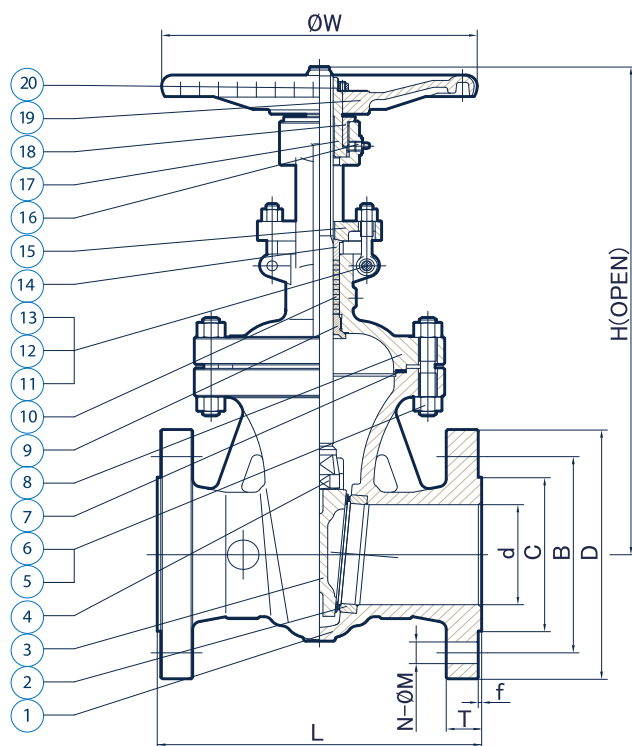


GATE VALVES

KSD
Class 300, 2" - 4"



PARTS

No.	Part	Material
1	Body	ASTM A216 WCB
2	Seat ring	ASTM A105 + Stellite
3	Wedge	ASTM A216 WCB + 13Cr
4	Stem	ASTM A182 F6a
5	Bonnet nut	ASTM A194 2H
6	Bonnet bolt	ASTM A193 B7
7	Gasket	SS 304 + Flexible graphite
8	Bonnet	ASTM A216 WCB
9	Backseat bushing	ASTM A182 F6a
10	Stem packing	Flexible graphite
11	Pin	AISI 1025
12	Gland eyebolt	ASTM A193 B7
13	Gland nut	ASTM A194 2H
14	Gland	ASTM A182 F6a
15	Gland flange	ASTM A126 WCB
16	Nipple	Copper alloy
17	Stem nut	ASTM A439 D2
18	Retaining nut	AISI 1025
19	Handwheel	Ductile iron
20	Lock nut	AISI 1025

DIMENSIONS (MM)

Size		d	D	B	C	W	L	H	T	f	N	M	kg
DN	IN												
50	2"	51	165	127	92	200	216	420	23	1,6	8	19	23
65	2 1/2"	64	190	149	105	220	241	446	26	1,6	8	22	31
80	3"	76	210	168,5	127	250	283	537	29	1,6	8	22	42
100	4"	102	254	200	157	280	305	619	32	1,6	8	22	62

FEATURES

- » Cast steel body construction providing liberal strength to meet most conditions
- » Integral yoke and bonnet: outside screw and yoke, bolted bonnet
- » Single flexible wedge disc compensates for deformation of body due to pipe stresses
- » Seal welded seat ring eliminates leak path behind rings and for long trouble-free service
- » Available in flanged end connection; butt weld end also available

NOTE

For non horizontal installation, please ensure to consult with us separately, as special request must be generated to ensure proper function.

STANDARDS

- » Basic design to API 600
- » Face-to-face according to DIN B16.10
- » Flange dimensions according to B16.5
- » Inspection and test according to API598

MAX. PRESSURE / TEMPERATURE

Pmax: 740 psi@34°F

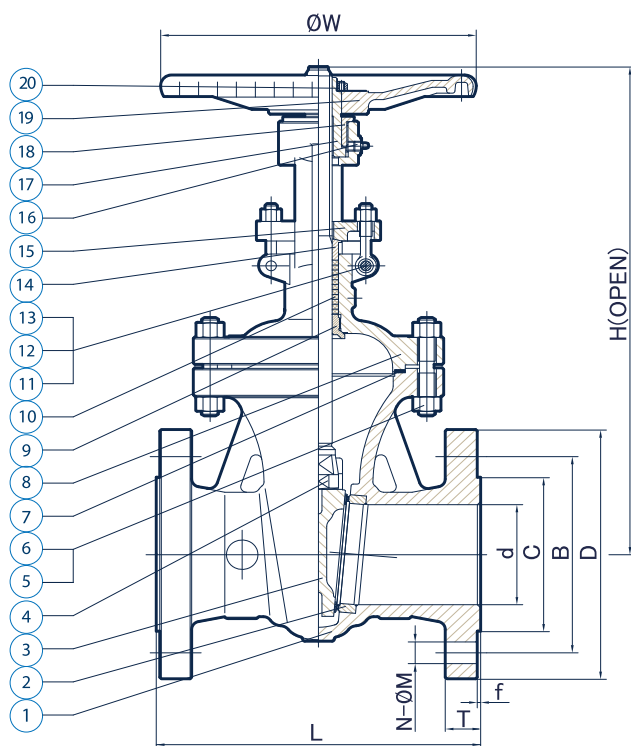
Pmax: 51 bar@50°C

Tmax: 842°F

Tmax: 500°C

GATE VALVES

KSD
Class 300, 6" - 8"



