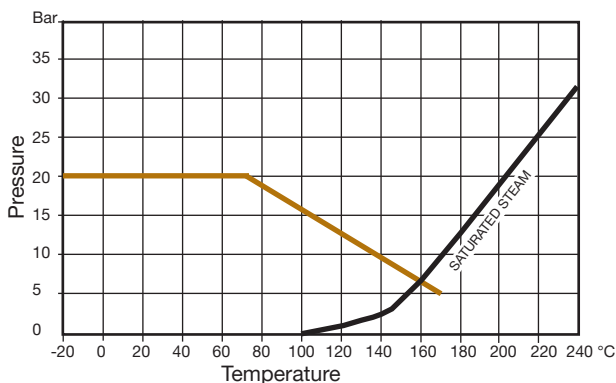
Technical data

Max pressure: 20 Bar

Working temp: -20°C to +170°C

DN	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
L	43	46	52	65	66	82.5	88	92	110
H	69.7	75	84.5	99	109.5	130.5	163	189	232.5
D	53	53	60	72	72	80	100	108	128
B	13	17	21	27	34	45	56	68	90
Kv	8.4	15.2	22.1	39.8	63.1	142.0			
Kgs	0.25	0.33	0.46	0.82	1.10	1.60	2.62	3.41	6.05

N.	Part Name	Materials
1	Body	Brass HPb58-2
2	Bonnet	Brass HPb58-2
3	Stem	Brass CW617N
4	Packing Nut	Brass HPb58-2
5	Washer Ring	Brass HPb58-2
6	Gasket	PTFE
7	Lock Ring	Brass HPb58-2
8	Stem Packing	PTFE
9	Hand Wheel	Cast Iron HT200
10	Nameplate	Steel L2
11	Hex Nut	Steel Q235A
12	Disc	Brass HPb58-2



V1. Dimensions in mm

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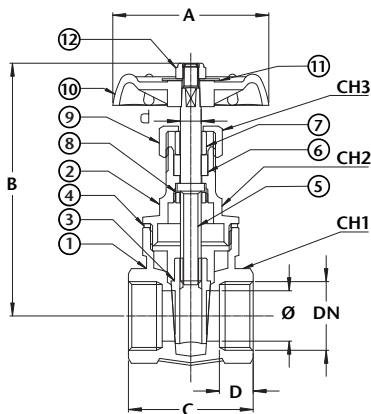
ART 175

PN25 Brass Gate Valve



Features

- Screwed BSP Taper (ISO 7/1)
- Full bore
- BS5154
- Kite Marked KM553179



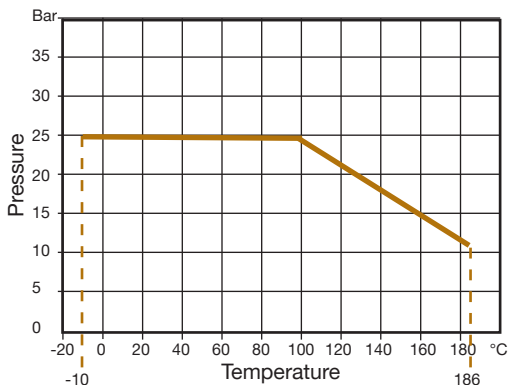
Technical data

Max pressure: 25 Bar

Working temp: -10°C to +186°C

DN	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
Ø	13	19.4	26	32	38.5	50.4
A	55	60	65	75	80	90
B	81	97	107.5	121.5	142	165.5
C	44	48	55	61	65	71
D	12	13	15.5	16.5	18	19
CH1	27	33	40	50	56	69
CH2	22	24	26	32	42	52
CH3	19	21	21	25	25	29
d	8	8	9	10	11	12
Kv	10	36	61	90	189	276
Kgs	0.28	0.40	0.55	0.83	1.24	1.85

N.	Part Name	Materials
1	Body	Brass CW617N
2	Bonnet	Brass CW617N
3	Wedge	Brass CW617N
4	Packing	Graphite
5	Stem	Brass CW617N
6	Gasket	PTFE
7	Gland Screw	Brass CW617N
8	Cap	Brass CW617N
9	Nut	Brass CW617N
10	Handwheel	Steel
11	Plate	Aluminium
12	Self-Locking Nut	Steel

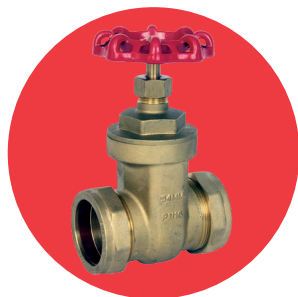


V2. Dimensions in mm

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ART 615

PN16 Brass Gate Valve



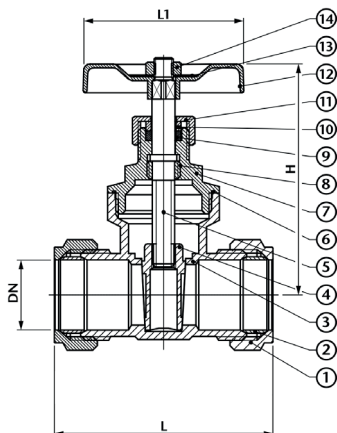
Features

- Compression Ends
- Brass body & wedge
- BS5154

Technical data

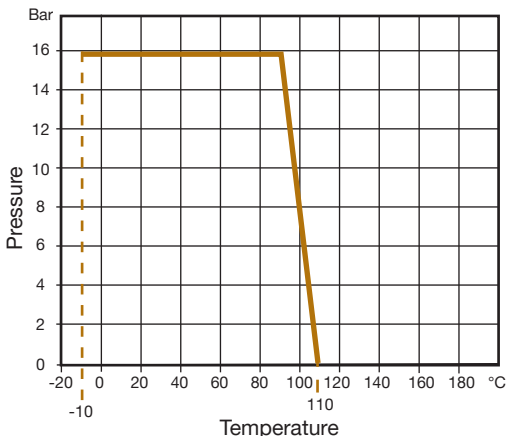
Max pressure: 16 Bar

Working temp: -10°C to +110°C



DN	15	22	28	35	42	54
L	60	68	76	93	98	118
L1	49	49	59	77	77	100
H	65	74.5	84	126	134	162
Kv	20	33	57	112	185	257
Kgs	0.25	0.37	0.52	1.04	1.35	2.23

N.	Part Name	Materials
1	Compression Nut	Brass HPb59-1
2	Olive	T2
3	Body	Brass HPb59-1
4	Wedge	Brass HPb59-1
5	Stem	Brass HPb59-1
6	Seat	PTFE
7	Bonnet	Brass HPb59-1
8	Lock Ring	Brass HPb59-1
9	Packing	PTFE
10	Packing Gland Washer	Brass HPb59-1
11	Packing Gland Nut	Brass HPb59-1
12	Handwheel	Cast Iron
13	Nameplate	Aluminium
14	Nut	Brass HPb59-1



V1. Dimensions in mm

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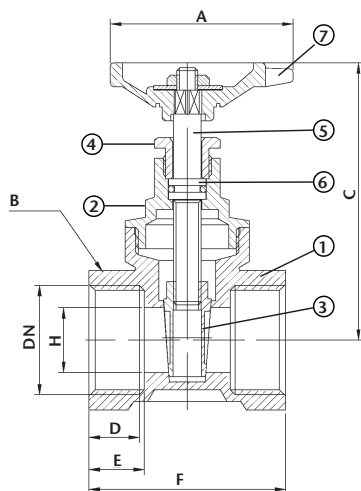
ART 611

PN16 Brass Gate Valve



Features

- Screwed BSP Parallel
- Brass body & wedge



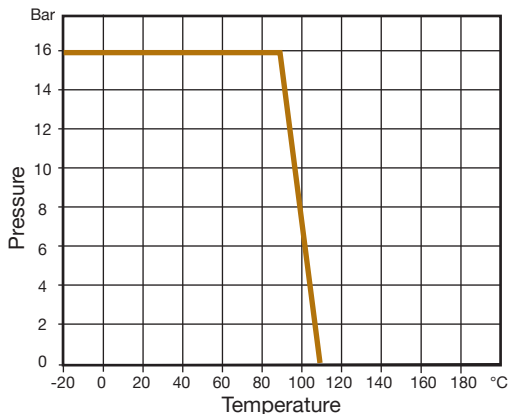
Technical data

Max pressure: 16 Bar

Working temp: -20°C to +110°C

DN	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
A	55	55	55	55	60	70	70	80
B	24	24	24	31	37	47	54.5	65
C	65	65	65	66	70	98	105	122
D	10	10	10.5	11	12	12	14	14
E	11	11	11	11.5	12.5	13	15	15
F	39	39	39	41	47	51	58	58
H	11	12	13	15	19	25	31	37
Kgs	0.20	0.20	0.20	0.40	0.40	0.55	0.80	1.16

N.	Part Name	Materials
1	Body	Brass
2	Body End	Brass
3	Wedge	Brass
4	Gland Nut	Brass
5	Stem	Brass
6	Stem Packing	PTFE
7	Handwheel	Cast Iron



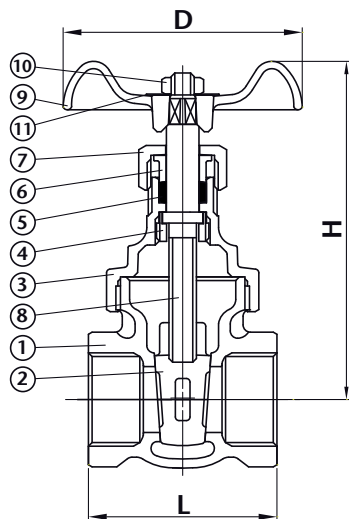
ART 375HW

PN20 Bronze Gate Valve



Features

- Available in Screwed BSP Taper (ISO 7/1) or NPT (ANSI B1.20.1)
- BS 5154 (BS EN12288) / MSS-SP-80



Technical data

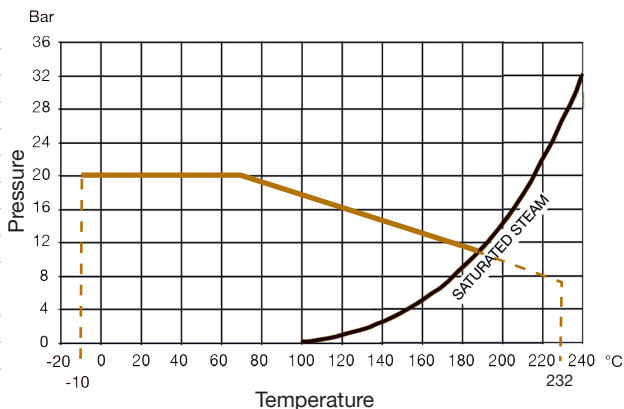
Max pressure: 20 Bar

Working temp: -10°C to +232°C

DN	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
L	47.5	51.5	58.6	63.0	66.5	73.5
H	78	94	109	120	142	163
D	53.0	63.5	68.5	80.0	90.0	103.0
Kv	18.3	33.2	54.1	108.2	141.5	249.8
Kgs	0.35	0.49	0.69	0.96	1.26	1.95

