

Rising Stem Bidirectional Iron Knife Gate Valve

Flange Standard

DIN2632, EN1092, ANSI B16.5

Materials of Main Parts

No.	Name	Material
1	Body	GG25/GGG40
2	Seat	EPDM/NBR
3	Disc	201/304/316
4	Packing	PTFE/Kelvar
5	Gland	GG25/GGG40
6	Bolt	A193 B7
7	Nut	A194 2H
8	Stem	2Cr13
9	Yoke	Q235A
10	Support Plate	C.S
11	Bolt	A193 B7
12	Nut	A194 2H
13	Hand wheel	HT250
14	Stud	A193 B7
15	Nut	A194 2H
16	Bearing	Bearing Steel
17	Hood	Steel
18	Hood Cover	PVC

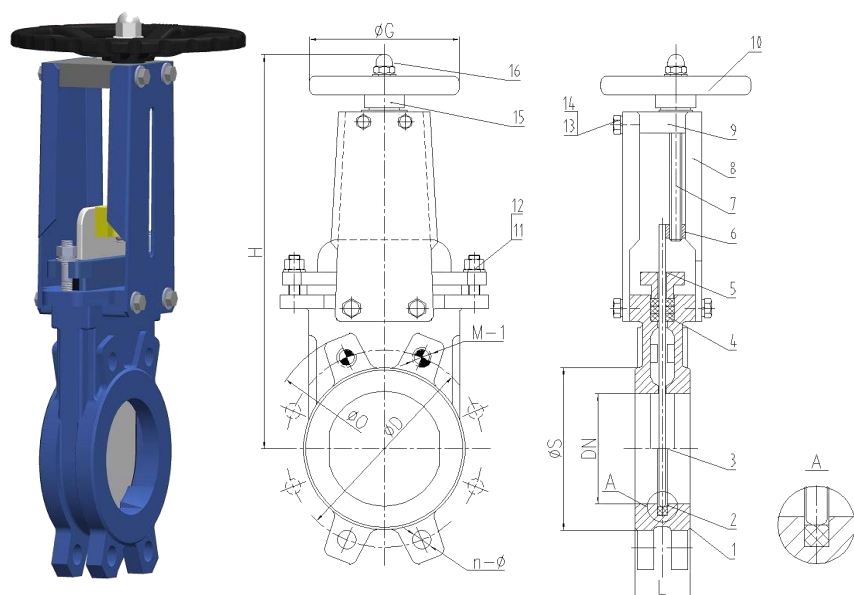
Main Dimensions

DN mm	50	65	80	100	125	150	200	250	300	350	400	450	500	600
L	43	46	46	52	56	56	62	68	78	78	102	114	127	154
ØG	200	200	200	200	200	300	300	350	350	500	500	500	500	500
ØO	155	178	195	225	246	280	340	400	442	505	560	615	670	780
ØD	125	145	160	180	210	240	295	340	400	460	515	565	620	725
ØS	92	102	127	148	178	202	258	308	360	416	466	520	572	652
M-1	2-M16	2-M16	2-M16	2-M16	2-M16	2-M20	2-M20	4-M20	4-M20	6-M20	6-M24	8-M24	8-M24	8-M27
n-Ø	2-Ø18	2-Ø18	2-Ø18	2-Ø18	2-Ø18	2-Ø22	2-Ø22	4-Ø22	4-Ø22	4-Ø22	4-Ø27	6-Ø27	6-Ø27	6-Ø30
H≈	375	420	450	512	570	665	825	1000	1115	1310	1475	1630	/	/

Non-Rising Stem Bidirectional Iron Knife Gate Valve

Flange Standard

DIN2632,EN1092,ANSI B16.5



Materials of Main Parts

No.	Name	Material
1	Body	GG25/GGG40
2	Seat	EPDM/NBR
3	Disc	201/304/316
4	Packing	PTFE/Kelvar
5	Gland	GG25/GGG40
6	Stem Nut	QAL9-4
7	Stem	2Cr13
8	Yoke	Q235A
9	Support	Carbon Steel
10	Hand wheel	HT250
11	Bolt	A193 B7
12	Nut	A194 2H
13	Bolt	A193 B7
14	Gasket	A194 2H
15	Bearing	Bearing Steel
16	Cap	Steel

Main Dimensions

DN mm	50	65	80	100	125	150	200	250	300	350	400	450	500	600
L	43	46	46	52	56	56	62	68	78	78	102	114	127	154
ØG	200	200	200	200	200	300	300	350	350	500	500	500	500	500
ØO	155	178	195	225	246	280	340	400	442	505	560	615	670	780
ØD	125	145	160	180	210	240	295	340	400	460	515	565	620	725
ØS	92	102	127	148	178	202	258	308	360	416	466	520	572	652
M-1	2-M16	2-M16	2-M16	2-M16	2-M16	2-M20	2-M20	4-M20	4-M20	6-M20	6-M24	8-M24	8-M24	8-M27
n-Ø	2-Ø18	2-Ø18	2-Ø18	2-Ø18	2-Ø18	2-Ø22	2-Ø22	4-Ø22	4-Ø22	4-Ø22	4-Ø27	6-Ø27	6-Ø27	6-Ø30
H≈	375	420	450	512	570	665	825	1000	1115	1310	1475	1630	/	/

