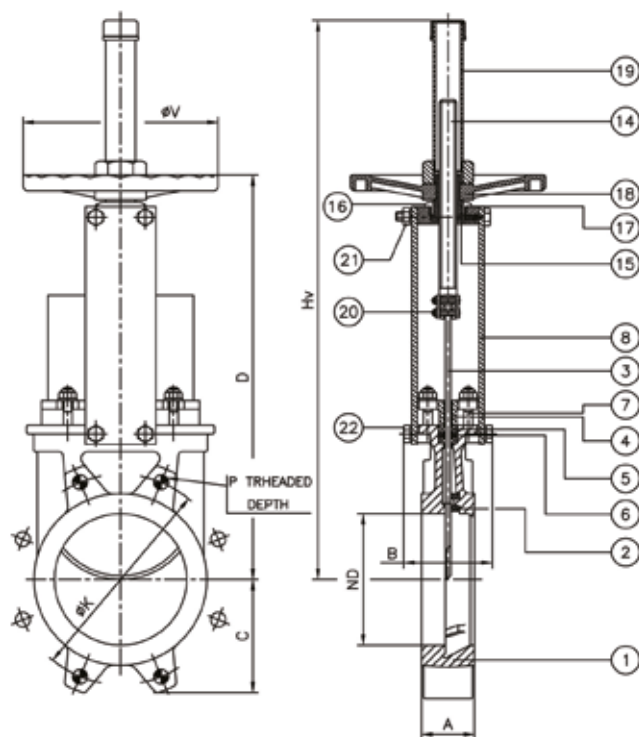
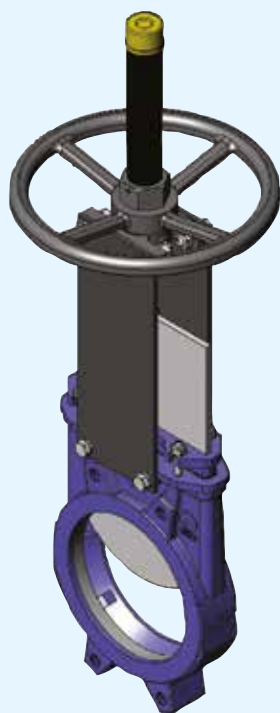


Knife Gate Valve (Manual Hand Wheel)

A1V2H2



A1V2H2*:

Cast Iron - Wafer pattern uni-directional knife gate valve - Hand wheel operated. Designed for a wide range of applications including road vehicle tankers, paper and pulp, effluent handling plants, chemical plants and bulk conveying.

Dimensions (mm)								
	Size	A	B	C	D	ØV	Hv	Working Pressure (Bar)
*50	2"	40	92	63	289	185	409	10
*65	2 1/2"	40	92	70	316	185	436	10
*80	3"	50	92	92	342	185	462	10
*100	4"	50	92	105	382	185	502	10
*125	5"	50	102	120	415	225	585	10
*150	6"	60	102	130	458	225	637	8
*200	8"	60	119	160	575	325	815	7
*250	10"	70	119	198	676	325	1016	5
*300	12"	70	119	234	776	380	1116	5
*350	14"	96	290	256	906	460	1336	4
*400	16"	100	290	292	1012	460	1442	4
*450	18"	106	290	308	1098	460	1628	3
*500	20"	110	290	340	1210	460	1740	3
*600	24"	110	290	400	1416	460	2046	3
*700	28"	110	320	452	1611	620	2461	2
*800	32"	110	320	505	1870	620	2820	2
*900	36"	110	320	555	2103	620	3153	-
*1000	40"	110	320	610	2293	620	3443	-
*1200	48"	150	400	725	-	-	-	-