N. Part Name Materials

1	Body	Bronze ASTM B62 C83600
2	Disc	Bronze ASTM B62 C83600
3	Bonnet	Bronze ASTM B62 C83600
4	Lock Nut	Brass ASTM B16 C36000
5	Stem Packing	PTFE
6	Gland	Brass ASTM B16 C36000
7	Packing Nut	Brass ASTM B16 C36000
8	Stem	Brass ASTM B16 C36000
9	Handwheel	Cast Iron ASTM A126 CLASS B
10	Wheel Nut	Steel Zn Plated ASTM A563
11	Nameplate	Aluminium ASTM B29 1100

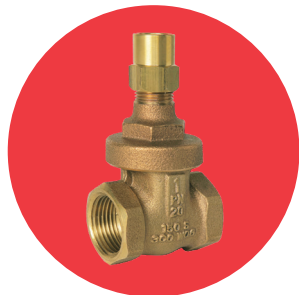


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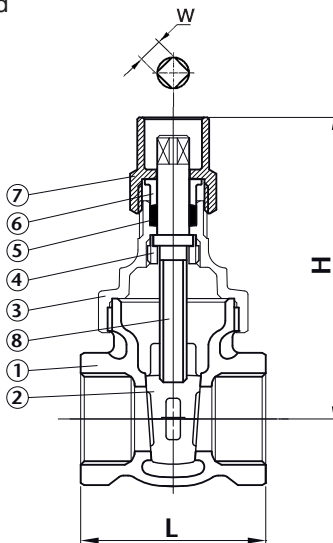
ART 375LS

PN20 Bronze Gate Valve



Features

- Available in Screwed BSP Taper (ISO 7/1) or NPT (ANSI B1.20.1)
- BS 5154 (BS EN12288) / MPP-SP-80
- Lockshield



Technical data

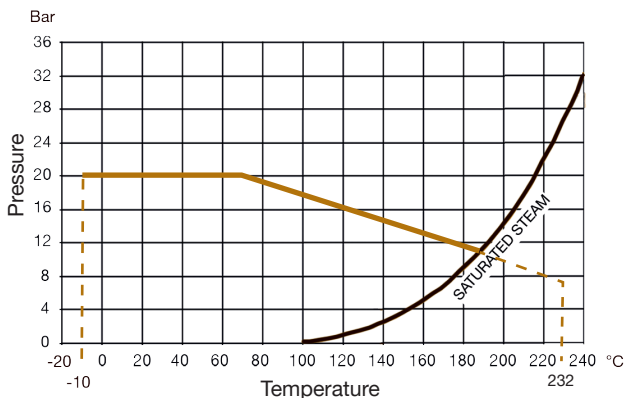
Max pressure: 20 Bar

Working temp: -10°C to +232°C

DN	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
L	47.5	51.5	58.6	63.0	66.5	73.5
H	70.0	80.5	94.0	110.5	123.5	146.5
W	6.25	6.25	6.25	7.8	7.8	9.5
Kv	18.3	33.2	54.1	108.2	141.5	249.8
Kgs	0.31	0.46	0.56	0.79	1.06	1.62

N. Part Name Materials

1	Body	Bronze ASTM B62 C83600
2	Disc	Bronze ASTM B62 C83600
3	Bonnet	Bronze ASTM B62 C83600
4	Lock Nut	Brass ASTM B16 C36000
5	Stem Packing	PTFE
6	Gland	Brass ASTM B16 C36000
7	Packing Nut	Brass ASTM B16 C36000
8	Stem	Brass ASTM B16 C36000



ART 365HW

PN20 Bronze Gate Valve

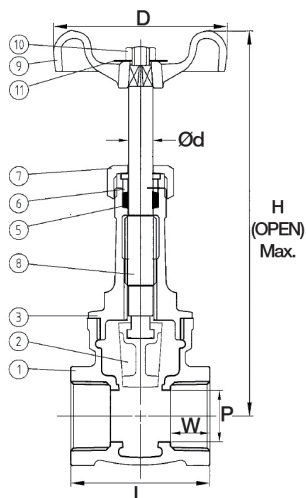


Technical data

Max pressure: 20 Bar
Working temp: -20°C to +232°C

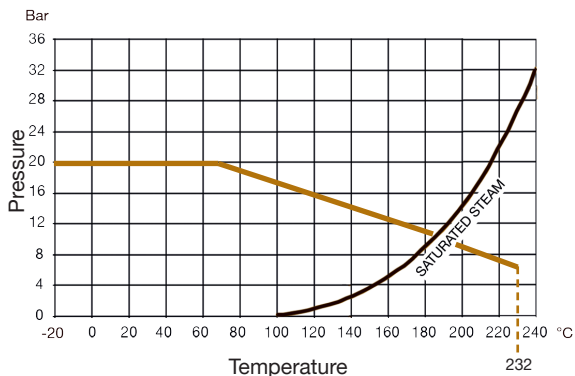
Features

- Available in Screwed BSP Taper (ISO 7/1) or NPT (ANSI B1.20.1)
- BS 5154 (BS EN12288) / MSS-SP-80
- Screwed bonnet
- Rising stem



DN	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
L	48.0	52.0	59.0	64.0	68.0	74.5
H	117	140	167	195	222	264
D	53	64	73	80	90	102
P	13.0	19.0	25.0	31.7	38.1	50.0
W	13.7	15.0	17.8	18.0	19.0	20.5
d	7.9	8.9	10.2	10.9	12.2	13.5
Kv	19.0	34.6	56.2	112.3	146.9	259.2
Kgs	0.35	0.53	0.75	1.05	1.41	2.03

N.	Part Name	Materials
1	Body	Cast Bronze ASTM B62 C83600
2	Disc	Cast Bronze ASTM B62 C83600
3	Bonnet	Cast Bronze ASTM B62 C83600
5	Stem Packing	Teflon PTFE
6	Gland	Brass ASTM B16 C36000
7	Packing Nut	Brass ASTM B16 C36000
8	Stem	Brass ASTM B16 C36000
9	Handwheel	Cast Iron ASTM A126 CLASS B
10	Wheel Nut	Steel ASTM A563 Zn Plated
11	Nameplate	Aluminium ASTM B29 1100

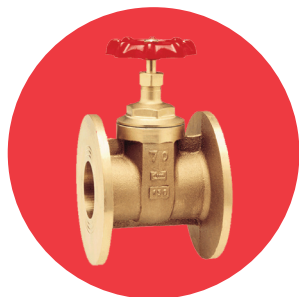


V1. Dimensions in mm

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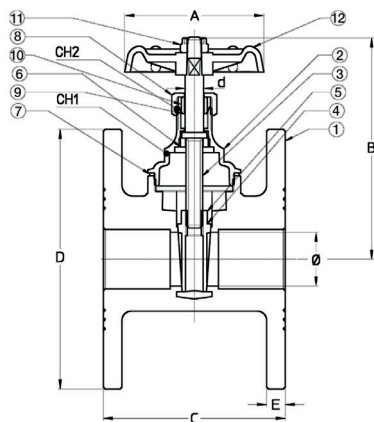
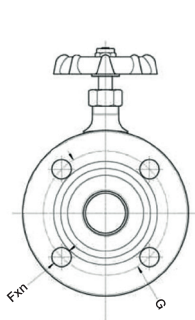
ART 335

PN16 Flanged Bronze Gate Valve



Features

- Flanged PN16 (undrilled on request)
- BS 5154 (BS EN12288)



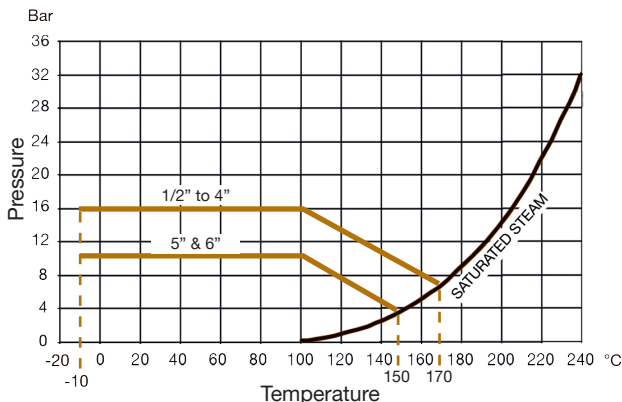
Technical data

Max pressure: (1/2" - 4") 16 Bar
 (5" - 6") 10 Bar
 Working temp: (1/2" - 4") -10°C to +170°C
 (5" - 6") -10°C to +150°C

DN	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	5"	6"
Ø	15	20	25	32	40	50	70	80	100	125	150
A	55	60	65	75	80	90	110	120	140	175	175
B	84	96.5	104	120.5	135	148.5	185.5	206	264	316.5	361
C	68	84.5	89	97.5	113	124	153.5	158	169.5	192	209.5
D	95	105	119	138.5	147	165	183.5	199	229	259	289
E	8.5	9	9.5	10	10.5	9	12	12	14	16	18
CH1	24	30	32	32	39	47	55	66	84	114	136
CH2	18	18	18	21	23	25	30	30	37	45	50
d	8	8	8	10	10	12	13	14	17	19	21
Fxn	14x4	14x4	14x4	18x4	18x4	18x4	18x4	18x8	18x8	18x8	22x8
G	65	75	85	100	110	125	145	160	180	210	240
Kv	12	39	61	96	171	246	372	660	1212	1500	1818
Kgs	1.15	1.66	2.44	3.18	4.17	5.13	6.54	10.13	15.06	22.54	29.8

N. Part Name Materials

1	Body	Bronze CC491K
2	Bonnet	Brass CW617N
3	Stem	Brass CW617N
4	Wedge	1/4" - 4" Brass CW617N
5	Wedge	5" - 6" Bronze CC491K
6	Stem Ring	Brass CW617N
7	Packing	NA 1030 Gr
8	Gland Nut	Brass CW617N
9	Gland Packing	AF 15/MA
10	Gland	Brass CW617N
11	Nut	Steel
12	Handwheel	Aluminium Alloy