PARTS

No.	Part	Material
1	Body	ASTM A216 WCB
2	Seat ring	ASTM A105 + Stellite
3	Wedge	ASTM A216 WCB + 13Cr
4	Stem	ASTM A182 F6a
5	Bonnet nut	ASTM A194 2H
6	Bonnet bolt	ASTM A193 B7
7	Gasket	SS 304 + Flexible graphite
8	Bonnet	ASTM A216 WCB
9	Backseat bushing	ASTM A182 F6a
10	Stem packing	Flexible graphite
11	Pin	AISI 1025
12	Gland eyebolt	ASTM A193 B7
13	Gland nut	ASTM A194 2H
14	Gland	ASTM A182 F6a
15	Gland flange	ASTM A216 WCB
16	Nipple	Copper alloy
17	Stem nut	ASTM A439 D2
18	Retaining nut	AISI 1025
19	Handwheel	Ductile iron
20	Lock nut	AISI 1025

DIMENSIONS (MM)

Size		d	D	B	C	W	L	H	T	f	N	M	kg
DN	IN												
150	6"	152	318	270	216	350	403	806	37	1,6	12	22	117
200	8"	203	381	330	270	400	419	1000	42	1,6	12	25	187

FEATURES

- » Cast steel body construction providing liberal strength to meet most conditions
- » Integral yoke and bonnet: outside screw and yoke, bolted bonnet
- » Single flexible wedge disc compensates for deformation of body due to pipe stresses
- » Seal welded seat ring eliminates leak path behind rings and for long trouble-free service
- » Available in flanged end connection; butt weld end also available

NOTE

For non horizontal installation, please ensure to consult with us separately, as special request must be generated to ensure proper function.

STANDARDS

- » Basic design to API 600
- » Face-to-face according to DIN B16.10
- » Flange dimensions according to B16.5
- » Inspection and test according to API598

MAX. PRESSURE / TEMPERATURE

Pmax: 740 psi@34°F

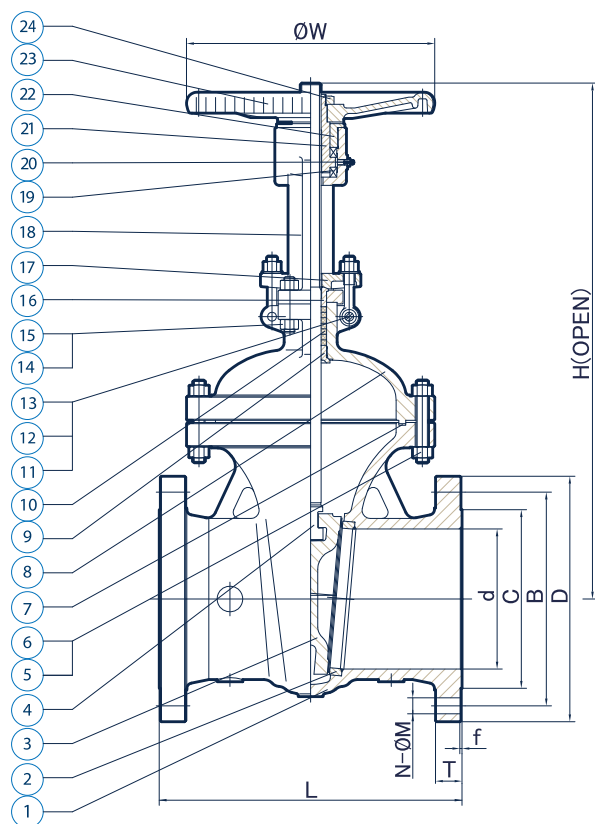
Pmax: 51 bar@50°C

Tmax: 842°F

Tmax: 500°C

GATE VALVES

KSD
Class 300, 10" - 18"



PARTS

No.	Part	Material
1	Body	ASTM A216 WCB
2	Seat ring	ASTM A105 + Stellite
3	Wedge	ASTM A216 WCB + 13Cr
4	Stem	ASTM A182 F6a
5	Bonnet nut	ASTM A194 2H
6	Bonnet bolt	ASTM A193 B7
7	Gasket	SS 304 + Flexible graphite
8	Bonnet	ASTM A216 WCB
9	Backseat bushing	ASTM A182 F6a
10	Stem packing	Flexible graphite
11	Pin	AISI 1025
12	Gland eyebolt	ASTM A193 B7
13	Gland nut	ASTM A194 2H
14	Yoke bolt	ASTM A193 B7
15	Yoke nut	ASTM A194 2H
16	Gland	ASTM A182 F6a
17	Gland flange	ASTM 216WCB
18	Yoke	ASTM A216 WCB
19	Bearing	Alloy steel
20	Nipple	Copper alloy
21	Stem nut	ASTM A439 2D
22	Retaining nut	AISI 1025
23	Handwheel	Ductile iron
24	Lock nut	AISI 1025