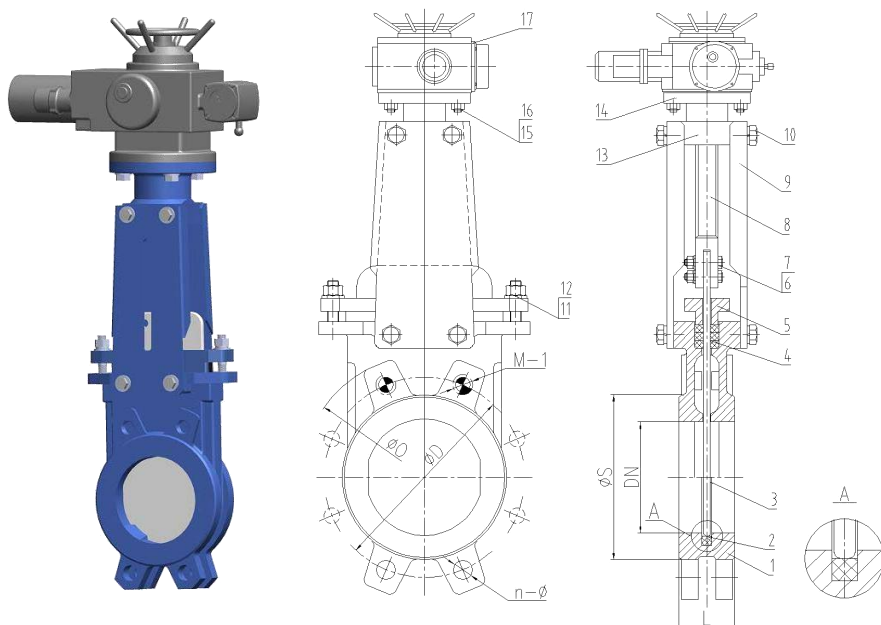
Electric Bidirectional Iron Knife Gate Valve

Flange Standard

DIN2632, EN1092, ANSI B16.5

Materials of Main Parts

No.	Name	Material
1	Body	GG25/GGG40
2	Seat	EPDM/NBR
3	Disc	201/304/316
4	Packing	PTFE/Kelvar
5	Gland	GG25/GGG40
6	Bolt	A193 B7
7	Nut	A194 2H
8	Stem	2Cr13
9	Yoke	Q235A
10	Bolt	A193 B7
11	Bolt	A193 B7
12	Nut	A194 2H
13	Support	C.S
14	Top Flange	A193 B7
15	Bolt	A193 B7
16	Nut	A194 2H
17	Actuator	