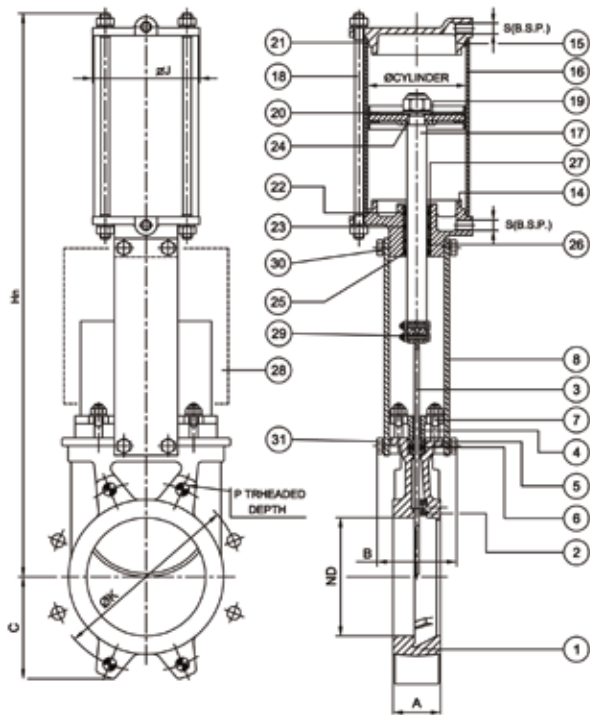


Available
Lever Operated

No	Part Name	Material
1	Body	GG25
2	Guide	RCH-1000
3	Knife	304
4	Packing Gland	Aluminium
5	Packing	SYNTET.+P.T.F.E.
6	O-Ring	EPDM
7	Stud	STEEL + ZINC
8	Support	STEEL
9	Sockety	316
10	Joint	EPDM
11	Reinforced Socket	CF8M
12	Deflection Cone	CA15
13	Joint	BELPA DW
14	Spindle	303
15	Stem Nut	Bronze
16	Nut	ST 44.2+ZINC
17	Yoke	Steel
18	Handwheel	Nodular Iron
19	Hood	Steel
20	Bolts/Nuts/Washers	304
21	Bolts/Nuts/Washers	Steel
22	Bolts/Washers	Steel

Knife Gate Valve (Air Actuated – Double Acting)

A1N2H2



A1N2H2*:

Cast Iron - Wafer pattern uni-directional knife gate valve - pneumatically operated. Designed for a wide range of applications including road vehicle tankers, paper and pulp, effluent handling plants, chemical plants and bulk conveying.

Dimensions (mm)

	Size	A	B	C	Ø Cylinder	S B.S.P.	Ø J	Hn	Working Pressure (Bar)
*50	2"	40	92	63	80	1/4"	96	400	10
*65	2 1/2"	40	92	70	80	1/4"	96	442	10
*80	3"	50	92	92	80	1/4"	96	483	10
*100	4"	50	92	105	100	1/4"	115	546	10
*125	5"	50	102	120	125	1/4"	138	630	10
*150	6"	60	102	130	125	1/4"	138	692	8
*200	8"	60	119	160	160	1/4"	175	869	7
*250	10"	70	119	198	200	3/8"	218	1032	5
*300	12"	70	119	234	200	3/8"	218	1182	5
*350	14"	96	290	256	250	3/8"	270	1379	4
*400	16"	100	290	292	250	3/8"	270	1535	4
*450	18"	106	290	308	300	1/2"	382	1677	3
*500	20"	110	290	340	300	1/2"	382	1839	3
*600	24"	110	290	400	300	1/2"	382	2145	3
*700	28"	110	320	452	350	1/2"	426	2488	2
*800	32"	110	320	505	350	1/2"	426	2798	2
*900	36"	110	320	555	400	1/2"	538	3162	-
*1000	40"	110	320	610	400	1/2"	538	3452	-
*1200	48"	150	400	725	400	1/2"	538	4048	-

Single Acting option also available

No	Part Name	Material
1	Body	GG25
2	Guide	RCH-1000
3	Knife	304
4	Packing Gland	Aluminium
5	Packing	SYNTET.+P.T.F.E.
6	O-Ring	EPDM
7	Stud	Steel + Zinc
8	Support	Steel
9	Socket	316
10	Joint	EPDM
11	Reinforced Socket	CF8M
12	Deflection Cone	CA15
13	Joint	BELPA DW
14	Cylinder Head	GG45
15	Cylinder Cap	GG45
16	Jacket	Aluminium
17	Piston Rod	304
18	Tie Rod	Steel + Zinc
19	Washer	Steel
20	Piston	Steel + Nitrile
21, 22, 23, 24	O-Ring	Nitrile
25	Scraper	Steel + Nitrile
26	Guide Sleeve	Nylon
27	Elastic Ring	Steel
28	Protect. (Optional)	Steel
29	Bolts/Nuts/Washers	304
30	Bolts/Nuts/Washers	Steel
31	Bolts/Washers	Steel

