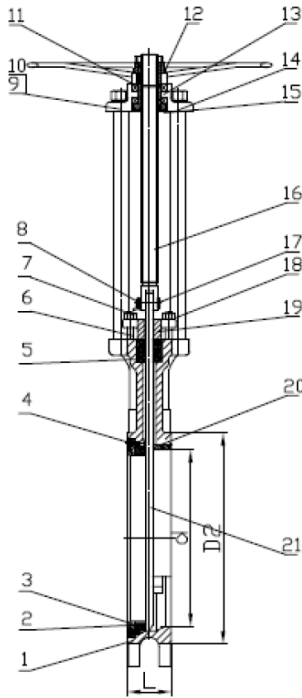


**FIG. KNGV150L-SS:**

**CLASS 150 BI-DIRECTIONAL KNIFE GATE VALVE LUG STYLE SS BODY**



**Features:**

- Flange dimensions: ANSI B16.5
- Butt-weld dimensions: ANSI B16.25
- Face-to-Face dimensions: MSS SP-81-2001
- Seal tightness test: MSS SP-81 2001
- Temp and Pressure based on: ASME B16.34

**Materials List:**

No.	Part Name	Specification
1	Body	A351 CF8M
2	Seat	Viton
3	Retainer	SS316
4	Hex Bolt	B8M
5	Packing	PTFE
6	Stud/nut	B8
7	Hex Nut	B8
8	Pin	SS34
9	Thrust Washer	SS304
10	Hex Nut	B8
11	Key	C.S
12	Round Nut	C.S
13	Bearing	C.S
14	Bearing Support	C.S
15	Stem Nut	ZCu38Mn2Pb2
16	Stem	SS 13% Cr
17	Pillar Pin	SS304
18	Stanchlon	C.S. + Cr Plated
19	Packing Gland	A351 CF8M
20	Retainer	SS316
21	Knife	SS316+Cr
22	Hand wheel	Cast Iron

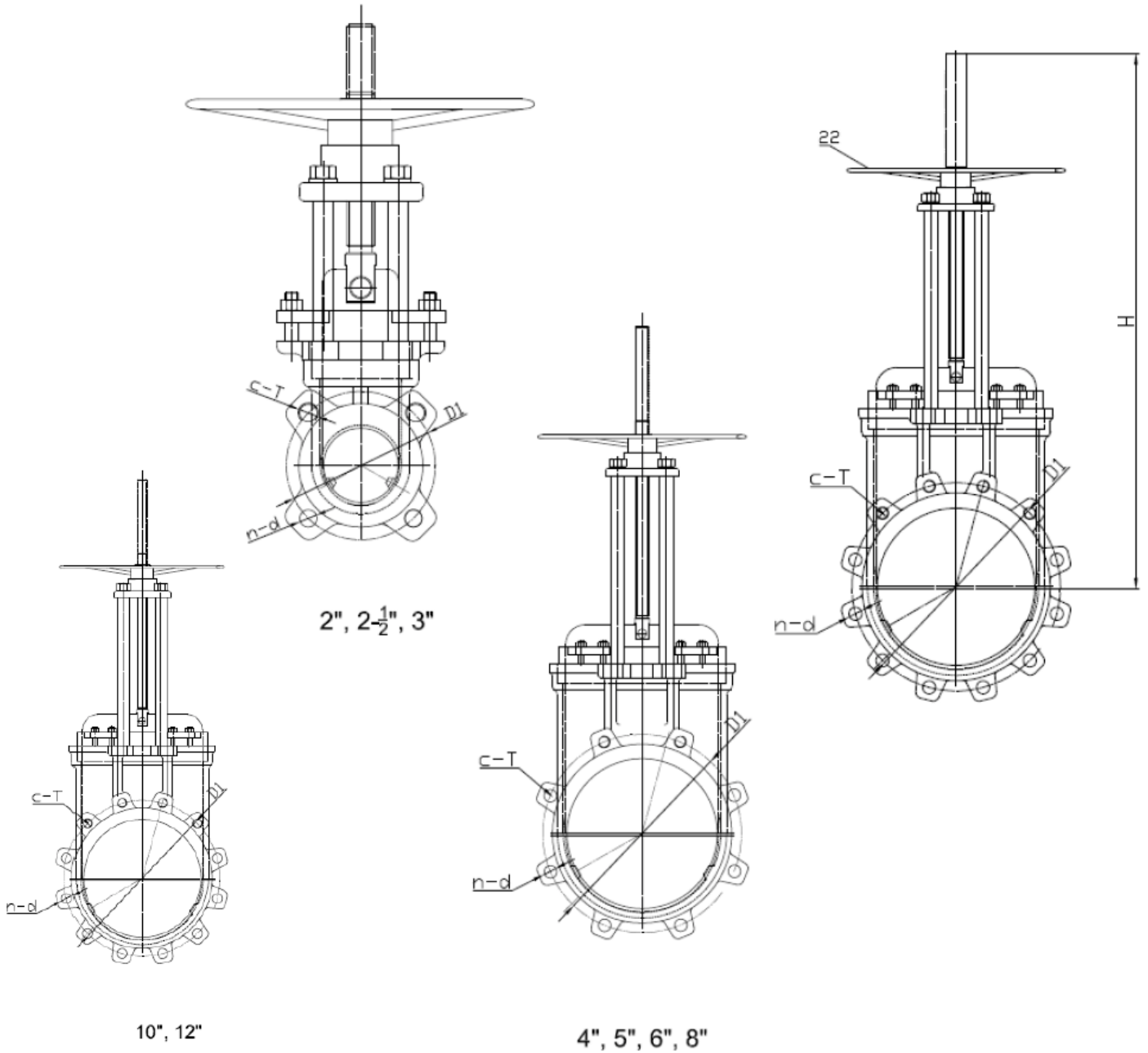
**Note:**

Standard is Plug style disc with threaded seat ring.  
 \* Supplied only on special order.

Performance Specification	
Class	150LB (2.0MPa)
Shell Testing	3.0MPa
Seal Testing	(0.28MPa)
Application:	Pulp, Fiber and solid particles and etc.
Temp Range:	-29°C ~+ 180°C

FIG. KNGV150L-SS:

CLASS 150 BI-DIRECTIONAL KNIFE GATE VALVE LUG STYLE SS BODY



Dimensions:

Size		D1		D2		d		H		L		n-Ød	c-T
in	mm	in	mm	in	mm	in	mm	in	mm	in	mm		
2	50	4.75	120.70	3.62	92	1.97	50	14.37	365	1.89	48	2-Ø19	2-5/8"
2½	65	5.50	139.70	4.13	105	2.56	65	15.75	400	1.89	48	2-Ø19	2-5/8"
3	80	6.00	152.40	5.20	132	3.54	90	16.54	420	2.01	51	2-Ø19	2-5/8"
4	100	7.50	190.50	6.22	158	4.33	110	20.47	520	2.01	51	6-Ø19	2-5/8"
5	150	8.50	216.00	7.32	186	5.12	130	22.83	580	2.24	57	6-Ø22	2-3/4"
6	150	9.50	241.30	8.50	216	6.22	158	26.38	670	2.24	57	6-Ø22	2-3/4"
8	200	11.75	298.50	10.63	270	8.27	210	32.48	825	2.76	70	6-Ø22	2-3/4"
10	250	14.25	362.00	12.76	324	10.24	260	39.37	1000	2.76	70	8-Ø25	4-7/8"
12	300	17.00	431.80	14.96	380	12.20	310	45.28	1150	2.99	76	8-Ø25	4-7/8"