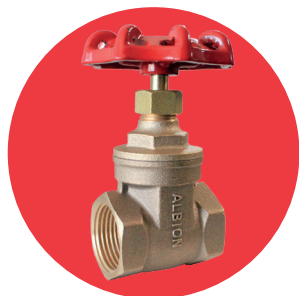


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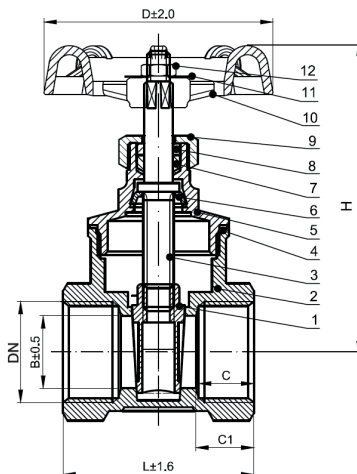
ART 330HW

PN20 Bronze Gate Valve



Features

- Screwed BSP Taper (ISO 7/1) or NPT (ANSI B1.20.1)
- Non Rising Stem
- BS5154 / MSS-SP-80



Technical data

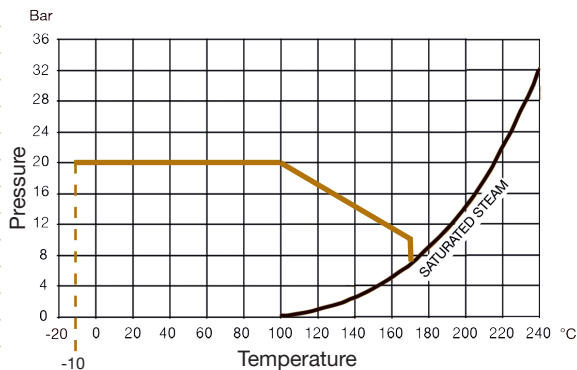
Max pressure: 20 Bar

Working temp: -10°C to +170°C

DN	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
L	45	48.5	55	61	63	73
H	71.5	81.0	94.7	108.0	122.5	147.0
D	53	60	72	72	80	100
B	15	20	25	32	38	50
C	12.0	12.5	14.0	15.0	15.0	17.5
C1	13.2	13.5	15.2	16.0	16.5	19.0
Kv	13.5	27.5	35.3	85.0	126.4	176.0
Kgs	0.28	0.38	0.57	0.86	1.02	1.78

N. Part Name Materials

1	Disc	Bronze C83600 ASTM B62
2	Body	Bronze C83600 ASTM B62
3	Stem	DZR CW602N ASTM C35330
4	Washer	PTFE
5	Bonnet	Bronze C83600 ASTM B62
6	Lock Nut	Brass Hpb58-2 (C38000) ASTM B455
7	Packing	PTFE
8	Gland	Brass Hpb58-2 (C38000) ASTM B455
9	Packing Nut	Brass Hpb58-2 (C38000) ASTM B455
10	Handwheel	Cast Iron HT200 ASTM A48
11	Nameplate	Aluminium
12	Hex Nut	Stainless Steel 304 ASTM A240

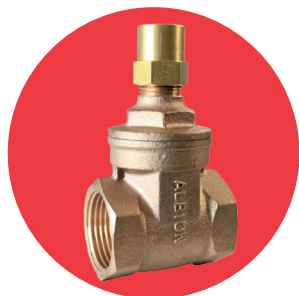


V1. Dimensions in mm

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ART 330LS

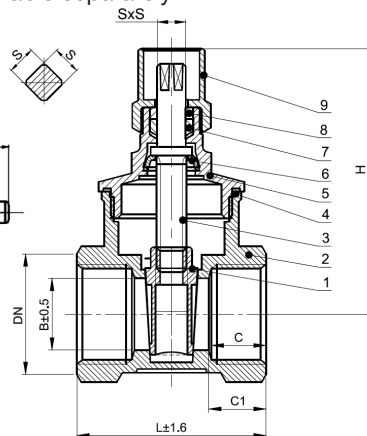
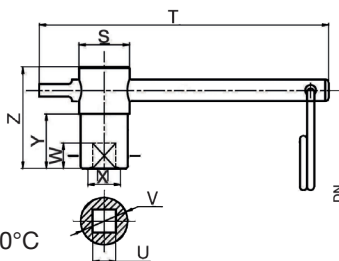
PN20 Bronze Gate Valve



Features

- Screwed BSP Taper (ISO 7/1) or NPT (ANSI B1.20.1)
- Non Rising Stem
- BS5154 / MSS-SP-80
- Lock Shield - Key available separately

Key Information



Technical data

Max pressure: 20 Bar

Working temp: -10°C to +170°C

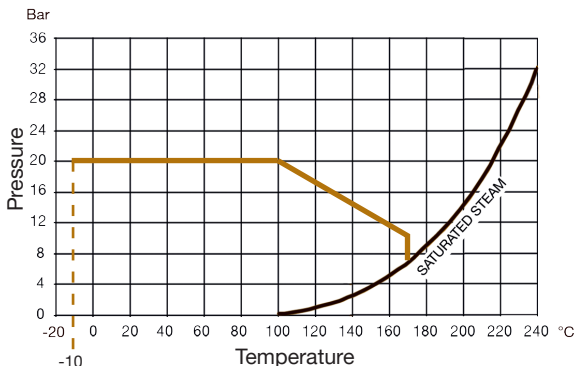
DN	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
L	45	48.5	55	61	63	73
H	63.5	72	81.5	96	108	136
SxS	6.3	6.3	6.3	6.3	8.0	8.0
B	15	20	25	32	38	50
C	12.0	12.5	14.0	15.0	15.0	17.5
C1	13.2	13.5	15.2	16.0	16.5	19.0
Key Req'd	Small	Small	Small	Small	Large	Large
Kv	13.5	27.5	35.3	85.0	126.4	176.0
Kgs	0.22	0.31	0.45	0.69	0.94	1.51

N. Part Name Materials

1	Disc	Bronze C83600 ASTM B62
2	Body	Bronze C83600 ASTM B62
3	Stem	DZR CW602N ASTM C35330
4	Washer	PTFE
5	Bonnet	Bronze C83600 ASTM B62
6	Lock Nut	Brass Hpb58-2 (C38000) ASTM B455
7	Packing	PTFE
8	Gland	Brass Hpb58-2 (C38000) ASTM B455
9	Packing Nut	Brass Hpb58-2 (C38000) ASTM B455

Key Information

	Z	Y	X	W	T	S	ØV	U
Small	28	15	9	7	80	14	13	S6.4*6.4
Large	32	15	12	9	120	14	15.5	S8.1*8.1

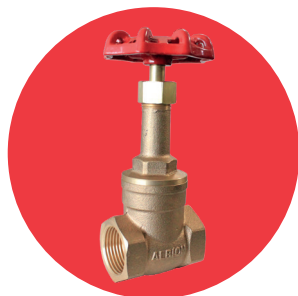


V1. Dimensions in mm

This data sheet is designed as a guide and should not be regarded as wholly accurate in every detail. We reserve the right to amend the specification of any product without notice.

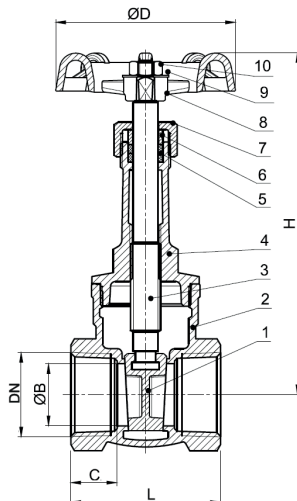
ART 325HW

PN20 Bronze Gate Valve



Features

- Screwed BSP Taper (ISO 7/1) or NPT (ANSI B1.20.1)
- Rising Stem
- BS5154 / MSS-SP-80



Technical data

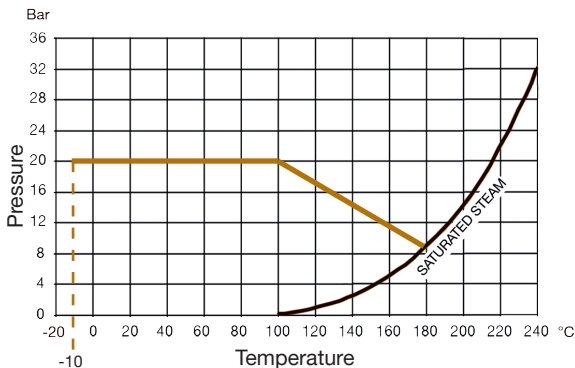
Max pressure: 20 Bar

Working temp: -10°C to +170°C

DN	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
L	50	52	60	65	68	75
H	95.0	116.5	137.5	159.5	179.0	221.5
D	60	72	72	78	90	100
B	13.0	20.0	25.0	32.0	38.1	50.0
C	15	15	18.5	19	19	21
Kv	9.6	24.1	32.4	69.7	90.3	180.0
Kgs	0.37	0.56	0.80	1.14	1.45	2.33

N. Part Name Materials

1	Disc	Bronze C87800 ASTM B176
2	Body	Bronze C83600 ASTM B62
3	Stem	DZR CW602N ASTM C35330
4	Bonnet	Bronze C83600 ASTM B62
5	Gasket	PTFE
6	Stem Packing	Brass Hpb58-2 (C38000) ASTM B455
7	Packing Nut	Brass Hpb58-2 (C38000) ASTM B455
8	Handwheel	Cast Iron HT200 ASTM A48
9	Nameplate	Aluminium
10	Hex Nut	Stainless Steel 304 ASTM A240



V1. Dimensions in mm

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ART 960

PN16 Stainless Steel Gate Valve

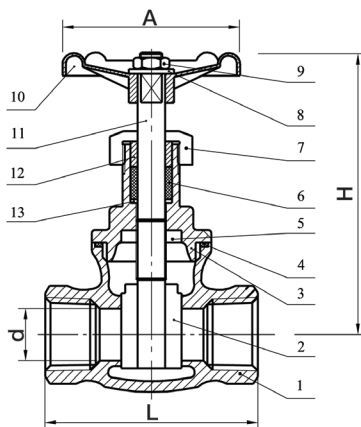


Technical data

Max pressure: 16 Bar
Working temp: -25°C to +180°C

Features

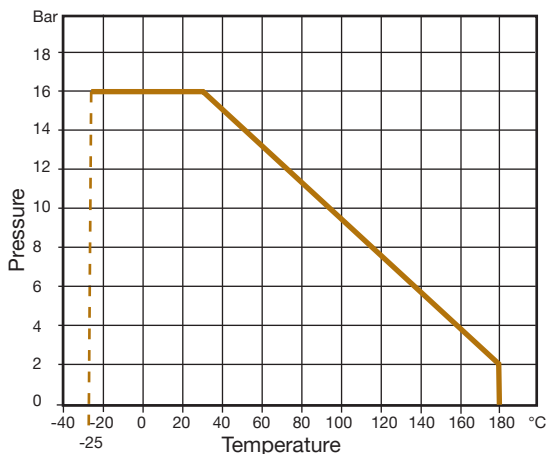
- BSP Parallel (ISO 7/1)
- Full bore
- PN16 rated