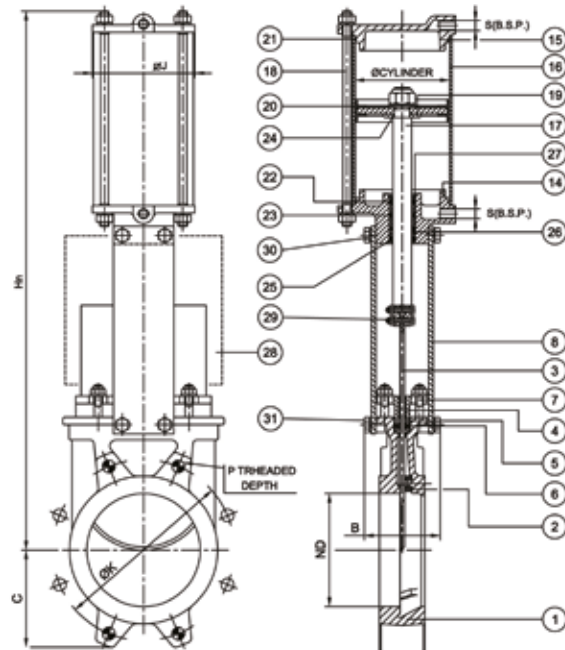
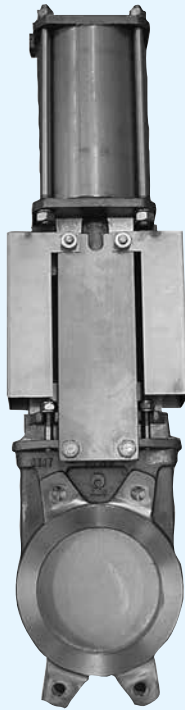
Stainless Steel Knife Gate Valve (Air Actuated – Double Acting)

A1N2I2, A1N2I3, A1N2I4,

EPDM SEAL

VITON SEAL

PTFE SEAL



A1N2I2* - CF8M Body / EPDM Seal,
A1N2I3* - CF8M Body / Viton Seal,
A1N2I4* - CF8M Body / PTFE Seal:

Wafer pattern uni-directional knife gate valve -
Pneumatically operated. Designed for a wide range of
applications including road vehicle tankers, paper and
pulp, effluent handling plants, chemical plants and bulk
conveying.

Dimensions (mm)

	Size	A	B	C	Ø Cylinder	S B.S.P.	Ø J	Hn	Working Pressure (Bar)
*50	2"	40	92	63	80	1/4"	96	400	10
*65	2 1/2"	40	92	70	80	1/4"	96	442	10
*80	3"	50	92	92	80	1/4"	96	483	10
*100	4"	50	92	105	100	1/4"	115	546	10
*125	5"	50	102	120	125	1/4"	138	630	10
*150	6"	60	102	130	125	1/4"	138	692	8
*200	8"	60	119	160	160	1/4"	175	869	7
*250	10"	70	119	198	200	3/8"	218	1032	5
*300	12"	70	119	234	200	3/8"	218	1182	5
*350	14"	96	290	256	250	3/8"	270	1379	4
*400	16"	100	290	292	250	3/8"	270	1535	4
*450	18"	106	290	308	300	1/2"	382	1677	3
*500	20"	110	290	340	300	1/2"	382	1839	3
*600	24"	110	290	400	300	1/2"	382	2145	3
*700	28"	110	320	452	350	1/2"	426	2488	2
*800	32"	110	320	505	350	1/2"	426	2798	2
*900	36"	110	320	555	400	1/2"	538	3162	-
*1000	40"	110	320	610	400	1/2"	538	3452	-
*1200	48"	150	400	725	400	1/2"	538	4048	-

Single Acting option also available

No	Part Name	Material
1	Body	CF8M
2	Guide	RCH-1000
3	Knife	AISI 316
4	Packing Gland	CF8M
5	Packing	SYNTET.+P.T.F.E.
6	O-Ring	EPDM
7	Stud	Steel + Zinc
8	Support	Steel
9	Sockety	316
10	Joint	EPDM
11	Reinforced Socket	CF8M
12	Deflection Cone	CA15
13	Joint	BELPA DW
14	Cylinder Head	GG45
15	Cylinder Cap	GG45
16	Jacket	Aluminium
17	Piston Rod	304
18	Tie Rod	Steel + Zinc
19	Washer	Steel
20	Piston	Steel + Nitrile
21, 22, 23, 24	O-Ring	Nitrile
25	Scraper	Steel + Nitrile
26	Guide Sleeve	Nylon
27	Elastic Ring	Steel
28	Protect. (Optional)	Steel
29	Bolts/Nuts/ Washers	304
30	Bolts/Nuts/ Washers	Steel
31	Bolts/Washers	Steel