BELLOW GLOBE VALVE

Flange Ends PN16, DN15~DN80

KAD-BLGB PN16

» Features

Bolted bonnet construction with non-rising handwheel
Non-rotating stem prevents torsion of bellows
Stem with bellow seal offers reliable tightness
Seat and disc hardfaced with Cr13
Fully enclosed spiral wound stainless + graphite gasket
Position indicator marking as standard
Lubricating nipple complementary as standard

»Body Material

Carbon steel, Stainless steel
Ductile iron optional

» Standards

Design acc. to EN 12516-1
Flange Dimensions acc. to EN 1092-1
Face-to-Face Dimension acc. to EN 558 Series 1
Inspection & test acc. to EN 12266-1 Rate A (liquid)

» End Connections

Flange DIN PN16, PN25, PN40
Flange ANSI CL150, CL300 Flange
Socketweld, Buttweld, Screwed*
* Size <=DN50 in forged steel material

»Temperature Range

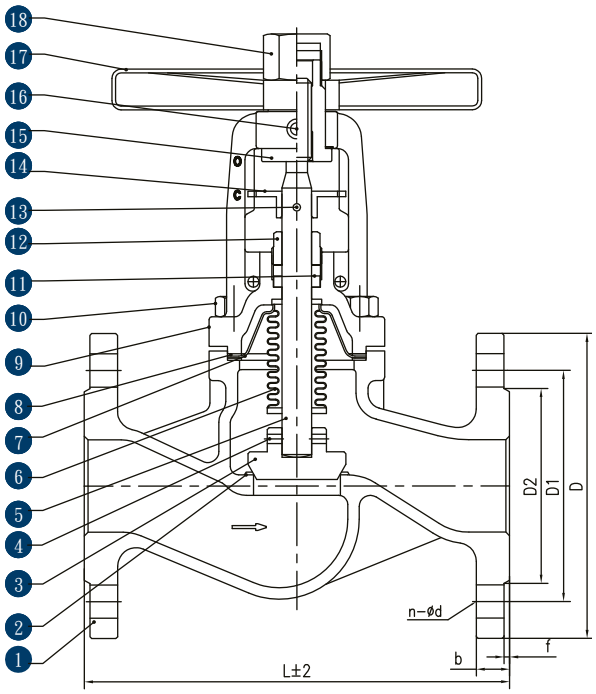
-10'C ~ +425'C

» Applications

Steam, Thermal Oil, etc
NB: Not suitable for dangerous gas.

Materials List

No.	PARTS NAME	MATERIALS
1	BODY	1.0619
2	SEAT	1.0619+13Cr
3	DISC	A105+13Cr
4	PIN	SS304
5	STEM	2Cr13
6	BELLOWS	SS304
7	SEALING MEMBER	SS304
8	GASKET	SS304+ Graphite
9	BONNET	1.0619
10	BOLT	A193 B7
11	PACKING	Graphite
12	GLAND	A105
13	PIN	1035
14	LOCATOR	1025
15	STEM NUT	1045
16	OIL CUP	Copper
17	HANDWHEEL	1025
18	CAP	A105



DN	L	D	D1	D2	b	f	n-Φd
15	130	95	65	45	16	2	4-Φ14
20	150	105	75	58	18	2	4-Φ14
25	160	115	85	68	18	2	4-Φ14
32	180	140	100	78	18	2	4-Φ18
40	200	150	110	88	18	3	4-Φ18
50	230	165	125	102	18	3	4-Φ18
65	290	185	145	122	18	3	4-Φ18
80	310	200	160	138	20	3	8-Φ18

BELLOW GLOBE VALVE

Flange Ends PN16, DN100~DN200

KAD-BLGB PN16

» Features

Bolted bonnet construction with non-rising handwheel
Non-rotating stem prevents torsion of bellows
Stem with bellow seal offers reliable tightness
Seat and disc hardfaced with Cr13
Fully enclosed spiral wound stainless + graphite gasket
Position indicator marking as standard
Lubricating nipple complementary as standard

»Body Material

Carbon steel, Stainless steel
Ductile iron optional

» Standards

Design acc. to EN 12516-1
Flange Dimensions acc. to EN 1092-1
Face-to-Face Dimension acc. to EN 558 Series 1
Inspection & test acc. to EN 12266-1 Rate A (liquid)

» End Connections

Flange DIN PN16, PN25, PN40
Flange ANSI CL150, CL300 Flange
Socketweld, Buttweld, Screwed*
* Size <=DN50 in forged steel material