DIMENSIONS (MM)

Size		d	D	B	C	W	L	H	T	f	N	M	kg
DN	IN												
250	10"	254	445	387,5	324	450	457	1240	48	1,6	16	29	277
300	12"	305	521	451	381	500	502	1425	51	1,6	16	32	443
350	14"	337	584	514,5	413	600	762	1585	54	1,6	20	32	772
400	16"	387	648	571,5	470	600	838	1790	58	1,6	20	35	920
450	18"	432	711	628,5	533	700	914	1960	61	1,6	24	35	1200

FEATURES

- » Cast steel body construction providing liberal strength to meet most conditions
- » Integral yoke and bonnet: outside screw and yoke, bolted bonnet
- » Single flexible wedge disc compensates for deformation of body due to pipe stresses
- » Seal welded seat ring eliminates leak path behind rings and for long trouble-free service
- » Available in flanged end connection; butt weld end also available

NOTE

For non horizontal installation, please ensure to consult with us separately, as special request must be generated to ensure proper function.

STANDARDS

- » Basic design to API 600
- » Face-to-face according to DIN B16.10
- » Flange dimensions according to B16.5
- » Inspection and test according to API598

MAX. PRESSURE / TEMPERATURE

Pmax: 740 psi@34°F

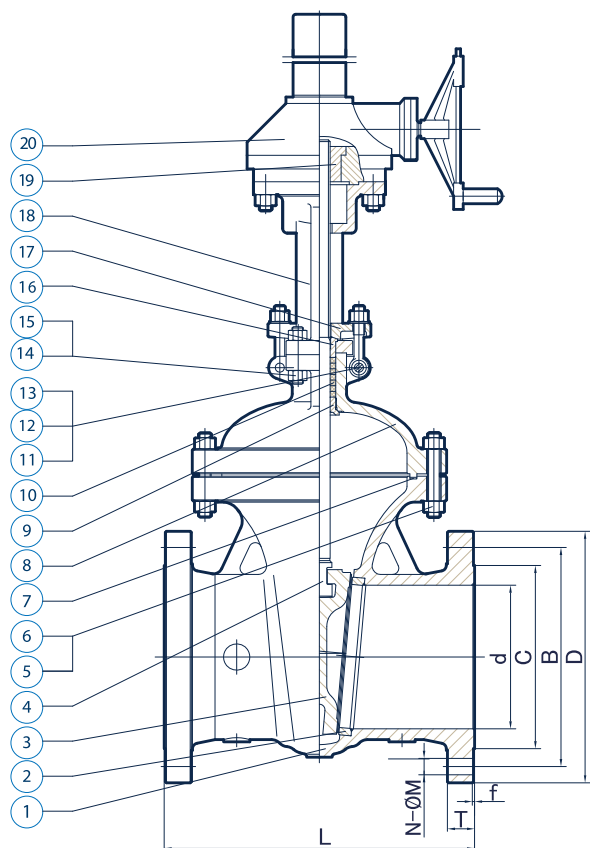
Pmax: 51 bar@50°C

Tmax: 842°F

Tmax: 500°C

GATE VALVES

KSD
Class 300, 20"



PARTS

No.	Part	Material
1	Body	ASTM A126 WCB
2	Seat ring	ASTM A105 + Stellite
3	Wedge	ASTM A216 WCB + 13Cr
4	Stem	ASTM A182 F6a
5	Bonnet nut	ASTM A194 2H
6	Bonnet bolt	ASTM A193 B7
7	Gasket	SS 304 + Flexible graphite
8	Bonnet	ASTM A216 WCB
9	Backseat bushing	ASTM A182 F6a
10	Stem packing	Flexible graphite
11	Pin	AISI 1025
12	Gland eyebolt	ASTM A193 B7
13	Gland nut	ASTM A194 2H
14	Yoke bolt	ASTM A193 B7
15	Yoke nut	ASTM A194 2H
16	Gland	ASTM A182 F6a
17	Gland flange	ASTM A216 WCB
18	Yoke	ASTM A216 WCB
19	Stem nut	ASTM A439 D2
20	Gear box	Components

DIMENSIONS (MM)

Size		d	D	B	C	L	T	f	N	M	kg
DN	IN										
500	20"	483	775	686	584	991	64	1,6	24	35	1750

FEATURES

- » Cast steel body construction providing liberal strength to meet most conditions
- » Integral yoke and bonnet: outside screw and yoke, bolted bonnet
- » Single flexible wedge disc compensates for deformation of body due to pipe stresses
- » Seal welded seat ring eliminates leak path behind rings and for long trouble-free service
- » Available in flanged end connection; butt weld end also available

NOTE

For non horizontal installation, please ensure to consult with us separately, as special request must be generated to ensure proper function.

STANDARDS

- » Basic design to API 600
- » Face-to-face according to DIN B16.10
- » Flange dimensions according to B16.5
- » Inspection and test according to API598

MAX. PRESSURE / TEMPERATURE

Pmax: 740 psi@34°F

Pmax: 51 bar@50°C

Tmax: 842°F

Tmax: 500°C