DN	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
d	10	12	15	20	25	32	40	50
L	42	42	53	57	64	73	76	88
H	98	98	98	104	115	125	137	160
A	65	65	65	77	77	97	97	97
Kv	3.4	4.9	7.1	9.2	18.5	26.0	38.0	59.0
Kgs	0.42	0.42	0.41	0.53	0.69	0.99	1.31	1.85

N. Part Name Materials

1	Body	CF8M
2	Disc	CF8M
3	Bonnet	CF8M
4	Gasket	PTFE
5	Snap Washer	Stainless Steel 316
6	Packing	PTFE
7	Packing Nut	Stainless Steel 316
8	Washer	Stainless Steel 304
9	Wheel Nut	Stainless Steel 304
10	Handwheel	Aluminium Alloy
11	Stem	Stainless Steel 316
12	Gland	Stainless Steel 304
13	Snap Washer	Stainless Steel 304



V1. Dimensions in mm

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ART 235

PN16 Cast Iron Gate Valve



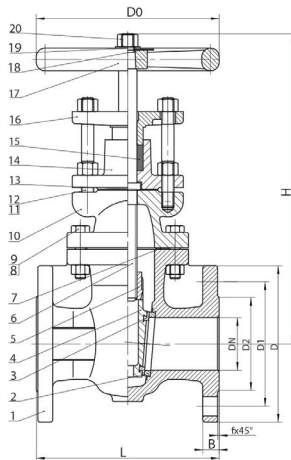
Features

- Flange mounting PN16 only
- BS5150 (BS EN558-1 series 3)
- Non-rising stem



Technical data

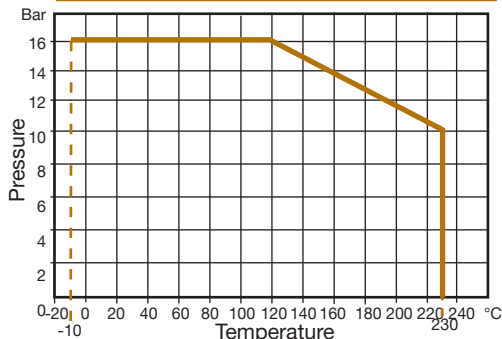
Max pressure: 16 Bar
Working temp: -10°C to +230°C



DN	50	65	80	100	125	150	200	250	300	350	400	450	500	600
L	178	190	203	229	254	267	292	330	356	381	406	432	457	508
D	165	185	200	220	250	285	340	405	460	520	580	640	715	840
D1	125	145	160	180	210	240	295	355	410	470	525	585	650	770
D2	99	118	132	156	184	211	266	319	370	429	480	548	609	720
B	20	20	22	24	26	26	30	32	32	36	38	40	42	48
f	3	3	3	3	3	3	3	3	4	4	4	4	4	5
n-d	4-19	4-19	8-19	8-19	8-19	8-23	12-23	12-28	12-28	16-28	16-31	20-31	20-34	20-37
D0	178	178	200	254	300	300	348	400	457	560	560	610	610	765
H	302	332	335	423	485	545	644	769	860	987	1044	1148	1257	1418
Kgs	16.5	21.6	26.5	47.2	68.0	87.0	118.0	197.0	275.0	370.0	460.0	635.0	800.0	1135.0

N.	Part Name	Materials
1	Body	Cast Iron BS EN1561 EN-GJL-250
2	Body Sealed Ring	Cast Bronze BS1400 LG2
3	Wedge Sealed Ring	Cast Bronze BS1400 LG2
4	Wedge	Cast Iron BS EN1561 EN-GJL-250
5	Stem Nut	Cast Brass BS1400 PCB1
6	Stem	Stainless Steel BS970 420S37
7	Gasket	Graphite
8	Bolt	Steel BS970 43A
9	Nut	Steel BS970 43A
10	Bonnet	Cast Iron BS EN1561 EN-GJL-250
11	Studs	Steel BS970 43A
12	Nut	Steel BS970 43A
13	Stuffing Box Gasket	Graphite
14	Stuffing Box	Cast Iron BS1561 EN-GJL-250
15	Packing	Graphite
16	Gland Follower	Ductile Iron BS EN1563 EN-GJS-450-10

N.	Part Name	Materials
17	Handwheel	Cast Iron BS EN1561 EN-GJL-250
18	Disc	Aluminium
19	Washer	Steel BS970 43A
20	Nut	Steel BS970 43A

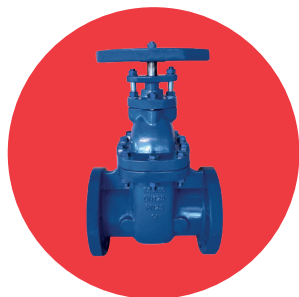


V1. Dimensions in mm

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ART 233 PN25

PN25 Cast Iron Gate Valve

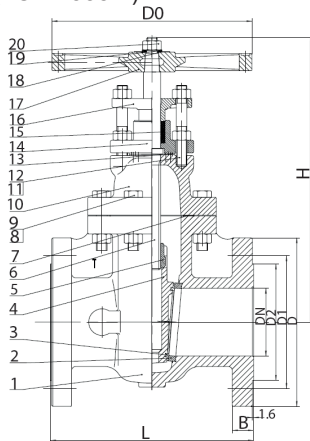


Features

- Flange mounting PN25 only
- Flange conforms to BS EN1092 PN25
- Conforms to BS5150 (BS EN558-1)
- Non-rising stem

Technical data

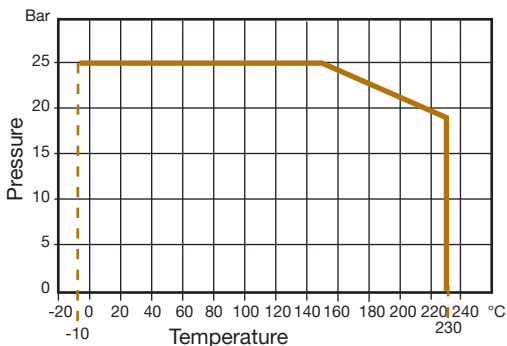
Max pressure: 25 Bar
Working temp: -10°C to +230°C



DN	2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"
L	215.9	241.3	282.5	304.8	381.0	403.2	419.1	457.0	502.0
D	165	191	210	254	279	318	381	445	521
D1	127	149	168	200	235	270	330	387	451
D2	106.0	125.0	144.0	176.0	211.0	246.0	303.0	357.5	418.0
f	3	3	3	3	3	3	3	3	4
B	22.2	25.4	28.6	31.8	34.9	36.5	41.3	47.6	50.8
n-d	8-19	8-22.2	8-22.2	8-22.2	8-22.2	12-22.2	12-25	16-29	16-32
D0	175	200	254	300	300	348	400	457	457
H	303	338	375	424	499	561	665	810	905
Kgs	17.1	23.0	27.5	47.7	70.0	89.0	126.0	208.0	289.0

N.	Part Name	Materials
1	Body	Cast Iron BS EN1561 EN-GJL-250
2	Body Seat Ring	Cast Bronze BS1400 LG2
3	Wedge Seat Ring	Cast Bronze BS1400 LG2
4	Wedge	Cast Iron BS EN1561 EN-GJL-250
5	Wedge Nut	Cast Brass BS1400 PCB1
6	Stem	Brass BS2874 CZ122
7	Gasket	Graphite
8	Bolt	Steel BS970 43A
9	Nut	Steel BS970 43A
10	Bonnet	Cast Iron BS EN1561 EN-GJL-250
11	Gland Follower Bolt	Steel BS970 43A
12	Nut	Steel BS970 43A
13	Gasket	Graphite
14	Stuffing Box	Cast Iron BS EN1561 EN-GJL-250
15	Packing	Graphite
16	Gland Follower	Ductile Iron BS EN1563 EN-GJS-450-10
17	Handwheel	Cast Iron BS EN1561 EN-GJL-250

N.	Part Name	Materials
18	Identification Plate	Aluminium
19	Washer	Steel BS970 43A
20	Nut	Steel BS970 43A



V1. Dimensions in mm

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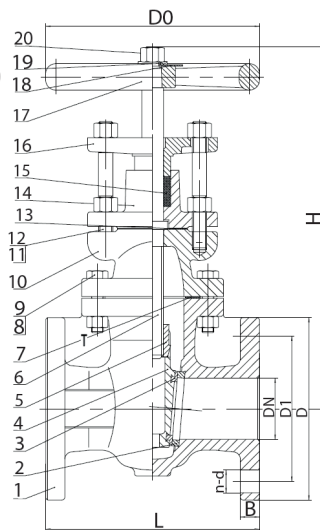
ART 234 ANSI

Cast Iron Gate Valve



Features

- Flanged ANSI 125 (B16.1)
- Class 125 rated
- Non-rising stem
- Conforms to ASME B16.10
- MSS-SP-70



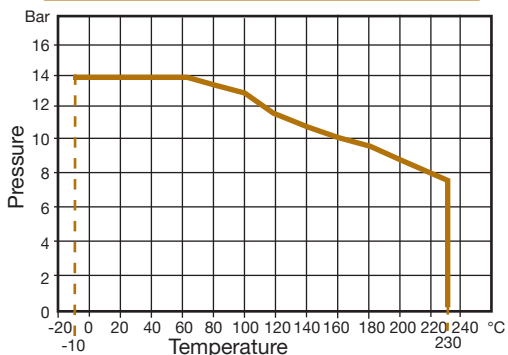
Technical data

Max pressure: 13.8 Bar
Working temp: -10°C to +230°C

DN	2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"	14"	16"	18"	20"	24"
L	178	190	203	229	254	267	292	330	356	381	406	432	457	508
D	152	178	190	229	254	279	343	406	483	533	597	635	699	813
D1	121	140	153	191	216	241	299	362	432	476	540	578	635	750
B	16	18	19	24	24	25	29	30	32	35	37	40	43	48
n-d	4-19	4-19	4-19	8-19	8-22.2	8-22.2	8-22.2	12-25.4	12-25.4	12-28.6	16-28.6	16-32	20-32	20-35
D0	178	178	200	254	300	300	348	400	457	560	560	610	610	765
H	302	332	335	423	485	545	644	769	860	987	1044	1148	1257	1418
Kgs	16.5	21.6	26.5	47.2	68.0	87.0	118.0	197.0	275.0	370.0	462.5	635.0	800.0	1135.0

