

GLOBE VALVE

Cast Steel OS&Y to DIN
 PN16, DN50-DN150

KAD-GBF PN16-F1

» Features

Cast steel body construction providing liberal strength to meet most conditions
 Integral yoke & bonnet; Outside screw & yoke, bolted bonnet
 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
 EN10204-3.1 Material certificate available

» Body Material

DIN 17245 GS-C25

» Standards

Basic design to DIN 3356
 Face-to-Face acc. to DIN 3202-F1
 Flange Dimensions acc. to EN 1092-1
 Inspection & test according to EN 12266-1

» Temperature Range

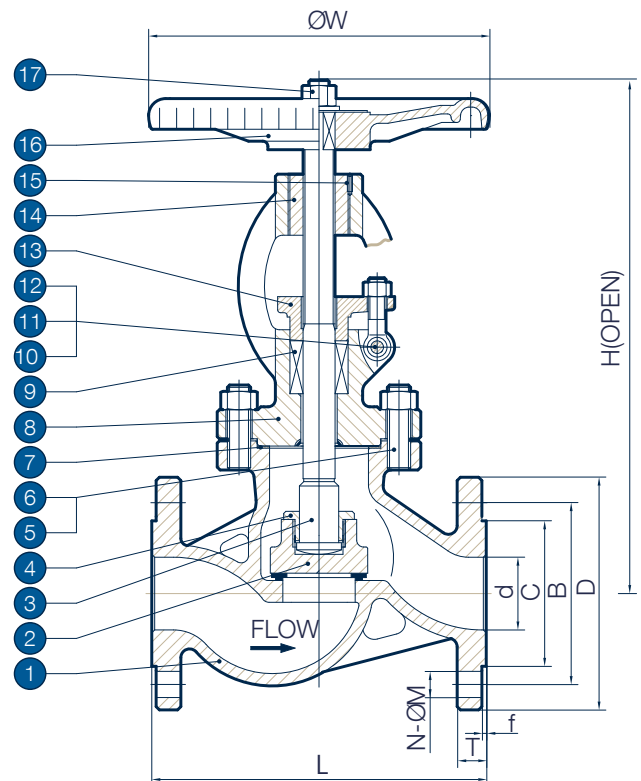
-20°C to 425°C (-4°F to 800°F)

» Note

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

Materials List:

NO	PART NAME	MATERIAL
1	BODY	DIN 17245 GS-C25 + 13Cr
2	DISC	ASTM A105 +13Cr
3	STEM	ASTM A182 F6a
4	DISC BONNET	AISI 1025
5	BONNET BOLT	ASTM A193 B7
6	BONNET NUT	ASTM A194 2H
7	GASKET	SS304+FLEXIBLE GRAPHITE
8	BONNET	DIN 17245 GS-C25
9	STEM PACKING	FLEXIBLE GRAPHITE
10	GLAND EYEBOLT	ASTM A193 B7
11	GLAND NUT	ASTM A194 2H
12	PIN	AISI 1025
13	GLAND FLANGE	DIN 17245 GS-C25
14	STEM NUT	COPPER ALLOY
15	GRUP SCREW	CARBON STEEL
16	HANDWHEEL	DUCTILE IRON
17	LOCK NUT	ASTM A194 2H



Dimensions (mm):

SIZE		d	D	B	C	W	L	H	T	f	N	M	WEIGHT (KG)
DN	NPS												
50	2"	50	165	125	102	200	230	325	18	3	4	18	19
65	2½"	65	185	145	122	220	290	385	18	3	4	18	28
80	3"	80	200	160	138	250	310	410	20	3	8	18	35
100	4"	100	220	180	158	300	350	455	20	3	8	18	45
125	5"	125	250	210	188	350	400	510	22	3	8	18	64
150	6"	150	285	240	212	400	480	560	22	3	8	22	91

GLOBE VALVE

Cast Steel OS&Y to DIN
 PN16, DN200-DN300

KAD-GBF PN16-F1

» Features

Cast steel body construction providing liberal strength to meet most conditions
 Integral yoke & bonnet; Outside screw & yoke, bolted bonnet
 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
 EN10204-3.1 Material certificate available

» Body Material

DIN 17245 GS-C25

» Standards

Basic design to DIN 3356
 Face-to-Face acc. to DIN 3202-F1
 Flange Dimensions acc. to EN 1092-1
 Inspection & test according to EN 12266-1