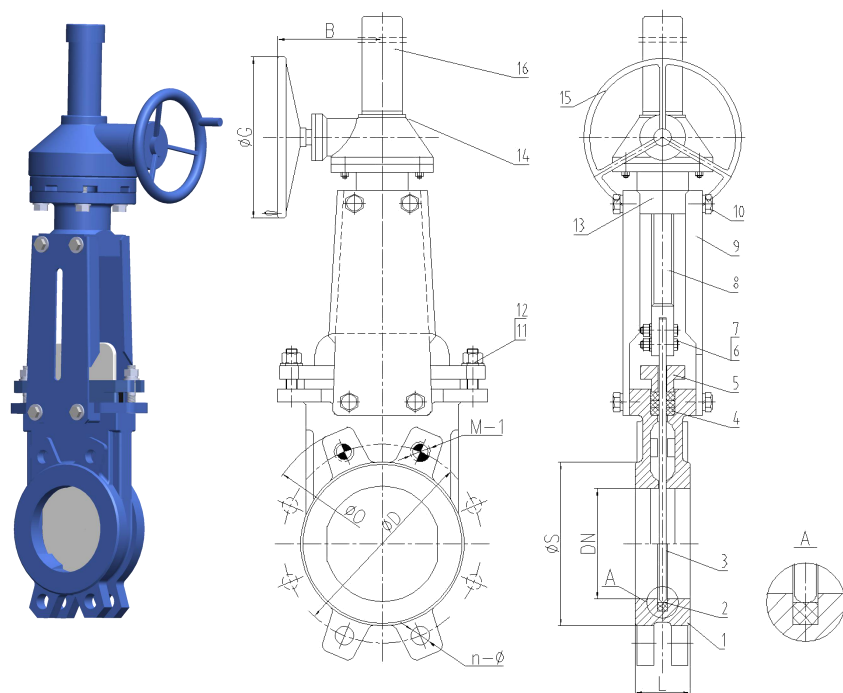
Main Dimensions

DN mm	50	65	80	100	125	150	200	250	300	350	400	450	500	600
L	43	46	46	52	56	56	62	68	78	78	102	114	127	154
ØO	155	178	195	225	246	280	340	400	442	505	560	615	670	780
ØD	125	145	160	180	210	240	295	340	400	460	515	565	620	725
ØS	92	102	127	148	178	202	258	308	360	416	466	520	572	652
M-1	2-M16	2-M16	2-M16	2-M16	2-M16	2-M20	2-M20	4-M20	4-M20	6-M20	6-M24	8-M24	8-M24	8-M27
n-Ø	2-Ø18	2-Ø18	2-Ø18	2-Ø18	2-Ø18	2-Ø22	2-Ø22	4-Ø22	4-Ø22	4-Ø22	4-Ø27	6-Ø27	6-Ø27	6-Ø30
Torque	60	75	90	12	150	18	210	240	270	315	360	480	540	630

Bevel Gear Bidirectional Iron Knife Gate Valve

Flange Standard

DIN2632, EN1092, ANSI B16.5



Materials of Main Parts

No.	Name	Material
1	Body	GG25/GGG40
2	Seat	EPDM/NBR
3	Disc	201/304/316
4	Packing	PTFE/Kelvar
5	Gland	GG25/GGG40
6	Bolt	A193 B7
7	Nut	A194 2H
8	Stem	2Cr13
9	Yoke	Q235A
10	Bolt	A193 B7
11	Bolt	A193 B7
12	Nut	A194 2H
13	Support	C.S
14	Bevel Gear	Assembly
15	Hand Wheel	HT250
16	Hood	Steel

Main Dimensions

DN mm	50	65	80	100	125	150	200	250	300	350	400	450	500	600
L	43	46	46	52	56	56	62	68	78	78	102	114	127	154
ØO	155	178	195	225	246	280	340	400	442	505	560	615	670	780
ØD	125	145	160	180	210	240	295	340	400	460	515	565	620	725
ØS	92	102	127	148	178	202	258	308	360	416	466	520	572	652
M-1	2-M16	2-M16	2-M16	2-M16	2-M16	2-M20	2-M20	4-M20	4-M20	6-M20	6-M24	8-M24	8-M24	8-M27
n-Ø	2-Ø18	2-Ø18	2-Ø18	2-Ø18	2-Ø18	2-Ø22	2-Ø22	4-Ø22	4-Ø22	4-Ø22	4-Ø27	6-Ø27	6-Ø27	6-Ø30
B	150	150	150	150	150	150	150	150	150	170	170	170	233	233
G	250	250	250	250	250	250	250	310	310	310	310	310	460	460

Pneumatic Bidirectional Iron Knife Gate Valve

Flange Standard

DIN2632,EN1092,ANSI B16.5

Materials of Main Parts

No.	Name	Material
1	Body	GG25/GGG40
2	Seat	EPDM/NBR
3	Disc	201/304/316
4	Packing	PTFE/Kelvar
5	Gland	GG25/GGG40
6	Pin	Steel
7	Nut	A194 2H
8	Piston Rod	1045+Cr/304
9	Yoke	Q235A
10	Bolt	A193 B7
11	Bolt	A193 B7
12	Nut	A194 2H
13	Support	C.S
14	Top Flange	C.S
15	Stud	A193 B7
16	Nut	A194 2H
17	Cylinder	Aluminum

Main Dimensions

DN mm	50	65	80	100	125	150	200	250	300	350	400	450	500	600
L	43	46	46	52	56	56	62	68	78	78	102	114	127	154
ØO	155	178	195	225	246	280	340	400	442	505	560	615	670	780
ØD	125	145	160	180	210	240	295	340	400	460	515	565	620	725
ØS	92	102	127	148	178	202	258	308	360	416	466	520	572	652
M-1	2-M16	2-M16	2-M16	2-M16	2-M16	2-M20	2-M20	4-M20	4-M20	6-M20	6-M24	8-M24	8-M24	8-M27
n-Ø	2-Ø18	2-Ø18	2-Ø18	2-Ø18	2-Ø18	2-Ø22	2-Ø22	4-Ø22	4-Ø22	4-Ø22	4-Ø27	6-Ø27	6-Ø27	6-Ø30
ØC	80	80	100	100	125	125	160	160	200	200	250	250	250	250
Stroke	65	80	95	120	140	168	220	270	320	370	420	470	520	620