N. Part Name	Materials
1 Body	Cast Iron ASTM A 126-B
2 Body Seat Ring	Cast Bronze ASTM B 62
3 Wedge Seat Ring	Cast Bronze ASTM B 62
4 Wedge	Cast Iron ASTM A 126-B
5 Wedge Nut	Cast Brass Mn-Brass
6 Stem	Brass ASTM B 16
7 Gasket	Graphite Non Asbestos
8 Bolt	Steel ASTM A 307 B
9 Nut	Steel ASTM A 563 B
10 Bonnet	Cast Iron ASTM A 126-B
11 Gland Follower Bolt	Steel
12 Nut	Steel
13 Gasket	Graphite Non Asbestos
14 Stuffing Box	Cast Iron ASTM A 126-B
15 Packing	Graphite Non Asbestos
16 Gland Follower	Ductile Iron ASTM A 536 65-45-12
17 Handwheel	Cast Iron ASTM A 126-B

N. Part Name	Materials
18 Identification Plate	Aluminium
19 Washer	Steel
20 Nut	Steel ASTM A 563 B



V1. Dimensions in mm

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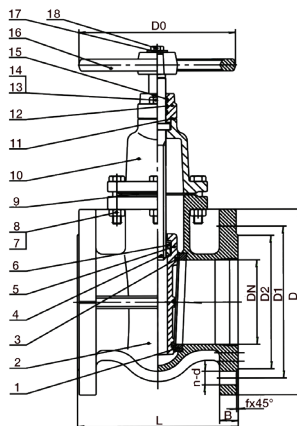
ART 105

PN16 Ductile Iron Gate Valve



Features

- Flanged Mounting PN16 only
- BS EN558-1 Series 14
- DIN 3352F4



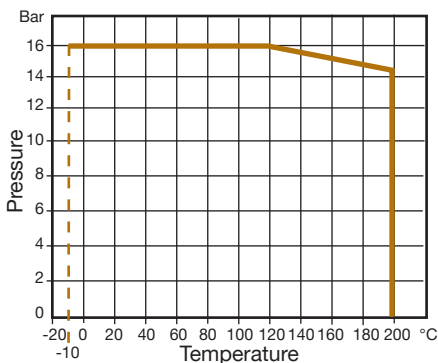
Technical data

Max pressure: 16 Bar

Working temp: -10°C to +200°C

DN	50	65	80	100	125	150	200	250	300
L	150	170	180	190	200	210	230	250	270
D	165	185	200	220	250	285	340	405	460
D1	125	145	160	180	210	240	295	355	410
D2	99	118	132	156	184	211	266	319	370
B	16	16	17	17	18	20	21	23	24
f	2	2	2	2	3	3	3	3	4
n-d	4-19	4-19	8-19	8-19	8-19	8-23	12-23	12-28	12-28
D0	130	130	150	185	185	195	225	245	285
Kgs	11	15	18	22	31	40	60	85	135

N.	Part Name	Materials
1	Body Seat Ring	Cast Brass DIN17656 G-CuZn37Pb
2	Body	Ductile Iron DIN1693 GGG50
3	Wedge Seat Ring	Cast Brass DIN17656 G-CuZn37Pb
4	Stem	Stainless Steel DIN17440 X20Cr13
5	Wedge	Ductile Iron DIN1693 GGG50
6	Stem Nut	Cast Brass
7	Bolt	Steel DIN17100 RSt37-2
8	Nut	Steel DIN17100 RSt37-2
9	Flange Gasket	Graphite
10	Bonnet	Ductile Iron DIN1693 GGG50
11	Stuffing Box Gasket	
12	Stuffing Box	Ductile Iron DIN1693 GGG50
13	Bolt	Steel DIN17100 RSt37-2
14	Nut	Steel DIN17100 RSt37-2
15	O-Ring	NBR
16	Handwheel	Cast Iron DIN1691 GG25
17	Washer	Steel DIN17100 RSt37-2
18	Bolt	Steel DIN17100 RSt37-2



V1. Dimensions in mm

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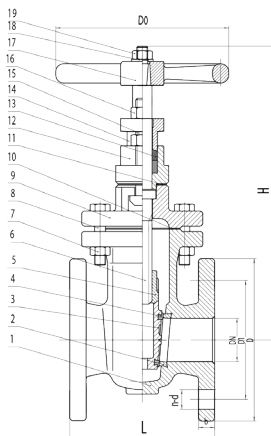
ART 210

BS 10 Cast Iron Gate Valve



Features

- Flange mounting BS10 Table 'E' and 'D'
- BS3464
- Non rising stem



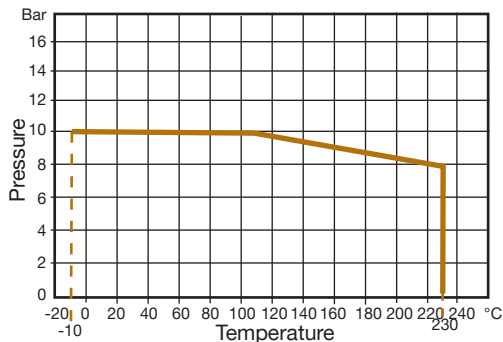
Technical data

Max pressure: 10 Bar

Working temp: -10°C to +230°C

DN	50	65	80	100	100	125	150	200	250	250	300
Table	D/E	D/E	D/E	D	E	D/E	D/E	D/E	D	E	D/E
L	146	159	165	171	171	190	210	241	273	273	305
D	155	175	185	210	210	250	280	330	400	400	445
D1	114	127	146	178	178	210	235	292	356	356	406
b	16	16	17	18	18	18	21	23	26	26	28
n-d	4-17.5	4-17.5	4-17.5	4-17.5	8-17.5	8-17.5	8-22.2	8-22.2	8-22.2	12-22.2	12-25.4
D0	160	160	160	200	200	250	250	250	320	320	320
H	292	324	360	380	380	454	490	578	711	711	767
Kgs	14	18	22	28	28	42	53	77	123	123	152

N.	Part Name	Materials
1	Body	Cast Iron GJL 250
2	Body Sealed Ring	Cast Bronze BS1400 L92
3	Wedge	Cast Iron GJL 250
4	Wedge Seat Ring	Cast Bronze BS1400 L92
5	Stem Nut	Cast Brass BS1400
6	Stem	Stainless Steel BS970 420S37
7	Nut	Steel BS970 43A
8	Bolt	Steel BS970 43A
9	Bonnet	Cast Iron GJL 250
10	Gasket	Graphite
11	Stuffing Box Gasket	Graphite
12	Stuffing Box	Cast Iron GJL 250
13	Packing	Graphite
14	Gland Follower	Cast Iron GJL 250
15	T-Bolt	Steel BS970 43A
16	Nut	Steel BS970 43A
17	Handwheel	Cast Iron GJL 250
18	Washer	Steel BS970 43A
19	Nut	Steel BS970 43A

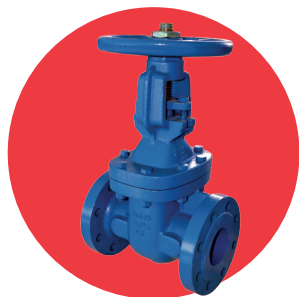


V2. Dimensions in mm

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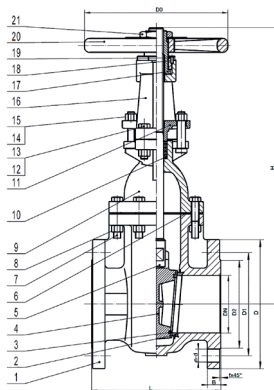
ART 223

PN25 Cast Iron Rising Stem Gate Valve



Features

- Flange mounting PN25 only
- Flange conforms to BS EN1092 PN25
- Conforms to BS5150 (BS EN558-1 Series 4)
- OSY rising stem



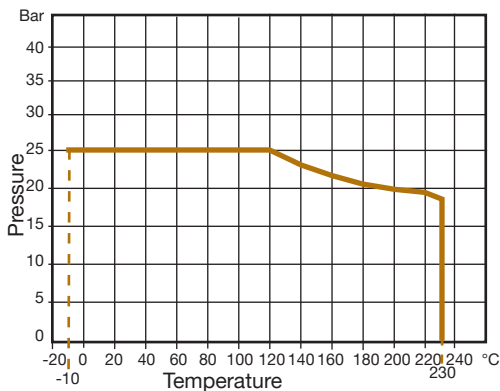
Technical data

Max pressure: 25 Bar

Working temp: -10°C to +230°C

DN	2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"
L	216	241	283	305	381	403	419	457	502
D	165	191	210	254	279	318	381	445	521
D1	125	145	160	190	220	250	310	370	430
D2	99	118	132	156	184	211	274	330	398
B	22	25	29	32	35	37	41	48	51
n-d	4-19	8-19	8-19	8-23	8-28	8-28	12-28	12-31	16-31
D0	175	200	254	300	300	348	400	457	457
f	3	3	3	3	3	3	3	3	4
H (min)	325	362	406	493	579	644	795	935	1059
H (max)	385	437	493	611	716	813	1023.5	1211	1386
Kgs	17.8	23.3	28.2	45.8	69	86.2	125	206	278

N.	Part Name	Materials
1	Body	Cast Iron - BS1452 Gr.220
2/3	Seat Ring	Cast Bronze - BS1400 LG2
4	Wedge	Cast Iron - BS1452 Gr.220
5	Stem	Brass - BS2874 CZ122
6	Gasket	Graphite
7	Bolt	Steel - BS970 43A
8	Nut	Steel - BS970 43A
9	Bonnet	Cast Iron - BS1452 Gr.220
10	Packing	Graphite
11	Gland Follower	Ductile Iron - BS2789 Gr.420-12
12	Bolt	Steel - BS970 43A
13	Nut	Steel - BS970 43A
14	Bolt	Steel - BS970 43A
15	Nut	Steel - BS970 43A
16	Yoke	Cast Iron - BS1452 Gr.220
17	Yoke Bushing	Cast Brass - BS1400 PCB1
18	Screw	Steel - BS970 43A
19	Yoke Bushing Nut	Cast Iron - BS1452 Gr.220
20	Handwheel	Cast Iron - BS1452 Gr.220
21	Handwheel Nut	Steel - BS970 43A