» Temperature Range

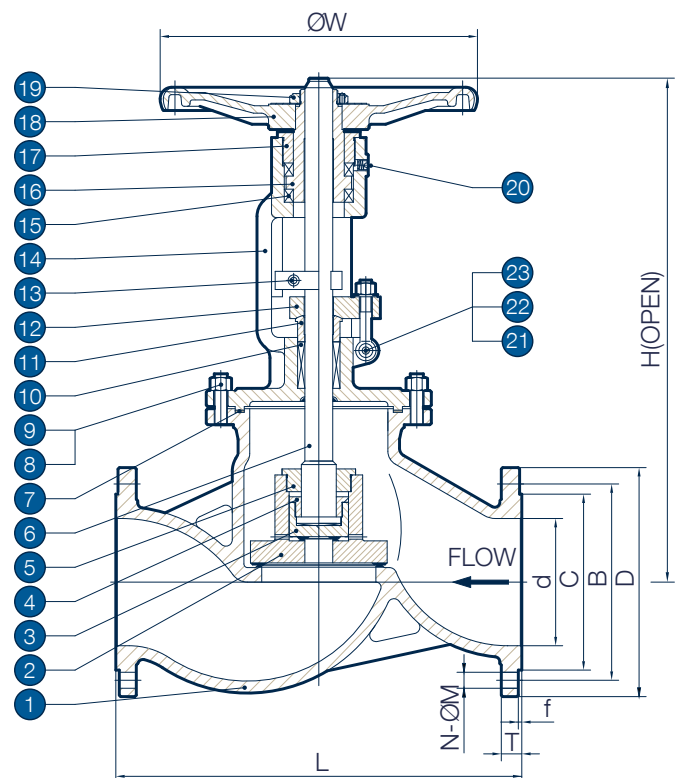
-20°C to 425°C (-4°F to 800°F)

» Note

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

Materials List:

NO	PART NAME	MATERIAL
1	BODY	DIN 17245 GS-C25 + 13Cr
2	BIG DISC	ASTM A105 +13Cr
3	SMALL DISC	ASTM A105 +13Cr
4	SMALL DISC NUT	ASTM A105
5	BIG DISC NUT	ASTM A105
6	STEM	ASTM A182 F6a
7	GASKET	SS304+FLEXIBLE GRAPHITE
8	BONNET BOLT	ASTM A193 B7
9	BONNET NUT	ASTM A194 2H
10	STEM PACKING	FLEXIBLE GRAPHITE
11	GLAND	ASTM A182 F6a
12	GLAND FLANGE	DIN 17245 GS-C25
13	SPLINTS	CARBON STEEL
14	BONNET	DIN 17245 GS-C25
15	BEARINGS	ALLOY STEEL
16	STEM NUT	ASTM A439 D2
17	RETAINING NUT	AISI 1025
18	HANDWHEEL	DUCTILE IRON
19	LOCK NUT	CARBON STEEL
20	NIPPLE	COPPER ALLOY
21	GLAND EYEBOLT	ASTM A193 B7
22	GLAND NUT	ASTM A194 2H
23	PIN	AISI 1025



Dimensions (mm):

SIZE		d	D	B	C	W	L	H	T	f	N	M	WEIGHT (KG)
DN	NPS												
200	8"	200	340	295	268	450	600	750	24	3	12	22	175
250	10"	250	405	355	320	500	730	932	26	3	12	26	310
300	12"	300	460	410	378	550	850	1036	28	4	12	26	460

GLOBE VALVE

Cast Steel OS&Y to DIN
 PN25, DN50-DN150

KAD-GBF PN25-F1

» Features

Cast steel body construction providing liberal strength to meet most conditions
 Integral yoke & bonnet; Outside screw & yoke, bolted bonnet
 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
 EN10204-3.1 Material certificate available

» Body Material

DIN 17245 GS-C25

» Standards

Basic design to DIN 3356
 Face-to-Face acc. to DIN 3202-F1
 Flange Dimensions acc. to EN 1092-1
 Inspection & test according to EN 12266-1