Hydraulic Bidirectional Iron Knife Gate Valve

Flange Standard

DIN2632, EN1092, ANSI B16.5

Materials of Main Parts

No.	Name	Material
1	Body	GG25/GGG40
2	Seat	EPDM/NBR
3	Disc	201/304/316
4	Packing	PTFE/Kelvar
5	Gland	GG25/GGG40
6	Bolt	A193 B7
7	Nut	A194 2H
8	Stem	2Cr13
9	Yoke	Q235A
10	Bolt	A193 B7
11	Bolt	A193 B7
12	Nut	A194 2H
13	Support	C.S
14	Top Flange	A193 B7
15	Stud	A193 B7
16	Nut	A194 2H
17	Hydraulic Cylinder	

Main Dimensions

DN mm	50	65	80	100	125	150	200	250	300	350	400	450	500	600
L	43	46	46	52	56	56	62	68	78	78	102	114	127	154
ØO	155	178	195	225	246	280	340	400	442	505	560	615	670	780
ØD	125	145	160	180	210	240	295	340	400	460	515	565	620	725
ØS	92	102	127	148	178	202	258	308	360	416	466	520	572	652
M-1	2-M16	2-M16	2-M16	2-M16	2-M16	2-M20	2-M20	4-M20	4-M20	6-M20	6-M24	8-M24	8-M24	8-M27
n-Ø	2-Ø18	2-Ø18	2-Ø18	2-Ø18	2-Ø18	2-Ø22	2-Ø22	4-Ø22	4-Ø22	4-Ø22	4-Ø27	6-Ø27	6-Ø27	6-Ø30

Lever Bidirectional Iron Knife Gate Valve

Flange Standard

DIN2632, EN1092, ANSI B16.5

Materials of Main Parts

No.	Name	Material
1	Body	GG25/GGG40
2	Seat	EPDM/NBR
3	Disc	201/304/316
4	Packing	PTFE/Kelvar
5	Gland	GG25/GGG40
6	Bolt	A193 B7
7	Nut	A194 2H
8	Stem	2Cr13
9	Yoke	Q235A
10	Bolt	A193 B7
11	Bolt	A193 B7
12	Nut	A194 2H
13	Support Plate	C.S
14	Directional of Fork	A193 B7
15	Lever	A194 2H

Main Dimensions

DN mm	50	65	80	100	125	150	200	250	300	350	400	450	500	600
L	43	46	46	52	56	56	62	68	78	78	102	114	127	154
ØO	155	178	195	225	246	280	340	400	442	505	560	615	670	780
ØD	125	145	160	180	210	240	295	340	400	460	515	565	620	725
ØS	92	102	127	148	178	202	258	308	360	416	466	520	572	652
M-1	2-M16	2-M16	2-M16	2-M16	2-M16	2-M20	2-M20	4-M20	4-M20	6-M20	6-M24	8-M24	8-M24	8-M27
n-Ø	2-Ø18	2-Ø18	2-Ø18	2-Ø18	2-Ø18	2-Ø22	2-Ø22	4-Ø22	4-Ø22	4-Ø22	4-Ø27	6-Ø27	6-Ø27	6-Ø30

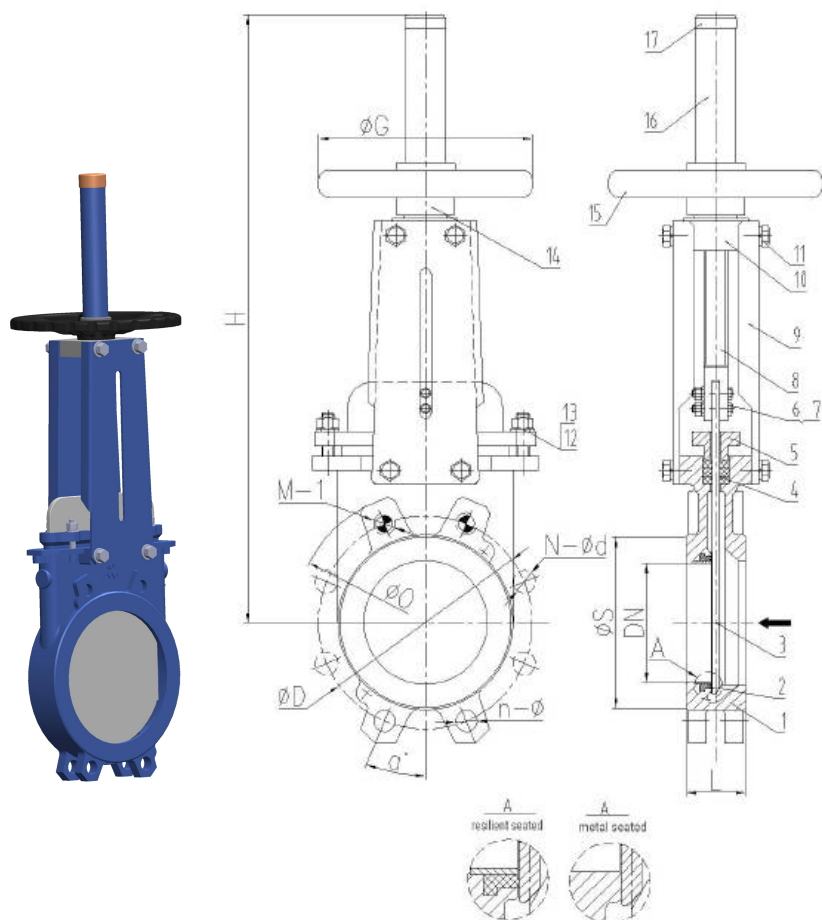
Rising stem Unidirectional Steel Knife Gate Valve