»Temperature Range

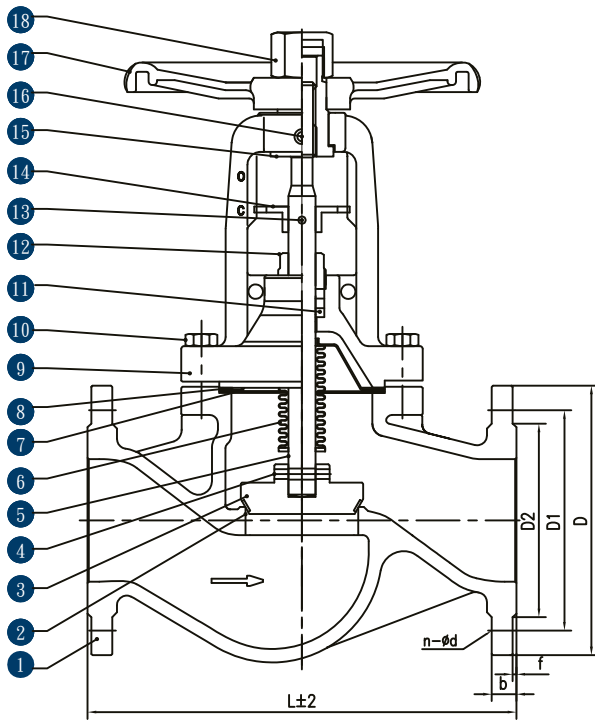
-10'C ~ +425'C

» Applications

Steam, Thermal Oil, etc
NB: Not suitable for dangerous gas.

Materials List

No.	PARTS NAME	MATERIALS
1	BODY	1.0619
2	SEAT	1.0619+13Cr
3	DISC	A105+13Cr
4	PIN	SS304
5	STEM	2Cr13
6	BELLOWS	SS304
7	SEALING MEMBER	SS304
8	GASKET	SS304+ Graphite
9	BONNET	1.0619
10	BOLT	A193 B7
11	PACKING	Graphite
12	GLAND	A105
13	PIN	1035
14	LOCATOR	1025
15	STEM NUT	1045
16	OIL CUP	Copper
17	HANDWHEEL	KTH330
18	CAP	A105



DN	L	D	D1	D2	b	f	n-Φd
100	350	220	180	158	20	3	8-Φ18
125	400	250	210	188	22	3	8-Φ18
150	480	285	240	212	22	3	8-Φ22
200	600	340	295	268	24	3	12-Φ22

BELLOW GLOBE VALVE

Flange Ends PN40, DN15~DN80

KAD-BLGB PN40

» Features

Bolted bonnet construction with non-rising handwheel
Non-rotating stem prevents torsion of bellows
Stem with bellow seal offers reliable tightness
Seat and disc hardfaced with Cr13
Fully enclosed spiral wound stainless + graphite gasket
Position indicator marking as standard
Lubricating nipple complementary as standard

»Body Material

Carbon steel, Stainless steel
Ductile iron optional

» Standards

Design acc. to EN 12516-1
Flange Dimensions acc. to EN 1092-1
Face-to-Face Dimension acc. to EN 558 Series 1
Inspection & test acc. to EN 12266-1 Rate A (liquid)

» End Connections

Flange DIN PN16, PN25, PN40
Flange ANSI CL150, CL300 Flange
Socketweld, Buttweld, Screwed*
* Size <=DN50 in forged steel material

»Temperature Range

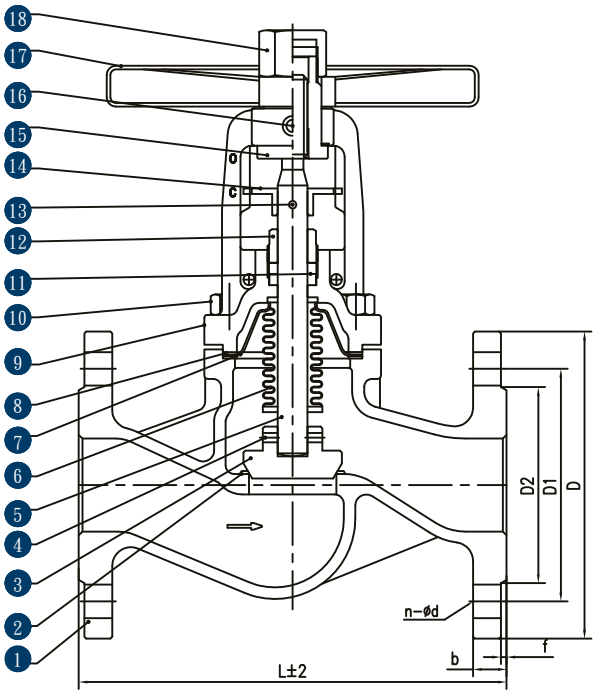
-10'C ~ +425'C

» Applications

Steam, Thermal Oil, etc
NB: Not suitable for dangerous gas.