» Temperature Range

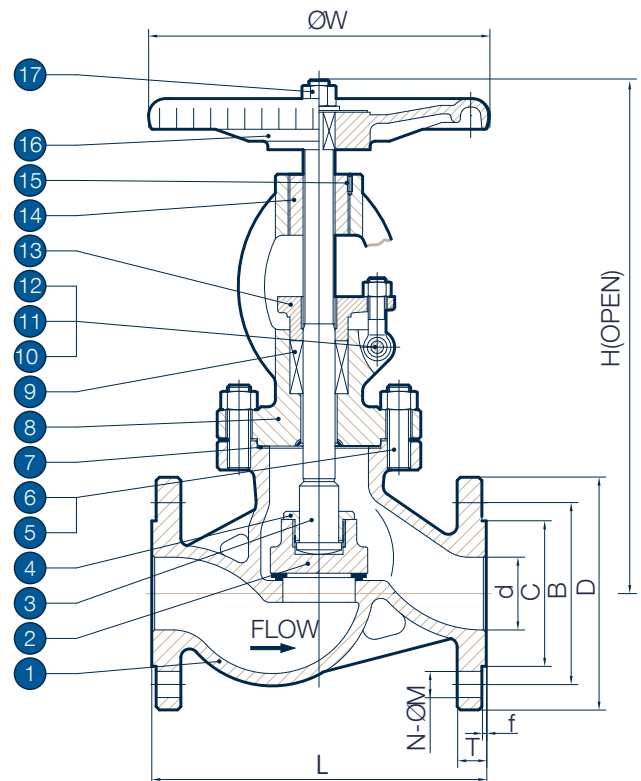
-20°C to 425°C (-4°F to 800°F)

» Note

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

Materials List:

NO	PART NAME	MATERIAL
1	BODY	DIN 17245 GS-C25 + 13Cr
2	DISC	ASTM A105 +13Cr
3	STEM	ASTM A182 F6a
4	DISC BONNET	AISI 1025
5	BONNET BOLT	ASTM A193 B7
6	BONNET NUT	ASTM A194 2H
7	GASKET	SS304+FLEXIBLE GRAPHITE
8	BONNET	DIN 17245 GS-C25
9	STEM PACKING	FLEXIBLE GRAPHITE
10	GLAND EYEBOLT	ASTM A193 B7
11	GLAND NUT	ASTM A194 2H
12	PIN	AISI 1025
13	GLAND FLANGE	DIN 17245 GS-C25
14	STEM NUT	COPPER ALLOY
15	GRUP SCREW	CARBON STEEL
16	HANDWHEEL	DUCTILE IRON
17	LOCK NUT	ASTM A194 2H



Dimensions (mm):

SIZE		d	D	B	C	W	L	H	T	f	N	M
DN	NPS											
50	2"	50	165	125	102	200	230	325	20	3	4	18
65	2½"	65	185	145	122	220	290	385	22	3	8	18
80	3"	80	200	160	138	250	310	410	24	3	8	18
100	4"	100	235	190	162	300	350	455	24	3	8	22
125	5"	125	270	220	188	350	400	510	26	3	8	26
150	6"	150	300	250	218	400	480	560	28	3	8	26

GLOBE VALVE

Cast Steel OS&Y to DIN
 PN25, DN200-DN300

KAD-GBF PN25-F1

» Features

Cast steel body construction providing liberal strength to meet most conditions
 Integral yoke & bonnet; Outside screw & yoke, bolted bonnet
 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
 EN10204-3.1 Material certificate available

» Body Material

DIN 17245 GS-C25

» Standards

Basic design to DIN 3356
 Face-to-Face acc. to DIN 3202-F1
 Flange Dimensions acc. to EN 1092-1
 Inspection & test according to EN 12266-1

» Temperature Range

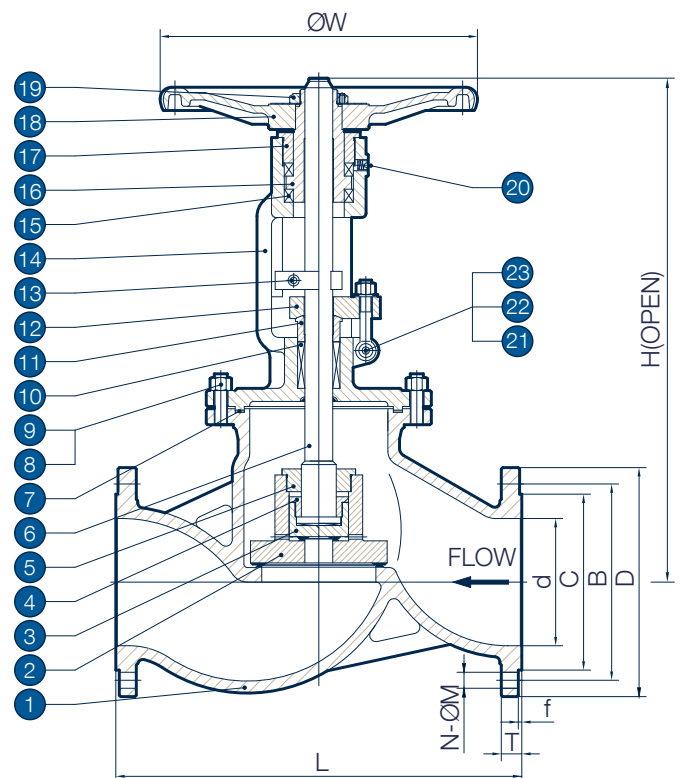
-20°C to 425°C (-4°F to 800°F)