Flange Standard

DIN2632, EN1092, ANSI B16.5

Materials of Main Parts

No.	Name	Material
1	Body	WCB/CF8/CF8M
2	Seat	EPDM/NBR/PTFE/VITON/Metal
3	Disc	201/304/316/duplex steel
4	Packing	PTFE/Kelvar
5	Gland	WCB/CF8/CF8M
6	Bolt	A193 B7/B8/B8M
7	Nut	A194 2H/8/8M
8	Stem	2Cr13/304/316
9	Yoke	Q235
10	Support Plate	C.S
11	Bolt	A193 B7/B8/B8M
12	Bolt	A193 B7/B8/B8M
13	Nut	A194 2H/8/8M
14	Bearing	Bearing Steel
15	Hand wheel	HT250
16	Hood	Steel
17	Hood Cove	PVC



Main Dimensions

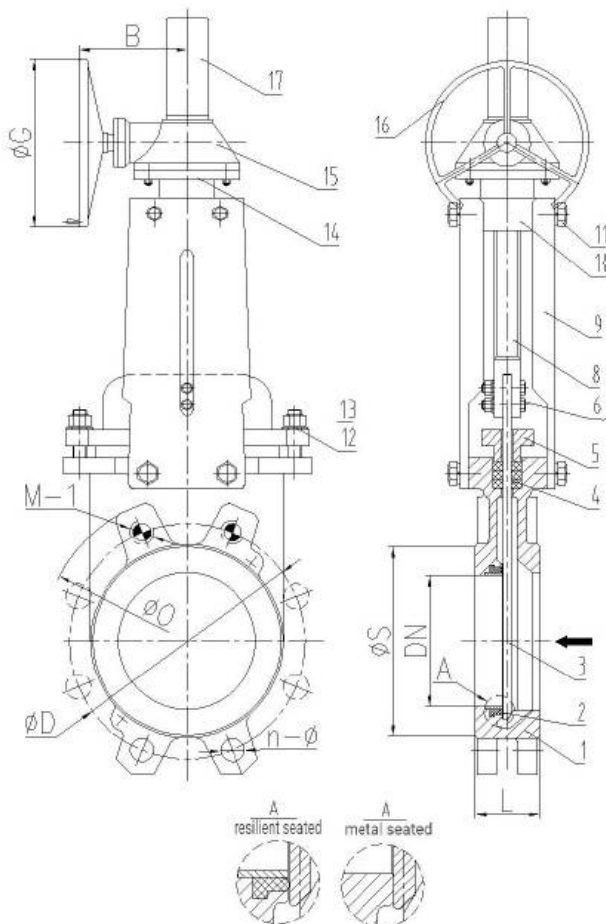
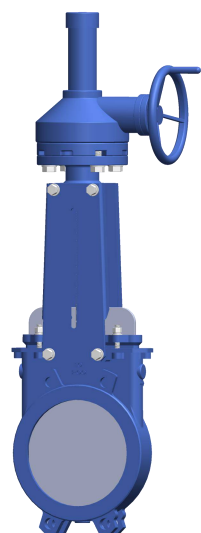
DN mm	50	65	80	100	125	150	200	250	300	350	400	450	500	600
L	43	46	46	52	56	56	62	68	78	78	102	114	127	154
ØO	155	178	195	225	246	280	340	400	442	505	560	615	670	780
ØD	125	145	160	180	210	240	295	340	400	460	515	565	620	725
ØS	92	102	127	148	178	202	258	308	360	416	466	520	572	652
M-1	2-M16	2-M16	2-M16	2-M16	2-M16	2-M20	2-M20	4-M20	4-M20	6-M20	6-M24	8-M24	8-M24	8-M27
n-Ø	2-Ø18	2-Ø18	2-Ø18	2-Ø18	2-Ø18	2-Ø22	2-Ø22	4-Ø22	4-Ø22	4-Ø22	4-Ø27	6-Ø27	6-Ø27	6-Ø30
H≈	375	420	450	512	570	665	825	1000	1115	1310	1475	1630	/	/