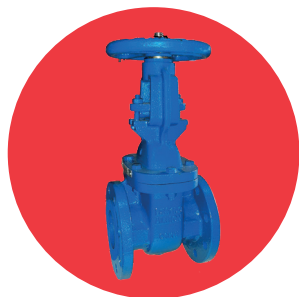


V1. Dimensions in mm

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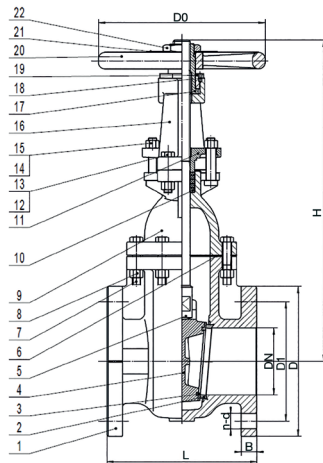
ART 224

ANSI 125 Cast Iron Rising Stem Gate Valve



Features

- Flanged ANSI 125 (B16.1)
- Class 125 Rated
- OSY rising stem
- Conforms to ASME B16.10 & MSS SP-70



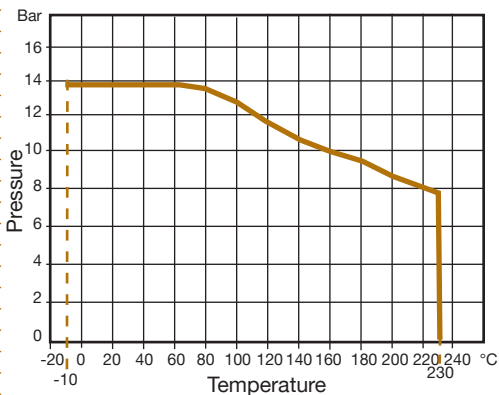
Technical data

Max pressure: 13.8 Bar

Working temp: -10°C to +230°C

DN	2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"	14"	16"	18"	20"	24"
L	178	190	203	229	254	267	292	330	356	381	406	432	457	508
D	152	178	190	229	254	279	343	406	483	533	597	635	699	813
D1	121	140	153	191	216	241	299	362	432	476	540	578	635	750
B	16	18	19	24	24	25	29	30	32	35	37	40	43	48
n-d	4-	4-	4-	8-	8-	8-	8-	12-	12-	12-	16-	16-	20-	20-
	19	19	19	19	22.2	22.2	22.2	25.4	25.4	28.6	28.6	32	32	35
D0	178	178	200	254	300	300	348	400	457	560	560	610	610	765
H	311	347	384	490	541	656	778	933	1102	1259	1395	1560	1708	1990
Kgs	17.1	23	27.5	47.7	70	89	126	208	289	426	603	774	894	1294

N.	Part Name	Materials
1	Body	Cast Iron - ASTM A 126-B
2	Body Seat Ring	Cast Bronze - ASTM B 62
3	Wedge Seat Ring	Cast Bronze - ASTM B 62
4	Wedge	Cast Iron - ASTM A 126-B
5	Stem	Brass - ASTM B 16
6	Gasket	Graphite - Non-Asbestos
7	Bolt	Steel - ASTM A 307 B
8	Nut	Steel - ASTM A 563 B
9	Bonnet	Cast Iron - ASTM A 126-B
10	Packing	Graphite - Non-Asbestos
11	Gland Follower	Ductile Iron - ASTM A536 65-45-12
12	Bolt	Steel
13	Nut	Steel
14	Bolt	Steel
15	Nut	Steel
16	Yoke	Cast Iron - ASTM A 126-B
17	Stem Nut	Cast Brass - Mn-Brass
18	Screw	Steel
19	Nut	Cast Iron - ASTM A 126-B
20	Handwheel	Cast Iron - ASTM A 126-B
21	Identification Plate	Aluminium
22	Handwheel Nut	Steel

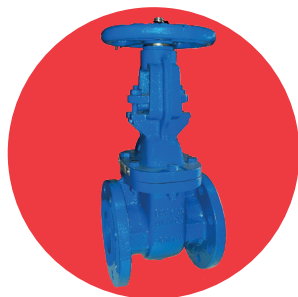


V1. Dimensions in mm

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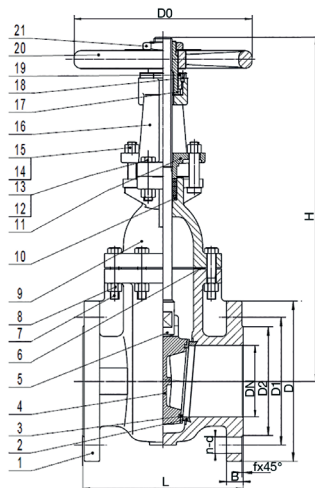
ART 225

PN16 Cast Iron Gate Valve



Features

- Flange mounting PN16 only
- Flange conforms to BS EN1092 PN16
- OSY rising stem
- Conforms to BS5150 (BS EN558-1 series 3)



Technical data

Max pressure: 16 Bar

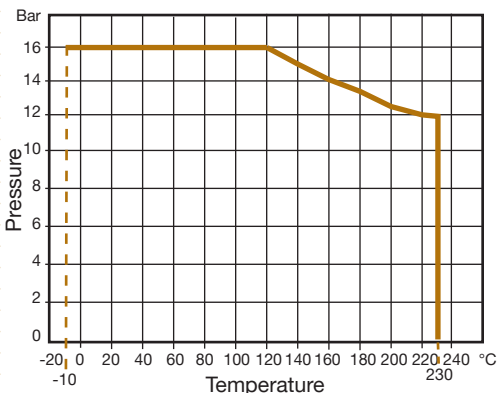
Working temp: -10°C to +230°C

DN	2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"	14"	16"	18"	20"	24"
L	178	190	203	229	254	267	292	330	356	381	406	432	457	508
D	165	185	200	220	250	285	340	405	460	520	580	640	715	840
D1	125	145	160	180	210	240	295	355	410	470	525	585	650	770
D2	99	118	132	156	184	211	266	319	370	429	480	548	609	720
B	20	20	22	24	26	26	30	32	32	36	38	40	42	48
n-d	4-19	4-19	8-19	8-19	8-19	8-23	12-23	12-28	12-28	16-28	16-31	20-31	20-34	20-37
D0	178	178	200	254	300	300	348	400	457	560	560	610	610	765
f	3	3	3	3	3	3	3	3	4	4	4	4	4	5
H	311	347	384	490	541	656	778	933	1102	1259	1395	1560	1708	1990
Kgs	17.8	23.3	28.2	45.8	69	86.2	125	206	278	421	596	771	896	1300

N. Part Name

Materials

1 Body	Cast Iron - BS EN1561 EN-GJL-250
2 Seat Ring	Cast Bronze - ASTM B 62
3 Seat Ring	Cast Bronze - ASTM B 62
4 Wedge	Cast Iron - BS EN1561 EN-GJL-250
5 Stem	Stainless Steel - BS970 420S37
6 Gasket	Graphite
7 Bolt	Steel - BS970 43A
8 Nut	Steel - BS970 43A
9 Bonnet	Cast Iron - BS EN1561 EN-GJL-250
10 Packing	Graphite
11 Gland Follower	Ductile Iron - BS EN1563 EN-GJS-450-10
12 Bolt	Steel - BS970 43A
13 Nut	Steel - BS970 43A
14 Gland Follower Bolt	Steel - BS970 43A
15 Nut	Steel - BS970 43A
16 Yoke	Cast Iron - BS EN1561 EN-GJL-250
17 Yoke Bushing	Cast Brass - BS1400 PCB1
18 Screw	Steel - BS970 43A
19 Yoke Bushing Nut	Cast Iron - BS EN1561 EN-GJL-250
20 Handwheel	Cast Iron - BS EN1561 EN-GJL-250
21 Handwheel Nut	Steel - BS970 43A



V1. Dimensions in mm

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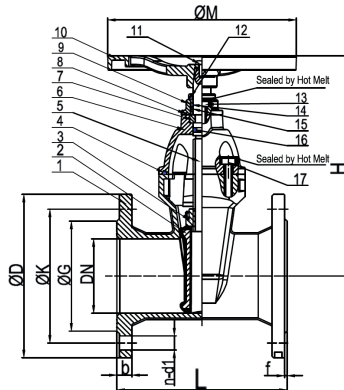
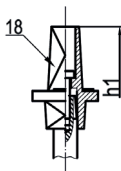
ART 231 PN16

PN16 Ductile Iron Resilient Seat Gate Valve



Features

- BS5163, Type B cover and stem
- Non rising stem, clockwise closing
- Flange mounting to EN1092-2 PN16
- Face to face length to EN558-1 Series 3
- Internally and externally fusion bonded epoxy coated
- Handwheel, gearbox or cap top operation



Technical data

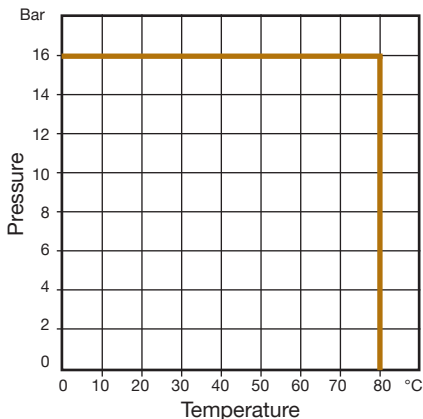
Max pressure: 16 Bar

Working temp: 0°C to +80°C

DN	2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"	14"	16"	18"	20"	24"
L	178	190	203	229	254	267	292	330	356	381	406	432	457	508
H	215	235	265	315	350	385	485	600	680	810	890	1050	1230	1260
M	200	200	254	254	315	315	315	406	406	500	500	500	650	650
h1	285	300	320	390	430	470	560	680	770	900	1000	1150	1330	1510
D	165	185	200	220	250	285	340	405	460	520	580	640	715	840
K	125	145	160	180	210	240	295	355	410	470	525	585	650	770
G	99	118	132	156	184	211	266	319	370	429	480	548	609	720
n-d1	4-	4-	8-	8-	8-	8-	12-	12-	12-	16-	16-	20-	20-	20-
	Ø19	Ø19	Ø19	Ø19	Ø19	Ø23	Ø23	Ø28	Ø28	Ø28	Ø31	Ø31	Ø34	Ø37
b	19	19	19	19	19	19	20	22	24.5	26.5	28	30	31.5	36
f	3	3	3	3	3	3	3	3	4	4	4	4	4	5
Kv	229	360	537	933	1595	2685	5004	8393	12072	16348	21528	29372	37117	52626
Kgs	9	12	14	19	24	31	52	87	116	185	225	360	450	690