» Note

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

Materials List:

NO	PART NAME	MATERIAL
1	BODY	DIN 17245 GS-C25 + 13Cr
2	BIG DISC	ASTM A105 +13Cr
3	SMALL DISC	ASTM A105 +13Cr
4	SMALL DISC NUT	ASTM A105
5	BIG DISC NUT	ASTM A105
6	STEM	ASTM A182 F6a
7	GASKET	SS304+FLEXIBLE GRAPHITE
8	BONNET BOLT	ASTM A193 B7
9	BONNET NUT	ASTM A194 2H
10	STEM PACKING	FLEXIBLE GRAPHITE
11	GLAND	ASTM A182 F6a
12	GLAND FLANGE	DIN 17245 GS-C25
13	SPLINTS	CARBON STEEL
14	BONNET	DIN 17245 GS-C25
15	BEARINGS	ALLOY STEEL
16	STEM NUT	ASTM A439 D2
17	RETAINING NUT	AISI 1025
18	HANDWHEEL	DUCTILE IRON
19	LOCK NUT	CARBON STEEL
20	NIPPLE	COPPER ALLOY
21	GLAND EYEBOLT	ASTM A193 B7
22	GLAND NUT	ASTM A194 2H
23	PIN	AISI 1025



Dimensions (mm):

SIZE		d	D	B	C	W	L	H	T	f	N	M
DN	NPS											
200	8"	200	360	310	278	450	600	750	30	3	12	26
250	10"	250	425	370	335	500	730	932	32	3	12	30
300	12"	300	485	430	395	550	850	1036	34	4	12	30

GLOBE VALVE

Cast Steel OS&Y to DIN
 PN40, DN50-DN150

KAD-GBF PN40-F1

» Features

Cast steel body construction providing liberal strength to meet most conditions
 Integral yoke & bonnet; Outside screw & yoke, bolted bonnet
 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
 EN10204-3.1 Material certificate available

» Body Material

DIN 17245 GS-C25

» Standards

Basic design to DIN 3356
 Face-to-Face acc. to DIN 3202-F1
 Flange Dimensions acc. to EN 1092-1
 Inspection & test according to EN 12266-1

» Temperature Range

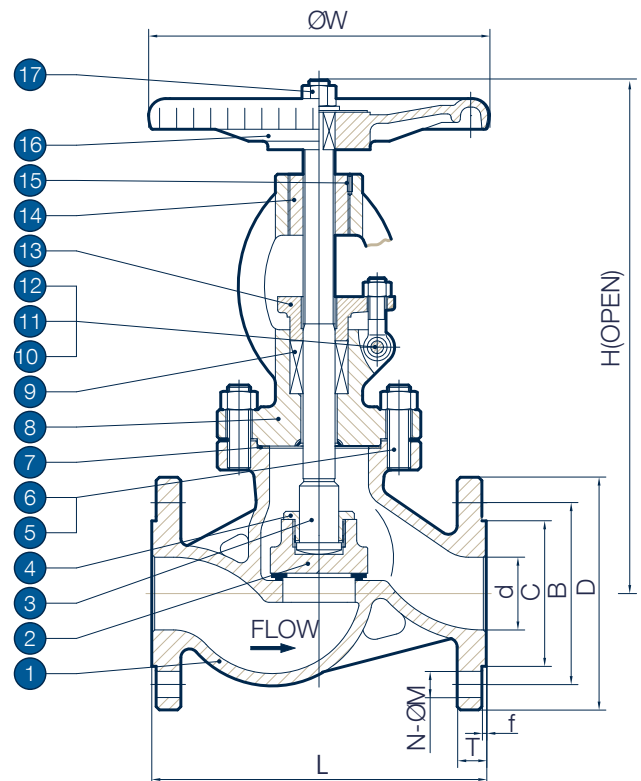
-20°C to 425°C (-4°F to 800°F)

» Note

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

Materials List:

NO	PART NAME	MATERIAL
1	BODY	DIN 17245 GS-C25 + 13Cr
2	DISC	ASTM A105 +13Cr
3	STEM	ASTM A182 F6a
4	DISC BONNET	AISI 1025
5	BONNET BOLT	ASTM A193 B7
6	BONNET NUT	ASTM A194 2H
7	GASKET	SS304+FLEXIBLE GRAPHITE
8	BONNET	DIN 17245 GS-C25
9	STEM PACKING	FLEXIBLE GRAPHITE
10	GLAND EYEBOLT	ASTM A193 B7
11	GLAND NUT	ASTM A194 2H
12	PIN	AISI 1025
13	GLAND FLANGE	DIN 17245 GS-C25
14	STEM NUT	COPPER ALLOY
15	GRUP SCREW	CARBON STEEL
16	HANDWHEEL	DUCTILE IRON
17	LOCK NUT	ASTM A194 2H



Dimensions (mm):

SIZE		d	D	B	C	W	L	H	T	f	N	M
DN	NPS											
50	2"	50	165	125	102	200	230	325	20	3	4	18
65	2½"	65	185	145	122	220	290	385	22	3	8	18
80	3"	80	200	160	138	250	310	410	24	3	8	18
100	4"	100	235	190	162	300	350	455	24	3	8	22
125	5"	125	270	220	188	350	400	510	26	3	8	26
150	6"	150	300	250	218	400	480	560	28	3	8	26

GLOBE VALVE

Cast Steel OS&Y to DIN
 PN40, DN200-DN300

KAD-GBF PN40-F1

» Features

Cast steel body construction providing liberal strength to meet most conditions
 Integral yoke & bonnet; Outside screw & yoke, bolted bonnet
 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
 EN10204-3.1 Material certificate available

» Body Material

DIN 17245 GS-C25

» Standards

Basic design to DIN 3356
 Face-to-Face acc. to DIN 3202-F1
 Flange Dimensions acc. to EN 1092-1
 Inspection & test according to EN 12266-1

» Temperature Range

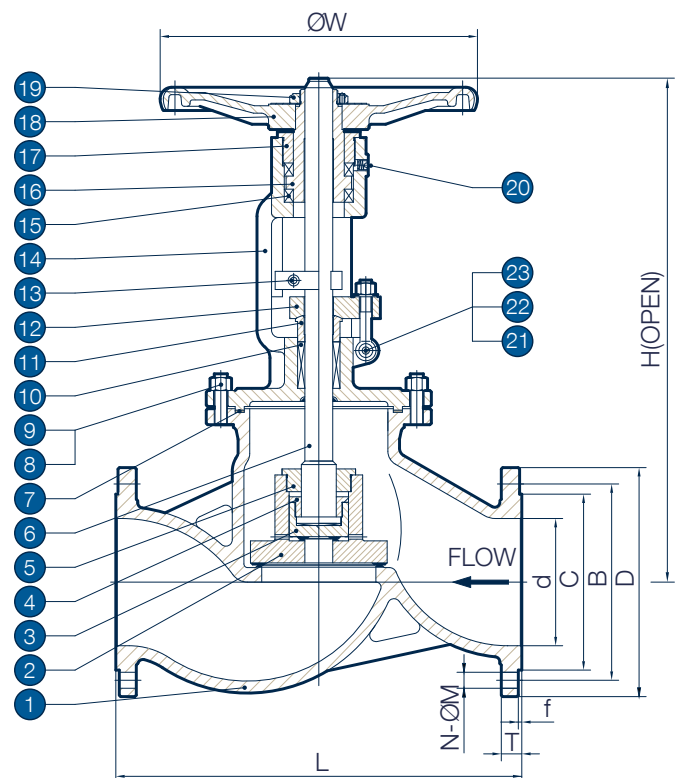
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Materials List:

NO	PART NAME	MATERIAL
1	BODY	DIN 17245 GS-C25 + 13Cr
2	BIG DISC	ASTM A105 +13Cr
3	SMALL DISC	ASTM A105 +13Cr
4	SMALL DISC NUT	ASTM A105
5	BIG DISC NUT	ASTM A105
6	STEM	ASTM A182 F6a
7	GASKET	SS304+FLEXIBLE GRAPHITE
8	BONNET BOLT	ASTM A193 B7
9	BONNET NUT	ASTM A194 2H
10	STEM PACKING	FLEXIBLE GRAPHITE
11	GLAND	ASTM A182 F6a
12	GLAND FLANGE	DIN 17245 GS-C25
13	SPLINTS	CARBON STEEL
14	BONNET	DIN 17245 GS-C25
15	BEARINGS	ALLOY STEEL
16	STEM NUT	ASTM A439 D2
17	RETAINING NUT	AISI 1025
18	HANDWHEEL	DUCTILE IRON
19	LOCK NUT	CARBON STEEL
20	NIPPLE	COPPER ALLOY
21	GLAND EYEBOLT	ASTM A193 B7
22	GLAND NUT	ASTM A194 2H
23	PIN	AISI 1025