Bevel Gear Unidirectional Steel Knife Gate Valve

Flange Standard

DIN2632,EN1092,ANSI B16.5

Materials of Main Parts



No.	Name	Material
1	Body	WCB/CF8/CF8M
2	Seat	EPDM/NBR/PTFE/VITON/Metal
3	Disc	201/304/316/duplex steel
4	Packing	PTFE/Kelvar
5	Gland	WCB/CF8/CF8M
6	Bolt	A193 B7/B8/B8M
7	Nut	A194 2H/8/8M
8	Stem	2Cr13/304/316
9	Yoke	Q235
10	Support Plate	C.S
11	Bolt	A193 B7/B8/B8M
12	Bolt	A193 B7/B8/B8M
13	Nut	A194 2H/8/8M
14	Bearing	Bearing Steel
15	Hand-wheel	HT250
16	Hood	Steel
17	Hood Cove	PVC

Main Dimensions

DN mm	50	65	80	100	125	150	200	250	300	350	400	450	500	600
L	43	46	46	52	56	56	62	68	78	78	102	114	127	154
ØO	155	178	195	225	246	280	340	400	442	505	560	615	670	780
ØD	125	145	160	180	210	240	295	340	400	460	515	565	620	725
ØS	92	102	127	148	178	202	258	308	360	416	466	520	572	652
M-1	2-M16	2-M16	2-M16	2-M16	2-M16	2-M20	2-M20	4-M20	4-M20	6-M20	6-M24	8-M24	8-M24	8-M27
n-Ø	2-Ø18	2-Ø18	2-Ø18	2-Ø18	2-Ø18	2-Ø22	2-Ø22	4-Ø22	4-Ø22	4-Ø22	4-Ø27	6-Ø27	6-Ø27	6-Ø30
B	150	150	150	150	150	150	150	150	150	170	170	170	233	233
G	250	250	250	250	250	250	250	310	310	310	310	310	460	460

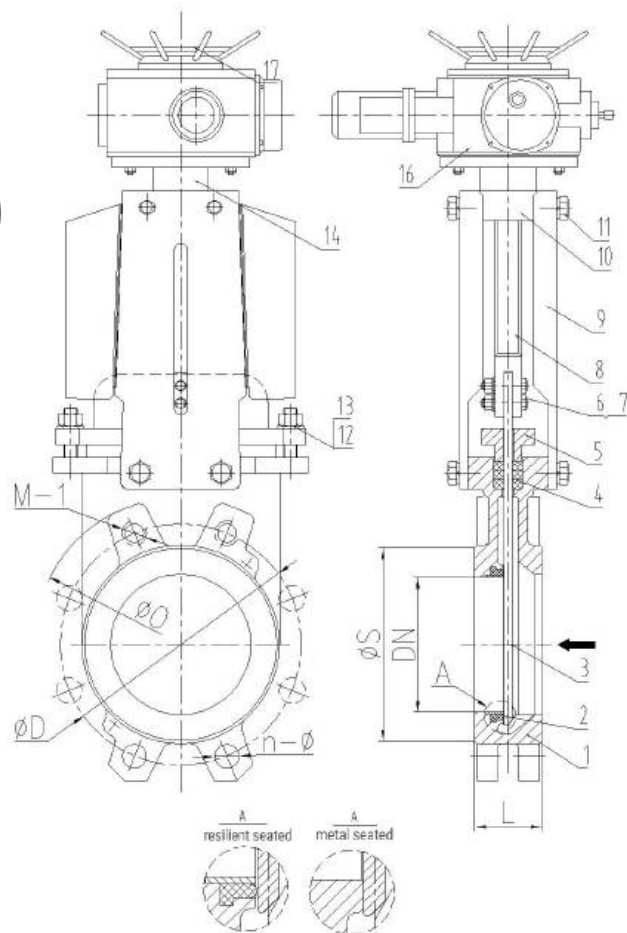
Electric Bidirectional Iron Knife Gate Valve

Flange Standard

DIN2632, EN1092, ANSI B16.5

Materials of Main Parts

No.	Name	Material
1	Body	WCB/CF8/CF8M
2	Seat	EPDM/NBR/PTFE/VITON/Metal
3	Disc	201/304/316/duplex steel
4	Packing	PTFE/Kelvar
5	Gland	WCB/CF8/CF8M
6	Bolt	A193 B7/B8/B8M
7	Nut	A194 2H/8/8M
8	Stem	2Cr13/304/316
9	Yoke	Q235
10	Bolt	A193 B7/B8/B8M
11	Bolt	A193 B7/B8/B8M
12	Nut	A194 2H/8/8M
13	Support	C.S
14	Top Flange	Q235
15	Bolt	A193 B7
16	Nut	A194 2H
17	Actuator	