N. Part Name Materials

1	Body	Ductile Iron GGG50 BS2789
2	Disc	Ductile Iron GGG50 + EPDM (WRAS) BS2789
3	Stem Nut	Brass HPb59-1 BS2872-2874
4	Bonnet Gasket	EPDM (WRAS) ISO4633
5	Stem	Stainless Steel 316 BS970
6	Bonnet	Ductile Iron GGG50 BS2789
7	Holding Ring	Brass HPb59-1 BS2872-2874
8	O-Ring	EPDM (WRAS) ISO 4633
9	Gland	Ductile Iron GGG50 BS2789
10	Handwheel	Ductile Iron GGG50 BS2789
11	Screw	Stainless Steel 316 BS970
12	Dust Ring	EPDM (WRAS) ISO 4633
13	Gland Bolts	Stainless Steel 316 BS970
14	O-Ring	EPDM (WRAS) ISO 4633
15	Washers	Nylon 66
16	O-Ring	EPDM (WRAS) ISO 4633
17	Bonnet Bolts	Stainless Steel 316 BS970
18	Cap Top	Ductile Iron GGG50 BS2789



V1. Dimensions in mm

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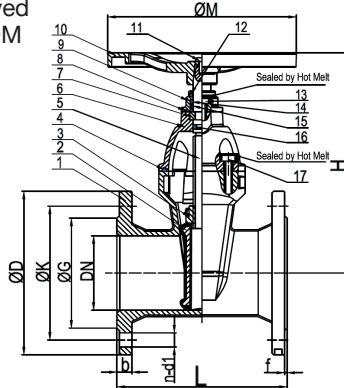
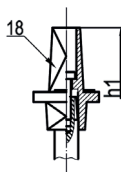
ART 231 PN25

PN25 Ductile Iron Resilient Seat Gate Valve



Features

- BS5163, Type B cover and stem
- Non rising stem, clockwise closing
- Flange mounting to EN1092-2 PN25
- Face to face length to EN558-1 Series 3
- Internally and externally fusion bonded epoxy coated WRAS approved
- WRAS approved EPDM
- Handwheel, gearbox or cap top operation



Technical data

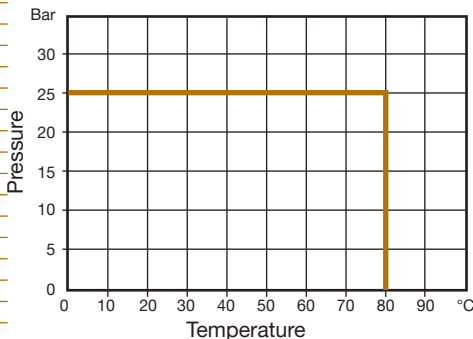
Max pressure: 25 Bar

Working temp: 0°C to +80°C

DN	2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"
L	178	190	203	229	254	267	292	330	356
H	215	235	265	315	350	385	485	600	680
M	200	200	254	254	315	315	315	406	406
h1	285	300	320	390	430	470	560	680	770
D	165	185	200	235	270	300	360	425	485
K	125	145	160	190	220	250	310	370	430
G	99	118	132	156	184	211	274	330	389
n-d1	4-	8-	8-	8-	8-	8-	12-	12-	16-
	Ø19	Ø19	Ø19	Ø23	Ø28	Ø28	Ø28	Ø31	Ø31
b	19	19	19	19	19	20	22	25	28
f	3	3	3	3	3	3	3	3	4
Kv	229	360	537	933	1595	2685	5004	8393	12072
Kgs	9	12	14	19	24	31	52	87	116

N. Part Name Materials

1	Body	Ductile Iron GGG50 BS2789
2	Disc	Ductile Iron GGG50 + EPDM (WRAS) BS2789
3	Stem Nut	Brass HPb59-1 BS2872-2874
4	Bonnet Gasket	EPDM (WRAS) ISO4633
5	Stem	Stainless Steel 316 BS970
6	Bonnet	Ductile Iron GGG50 BS2789
7	Holding Ring	Brass HPb59-1 BS2872-2874
8	O-Ring	EPDM (WRAS) ISO 4633
9	Gland	Ductile Iron GGG50 BS2789
10	Handwheel	Ductile Iron GGG50 BS2789
11	Screw	Stainless Steel 316 BS970
12	Dust Ring	EPDM (WRAS) ISO 4633
13	Gland Bolts	Stainless Steel 316 BS970
14	O-Ring	EPDM (WRAS) ISO 4633
15	Washers	Nylon 66
16	O-Ring	EPDM (WRAS) ISO 4633
17	Bonnet Bolts	Stainless Steel 316 BS970
18	Cap Top	Ductile Iron GGG50 BS2789



V1. Dimensions in mm

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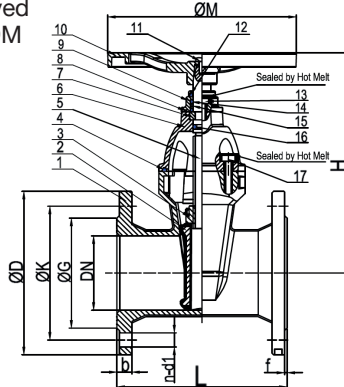
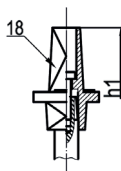
ART 231 ANSI

ANSI 150 Ductile Iron Resilient Seat Gate Valve



Features

- BS5163, Type B cover and stem
- Non rising stem, clockwise closing
- Flange mounting to ANSI 150 (B16.42)
- Face to face length to EN558-1 Series 3
- Internally and externally fusion bonded epoxy coated WRAS approved
- WRAS approved EPDM
- Handwheel, gearbox or cap top operation



Technical data

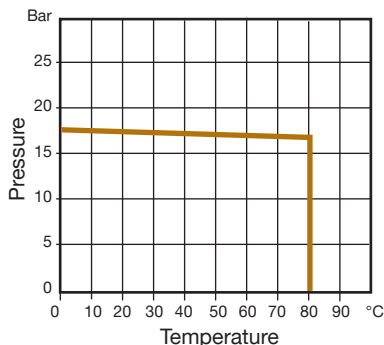
Max pressure: 17.2 Bar

Working temp: 0°C to +80°C

DN	2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"	14"	16"	18"	20"	24"
L	178	190	203	229	254	267	292	330	356	381	406	432	457	508
H	215	235	265	315	350	385	485	600	680	810	890	1050	1230	1260
M	200	200	254	254	315	315	315	406	406	500	500	500	650	650
h1	285	300	320	390	430	470	560	680	770	900	1000	1150	1330	1510
D	165	185	200	220	250	285	340	405	483	520	580	640	715	840
K	121	140	152	191	216	241	298	362	432	476	540	578	635	749
G	99	118	132	156	184	211	266	319	370	429	480	548	609	720
n-d1	4-	4-	4-	8-	8-	8-	8-	12-	12-	12-	16-	16-	20-	20-
	Ø19	Ø19	Ø19	Ø19	Ø19	Ø22	Ø22	Ø25	Ø25	Ø28	Ø28	Ø32	Ø32	Ø35
b	19	19	19	19	19	19	20	22	24.5	26.5	28	30	31.5	36
f	3	3	3	3	3	3	3	3	4	4	4	4	4	5
Kv	229	360	537	933	1595	2685	5004	8393	12072	16348	21528	29372	37117	52626
Kgs	9	12	14	19	24	31	52	87	116	185	225	360	450	690

N. Part Name Materials

1	Body	Ductile Iron GGG50 BS2789
2	Disc	Ductile Iron GGG50 + EPDM (WRAS) BS2789
3	Stem Nut	Brass HPb59-1 BS2872-2874
4	Bonnet Gasket	EPDM (WRAS) ISO4633
5	Stem	Stainless Steel 316 BS970
6	Bonnet	Ductile Iron GGG50 BS2789
7	Holding Ring	Brass HPb59-1 BS2872-2874
8	O-Ring	EPDM (WRAS) ISO 4633
9	Gland	Ductile Iron GGG50 BS2789
10	Handwheel	Ductile Iron GGG50 BS2789
11	Screw	Stainless Steel 316 BS970
12	Dust Ring	EPDM (WRAS) ISO 4633
13	Gland Bolts	Stainless Steel 316 BS970
14	O-Ring	EPDM (WRAS) ISO 4633
15	Washers	Nylon 66
16	O-Ring	EPDM (WRAS) ISO 4633
17	Bonnet Bolts	Stainless Steel 316 BS970
18	Cap Top	Ductile Iron GGG50 BS2789