Dimensions (mm):

SIZE		d	D	B	C	W	L	H	T	f	N	M
DN	NPS											
200	8"	200	375	320	285	450	600	750	34	3	12	30
250	10"	250	450	385	345	500	730	932	38	3	12	33
300	12"	300	515	450	410	550	850	1036	42	4	16	33

GLOBE VALVE

Cast Steel OS&Y to DIN
PN63, DN50-DN150



KAD-GBF PN63-F2

» Features

Cast steel body construction providing liberal strength to meet most conditions
Integral yoke & bonnet; Outside screw & yoke, bolted bonnet
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
EN10204-3.1 Material certificate available

» Body Material

DIN 17245 GS-C25

» Standards

Basic design to DIN 3356
Face-to-Face acc. to DIN 3202-F2
Flange Dimensions acc. to EN 1092-1
Inspection & test according to EN 12266-1

» Temperature Range

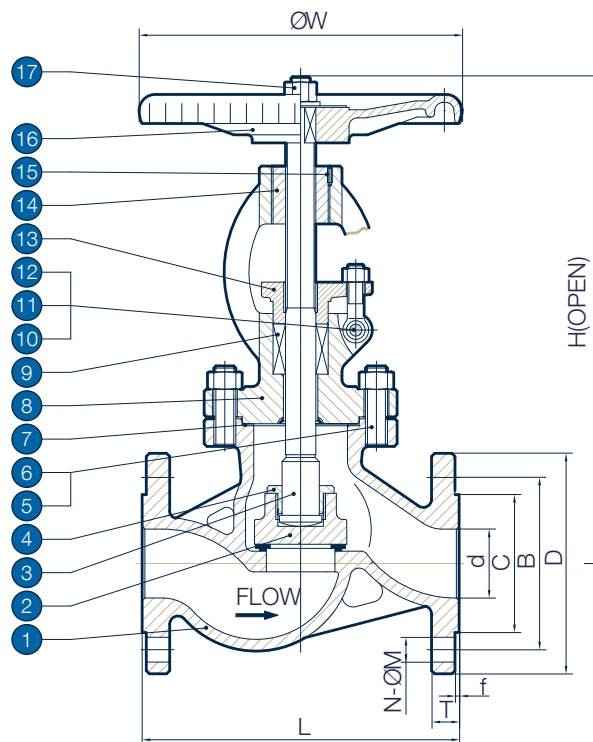
-20°C to 425°C (-4°F to 800°F)

» Note

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Materials List:

NO	PART NAME	MATERIAL
1	BODY	DIN 17245 GS-C25 + 13Cr
2	DISC	ASTM A105 +13Cr
3	STEM	ASTM A182 F6a
4	DISC BONNET	AISI 1025
5	BONNET BOLT	ASTM A193 B7
6	BONNET NUT	ASTM A194 2H
7	GASKET	SS304+FLEXIBLE GRAPHITE
8	BONNET	DIN 17245 GS-C25
9	STEM PACKING	FLEXIBLE GRAPHITE
10	GLAND EYEBOLT	ASTM A193 B7
11	GLAND NUT	ASTM A194 2H
12	PIN	AISI 1025
13	GLAND FLANGE	DIN 17245 GS-C25
14	STEM NUT	COPPER ALLOY
15	GRUP SCREW	CARBON STEEL
16	HANDWHEEL	DUCTILE IRON
17	LOCK NUT	ASTM A194 2H



Dimensions (mm):

SIZE		d	D	B	C	W	L	H	T	f	N	M
DN	NPS											
50	2"	50	180	135	102	200	300	325	26	3	4	22
65	2½"	65	205	160	122	220	340	385	26	3	8	22
80	3"	80	215	170	138	250	380	410	28	3	8	22
100	4"	100	250	200	162	300	430	455	30	3	8	28
125	5"	125	295	240	188	350	500	510	34	3	8	30
150	6"	150	345	280	218	400	550	560	36	3	8	33

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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