Main Dimensions

DN mm	50	65	80	100	125	150	200	250	300	350	400	450	500	600
L	43	46	46	52	56	56	62	68	78	78	102	114	127	154
ØO	155	178	195	225	246	280	340	400	442	505	560	615	670	780
ØD	125	145	160	180	210	240	295	340	400	460	515	565	620	725
ØS	92	102	127	148	178	202	258	308	360	416	466	520	572	652
M-1	2-M16	2-M16	2-M16	2-M16	2-M16	2-M20	2-M20	4-M20	4-M20	6-M20	6-M24	8-M24	8-M24	8-M27
n-Ø	2-Ø18	2-Ø18	2-Ø18	2-Ø18	2-Ø18	2-Ø22	2-Ø22	4-Ø22	4-Ø22	4-Ø22	4-Ø27	6-Ø27	6-Ø27	6-Ø30
Torque	20	37.5	45	60	75	90	105	120	135	157.5	180	240	270	315

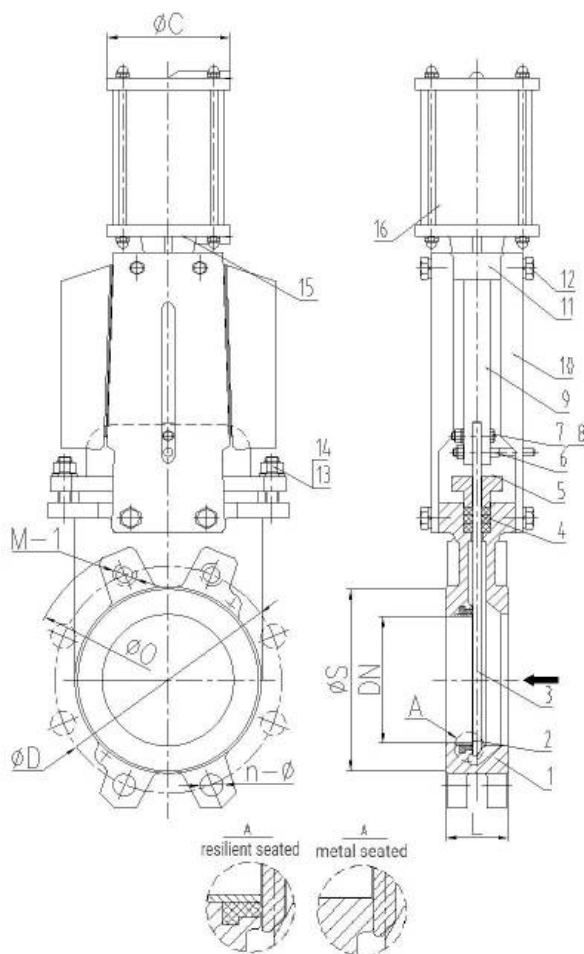
Pneumatic Unidirectional Steel Knife Gate Valve

Flange Standard

DIN2632, EN1092, ANSI B16.5

Materials of Main Parts

No.	Name	Material
1	Body	WCB/CF8/CF8M
2	Seat	EPDM/NBR/PTFE/VITON/Metal
3	Disc	201/304/316/duplex steel
4	Packing	PTFE/Kelvar
5	Gland	WCB/CF8/CF8M
6	On-off indicator	2Cr13
7	Bolt	A193 B7/B8/B8M
8	Nut	A194 2H/8/8M
9	Piston Rod	1045+Cr/304
10	Yoke	Q235
11	Support	C.S
12	Bolt	A193 B7/B8/B8M
13	Bolt	A193 B7/B8/B8M
14	Nut	A194 2H/8/8M
15	Top Flange	C.S
16	Cylinder	Aluminum



Main Dimensions

DN mm	50	65	80	100	125	150	200	250	300	350	400	450	500	600
L	43	46	46	52	56	56	62	68	78	78	102	114	127	154
$\varnothing O$	155	178	195	225	246	280	340	400	442	505	560	615	670	780
$\varnothing D$	125	145	160	180	210	240	295	340	400	460	515	565	620	725
$\varnothing S$	92	102	127	148	178	202	258	308	360	416	466	520	572	652
M-1	2-M16	2-M16	2-M16	2-M16	2-M16	2-M20	2-M20	4-M20	4-M20	6-M20	6-M24	8-M24	8-M24	8-M27
$n-\varnothing$	2- $\varnothing 18$	2- $\varnothing 18$	2- $\varnothing 18$	2- $\varnothing 18$	2- $\varnothing 18$	2- $\varnothing 22$	2- $\varnothing 22$	4- $\varnothing 22$	4- $\varnothing 22$	4- $\varnothing 22$	4- $\varnothing 27$	6- $\varnothing 27$	6- $\varnothing 27$	6- $\varnothing 30$
$\varnothing C$	80	80	100	100	125	125	160	160	200	200	250	250	250	250
Stroke	65	80	95	120	140	168	220	270	320	370	420	470	520	620