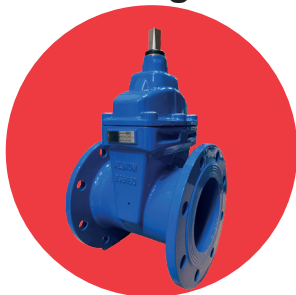


V1. Dimensions in mm

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ART 231 PN10/16

Underground / Buried resilient seated gate valve with extension



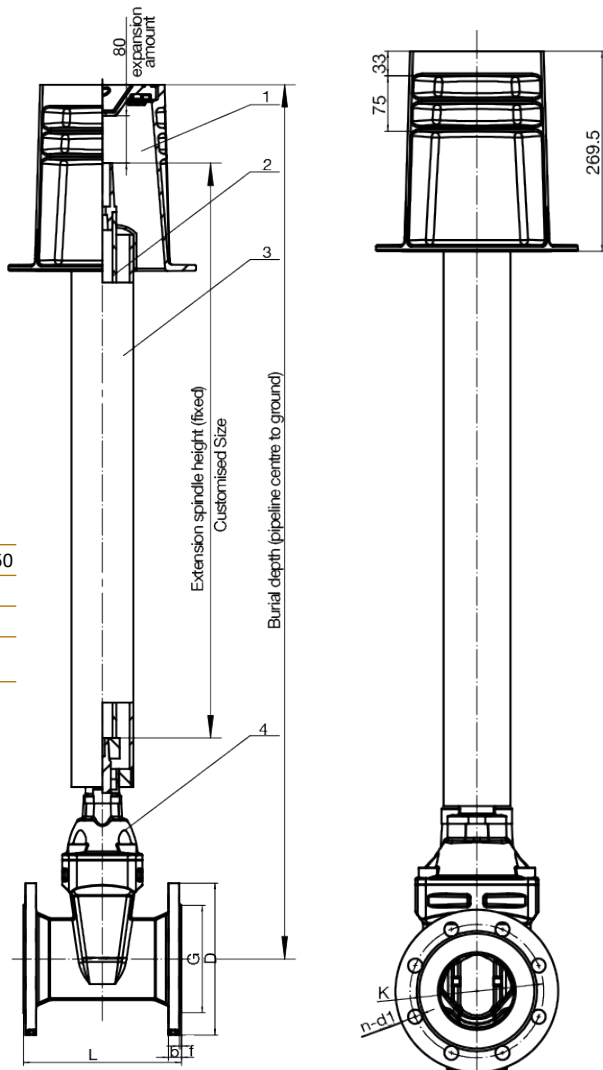
Technical data

Max pressure: 16 Bar

Working temp: 0°C to +80°C

Features

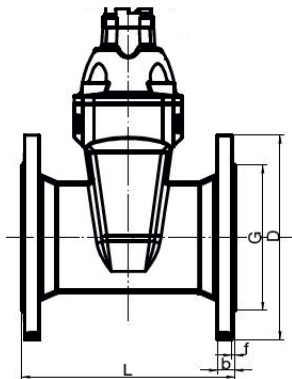
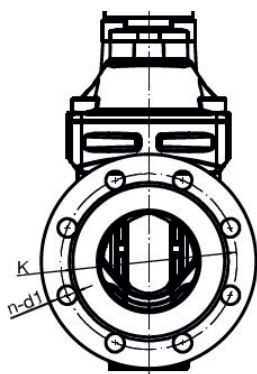
- Available in PN10 and PN16
- BS5163, Type B cover and stem
- Non rising stem, clockwise closing
- Flange mounting to EN1092-2 PN10 / PN16
- Face to face length to EN558-1 Series 3
- Internally and externally fusion bonded epoxy coated



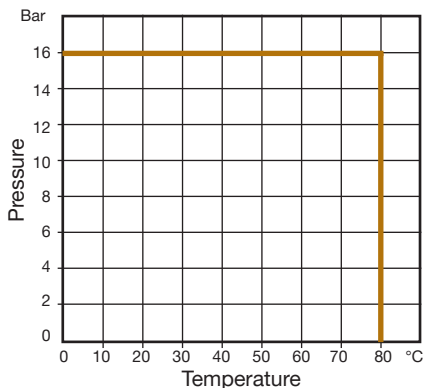
N.	Part Name	Materials
1	Buried Box	Ductile Iron GGG50
2	Sleeve	Polyethylene Pipe
3	Extension Rod	Carbon Steel
4	Resilient Seated Gate Valve	Refer to ART 231 datasheet

ART 231 PN10/16

Underground / Buried resilient seated gate valve with extension

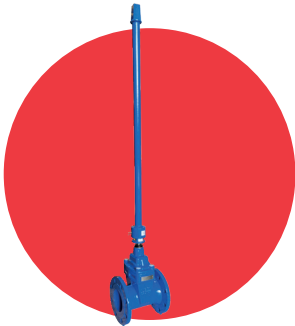


DN	50	65	80	100	125	150	200	250	300	350	400	450	500	600
L	178	190	203	229	254	267	292	330	356	381	406	432	457	508
D	165	185	200	220	250	285	340	405	460	520	580	640	715	840
K PN10	125	145	160	180	210	240	295	350	400	460	515	565	620	725
K PN16	125	145	160	180	210	240	295	355	410	470	525	585	650	770
G PN10	99	118	132	156	184	211	266	319	370	429	480	530	582	682
G PN16	99	118	132	156	184	211	266	319	370	429	480	548	609	720
n-d1	4-	4-	8-	8-	8-	8-	8-	12-	12-	16-	16-	20-	20-	20-
PN10	Ø19	Ø19	Ø19	Ø19	Ø19	Ø23	Ø23	Ø23	Ø23	Ø23	Ø28	Ø28	Ø28	Ø31
n-d1	4-	4-	8-	8-	8-	8-	12-	12-	12-	16-	16-	20-	20-	20-
PN16	Ø19	Ø19	Ø19	Ø19	Ø19	Ø23	Ø23	Ø28	Ø28	Ø28	Ø31	Ø31	Ø34	Ø37
b	19	19	19	19	19	19	20	22	24.5	26.5	28	30	31.5	36
f	3	3	3	3	3	3	3	3	4	4	4	4	4	5



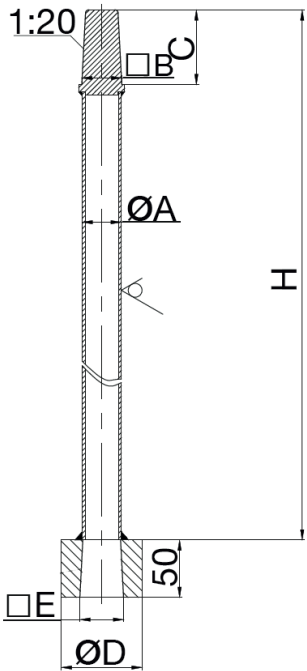
Extension Spindle

To suit ART 231



Features

- Epoxy Coated Carbon Steel
- Extension to suit underground / buried resilient seated gate valve
- Comes with polyethylene pipe sleeve suiting spindle length
- Stainless Steel option also available



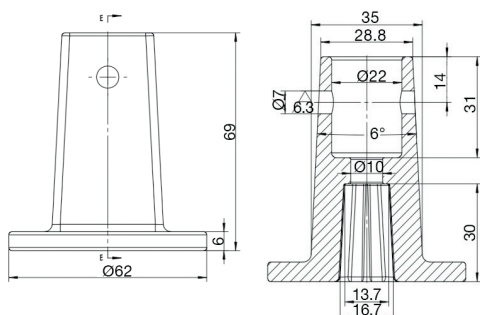
Extension Spindle Dimensions

DN	DN50- DN300	DN350- DN400	DN450- DN600
A	Ø40	Ø48	Ø50
B	35	35	48
C	65	65	75
D	Ø70	Ø85	Ø85
E	35	48	48
H	- - - As per customer requirement - - -		

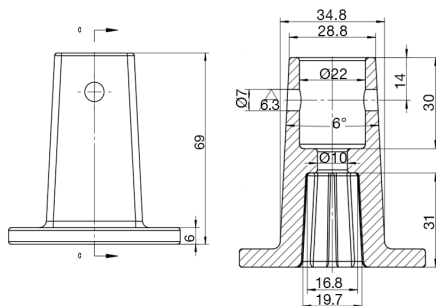
Extension Spindle To suit ART 231



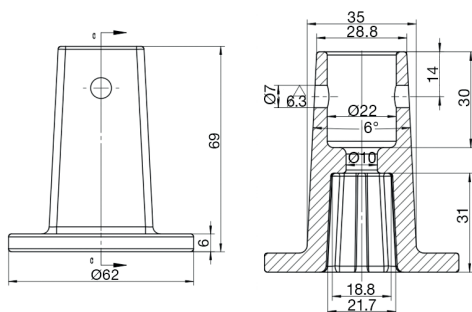
Cap Tops



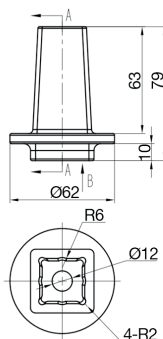
DN50-65



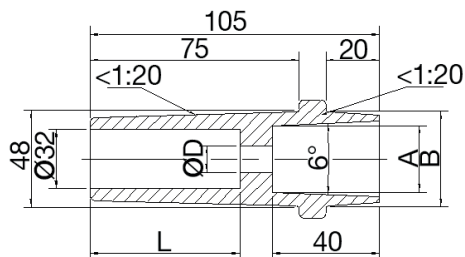
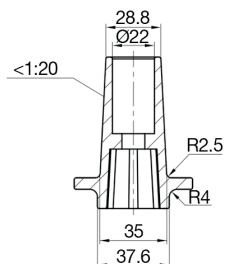
DN80-100



DN125-200



DN250-300



DN350-600

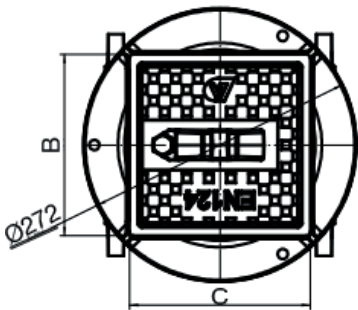
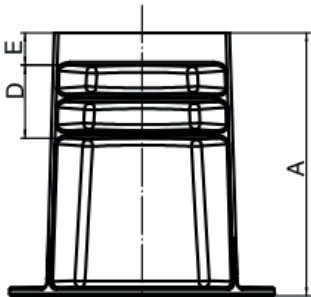
DN	DN350- DN450	DN500- DN600
A	27	32
B	54	54
L	55	50
ØD	12	14

Buried Box

To suit ART 231 DN50-DN600



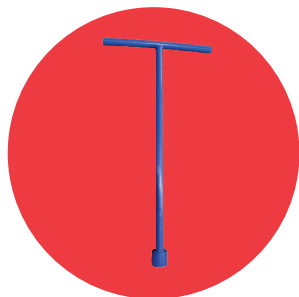
- Features
- Material construction - Ductile Iron
 - Box - blue epoxy coated
 - Cover - black epoxy painted



DN	DN50-DN600
A	269.5
B	180
C	180
D	75
E	33

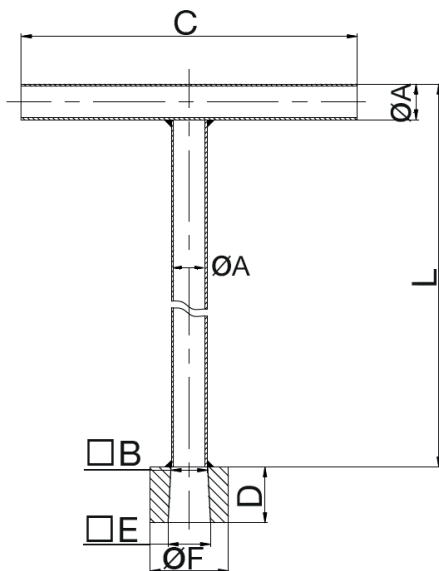
Tee Handles

To suit ART 231 DN50-DN600



Features

- Epoxy Coated Carbon Steel
- Standard length 1 meter (Can be altered to suit customer requirement)
- Stainless Steel option also available



DN	DN50-200	DN250-300	DN350-400	DN450-600
C	400	500	600	800
L	1000	1000	1000	1000
A	34	34	48	50
B	30	30	43	45
D	50	50	50	50
E	35	35	48	48
F	70	70	85	85