Materials List

No.	PARTS NAME	MATERIALS
1	BODY	1.0619
2	SEAT	1.0619+13Cr
3	DISC	A105+13Cr
4	PIN	SS304
5	STEM	2Cr13
6	BELLOWS	SS304
7	SEALING MEMBER	SS304
8	GASKET	SS304+ Graphite
9	BONNET	1.0619
10	BOLT	A193 B7
11	PACKING	Graphite
12	GLAND	A105
13	PIN	1035
14	LOCATOR	1025
15	STEM NUT	1045
16	OIL CUP	Copper
17	HANDWHEEL	1025
18	CAP	A105



DN	L	D	D1	D2	b	f	n-Φd
15	130	95	65	45	16	2	4-Φ14
20	150	105	75	58	18	2	4-Φ14
25	160	115	85	68	18	2	4-Φ14
32	180	140	100	78	18	2	4-Φ18
40	200	150	110	88	18	3	4-Φ18
50	230	165	125	102	20	3	4-Φ18
65	290	185	145	122	22	3	8-Φ18
80	310	200	160	138	24	3	8-Φ18

BELLOW GLOBE VALVE

Flange Ends PN40, DN100~DN200

KAD-BLGB PN40

» Features

Bolted bonnet construction with non-rising handwheel
Non-rotating stem prevents torsion of bellows
Stem with bellow seal offers reliable tightness
Seat and disc hardfaced with Cr13
Fully enclosed spiral wound stainless + graphite gasket
Position indicator marking as standard
Lubricating nipple complementary as standard

»Body Material

Carbon steel, Stainless steel
Ductile iron optional

» Standards

Design acc. to EN 12516-1
Flange Dimensions acc. to EN 1092-1
Face-to-Face Dimension acc. to EN 558 Series 1
Inspection & test acc. to EN 12266-1 Rate A (liquid)

» End Connections

Flange DIN PN16, PN25, PN40
Flange ANSI CL150, CL300 Flange
Socketweld, Buttweld, Screwed*
* Size <=DN50 in forged steel material

»Temperature Range

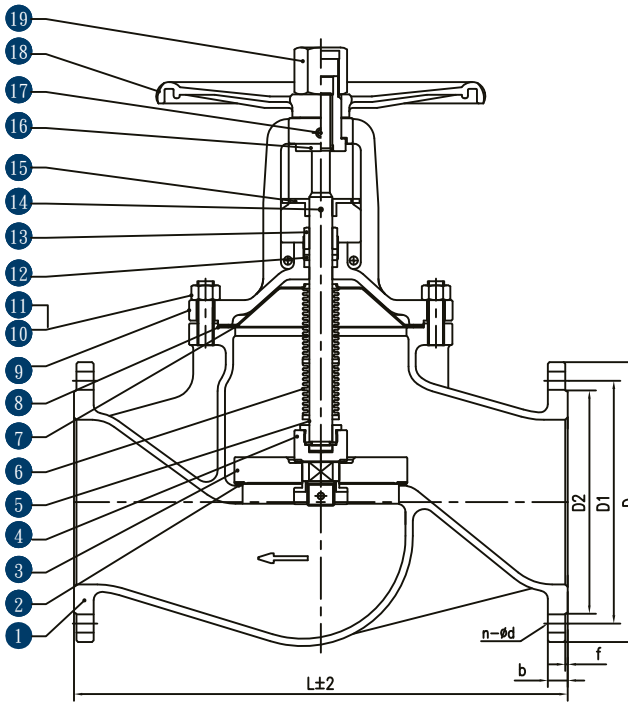
-10'C ~ +425'C

» Applications

Steam, Thermal Oil, etc
NB: Not suitable for dangerous gas.

Materials List

No.	PARTS NAME	MATERIALS
1	BODY	1.0619
2	SEAT	1.0619+13Cr
3	DISC	A105+13Cr
4	PIN	SS304
5	STEM	2Cr13
6	BELLOWS	SS304
7	SEALING MEMBER	SS304
8	GASKET	SS304+ Graphite
9	BONNET	1.0619
10	BOLT	A193 B7
11	NUT	A194 2H
12	PACKING	Graphite
13	GLAND	A105
14	PIN	1035
15	LOCATOR	1025
16	STEM NUT	1045
17	OIL CUP	Copper
18	HANDWHEEL	KTH330
19	CAP	A105



DN	L	D	D1	D2	b	f	n-Φd
100	350	235	190	162	24	3	8-Φ22
125	400	270	220	188	26	3	8-Φ26
150	480	300	250	218	28	3	8-Φ26
200	600	375	320	285	34	3	12-Φ30

All information is based on years of experience in production and operation of sealing elements. However, in view of the wide variety of possible installation and operating conditions one cannot draw final conclusions in all application cases regarding the behaviour in gasket joint. The data may not, therefore, be used to support any warranty claims. This edition cancels all previous issues. Subject to change without notice.

Certified acc. to DIN EN ISO 9001:2015 Subject to technical alterations.
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