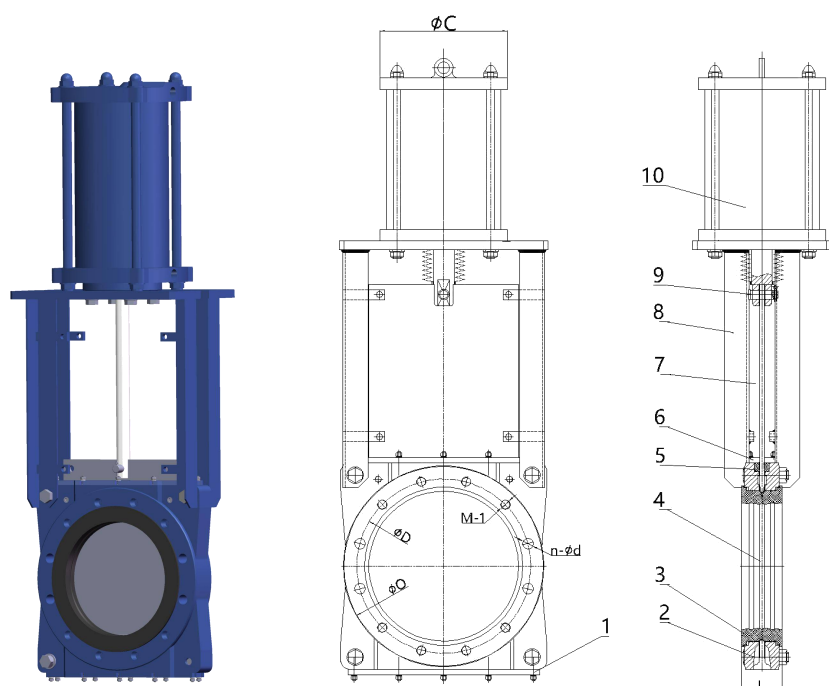
Pneumatic Rubber Lined Knife Gate Valve

Flange Standard

DIN2632, EN1092, ANSI B16.5

Materials of Main Parts

No.	Name	Material
1	Bottom Plate	Q235A/304/316
2	Body	Q235A/304/316
3	Seat	EPDM/NBR/Natural Rubber
4	Disc	201/304/316/f55/f53
5	Packing	PTFE/EPDM
6	Gland	Q235A/304/316
7	Piston Rod	1045/304
8	Yoke	Q235
9	Pin	1045/304
10	Top Flange	C.S
11	Stud	A193 B7/B8/B8M
12	Nut	A1942H/8/8M
13	Cylinder	Aluminum



Main Dimensions

DN mm	50	65	80	100	125	150	200	250	300	350	400	450	500	600
L	43	46	46	52	56	56	62	68	78	78	102	114	127	154
ØO	155	178	195	225	246	280	340	400	442	505	560	615	670	780
ØD	125	145	160	180	210	240	295	340	400	460	515	565	620	725
ØS	92	102	127	148	178	202	258	308	360	416	466	520	572	652
M-1	2-M16	2-M16	2-M16	2-M16	2-M16	2-M20	2-M20	4-M20	4-M20	6-M20	6-M24	8-M24	8-M24	8-M27
n-Ø	2-Ø18	2-Ø18	2-Ø18	2-Ø18	2-Ø18	2-Ø22	2-Ø22	4-Ø22	4-Ø22	4-Ø22	4-Ø27	6-Ø27	6-Ø27	6-Ø30
ØC	80	80	100	100	125	125	160	160	200	200	250	250	250	250
Stroke	65	80	95	120	140	168	220	270	320	370	420	470	520	620

Bevel Gear Rubber Lined Knife Gate Valve

Flange Standard

DIN2632, EN1092, ANSI B16.5

Materials of Main Parts

No.	Name	Material
1	Bottom Plate	Q235A/304/316
2	Body	Q235A/304/316
3	Seat	EPDM/NBR/Natural Rubber
4	Disc	201/304/316/f55/f53
5	Packing	PTFE/EPDM
6	Gland	Q235A/304/316
7	Piston Rod	1045/304
8	Yoke	Q235
9	Pin	1045/304
10	Top Flange	C.S
11	Stud	A193 B7/B8/B8M
12	Nut	A1942H/8/8M
13	Bevel Gear	
14	Hood	Steel

Main Dimensions

DN mm	50	65	80	100	125	150	200	250	300	350	400	450	500	600
L	43	46	46	52	56	56	62	68	78	78	102	114	127	154
ØO	155	178	195	225	246	280	340	400	442	505	560	615	670	780
ØD	125	145	160	180	210	240	295	340	400	460	515	565	620	725
M-1	2-M16	2-M16	2-M16	2-M16	2-M16	2-M20	2-M20	4-M20	4-M20	6-M20	6-M24	8-M24	8-M24	8-M27
n-Ø	2-Ø18	2-Ø18	2-Ø18	2-Ø18	2-Ø18	2-Ø22	2-Ø22	4-Ø22	4-Ø22	4-Ø22	4-Ø27	6-Ø27	6-Ø27	6-Ø30
B	150	150	150	150	150	150	150	150	150	170	170	170	233	233
G	250	250	250	250	250	250	250	310	310	310	310	310	460	460