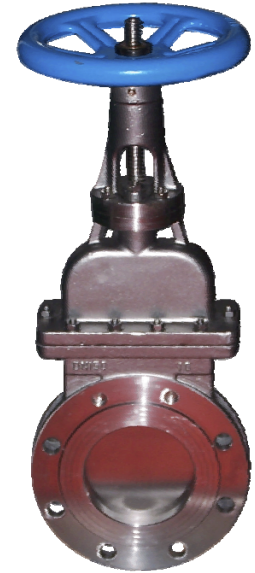


**CARBON STEEL OR STAINLESS STEEL
KNIFE GATE VALVE BOLTED BONNET DESIGN**



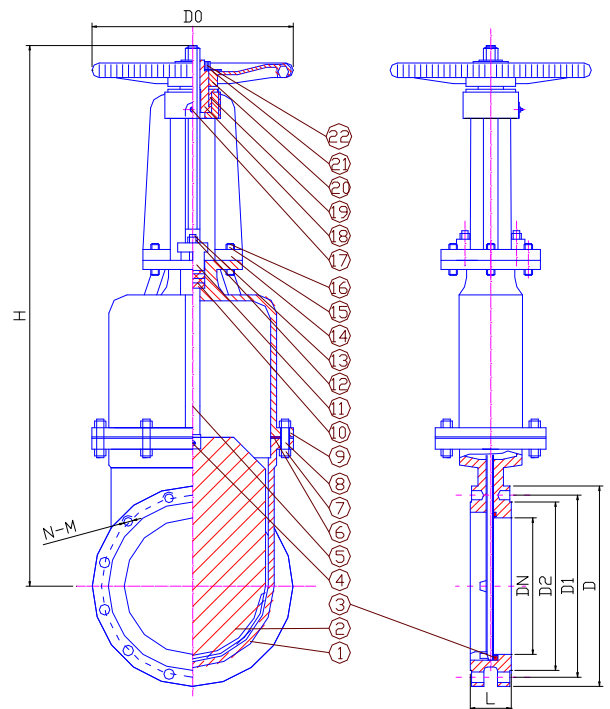
DESIGN DESCRIPTION:

- Design: MSS SP-81;
- Manufacture: Factory STD;
- Face To Face: ANSI B16.10;
- Flange: ANSI B16.47 SEARIES(API605);
- One-Piece Casting; Bolted Bonnet; O,S&Y;
- Bolt Gland, Fully Guider;
- Soft Seal;
- Handwheel Operator, Avainlable With Gear Operator
- Material and Working Temp.:
 - ◆ Cast Steel: -20 ℃-400 ℃(-4°F -752°F)
 - ◆ PTFE: 180 ℃(356°F) Maximum
 - ◆ Stainless Steel Seal: 180 ℃(356°F) Maximum

PARTS AND MATERIAL:

NO.	PARTS NAME	MATERIALS
1	BODY	ASTM A216-WCB/A351-CF8/A351-CF8M
2	DISC	ASTM A351-CF8/A351-CF8M
3	SEAT	NBR/EPDM/PTFE/S.S/CARBIDE ALLOY
4	DISC HOLDER	STAINLESS STEEL
5	STEM	ASTEM SS410/SS304/SS316
6	GASKET	PTFE/GRAPHITE
7	BONNET BOLT	ASTM A193-B7
8	BONNET NUT	ASTM A194-2H
9	BONNET	ASTM A216-WCB/ A351-CF8/A351-CF8M
10	STEM PACKING	PTFE/GRAPHITE
11	GLAND	ASTM A216-WCB
12	GLAND BOLT	ASTM A193-B7
13	GLAND NUT	ASTM A194-2H
14	YOKE	ASTM A216-WCB/ A351-CF8/A351-CF8M
15	NUT	ASTM A194-2H
16	BOLT	ASTM A193-B7
17	LUBRICATOR	STAINLESS STEEL/BRASS
18	STEM NUT	BRASS
19	RETAINER NUT	STEEL
20	HANDWHEEL	CAST IRON
21	NAME PLATE	ALUMINIUM
22	H.W. LOCK NUT	DUCTILE IRON

OTHER MATERIALS ARE AVAILABLE UPON REQUEST.



DIMENSIONS LIST(UNIT:MM):

SIZE	DN	L	D	D1	D2	H	D0	N-M
2"	50	48	152	121	92	415	180	4-M16
2-1/2"	65	48	178	139.5	105	445	180	4-M16
3"	80	51	191	152	127	497	220	4-M16
4"	100	51	229	191	157	575	220	8-M16
5"	125	57	254	216	186	635	230	8-M20
6"	150	57	279	241	216	775	280	8-M20
8"	200	70	343	298	278	940	360	8-M20
10"	250	70	406	362	324	1030	360	12-M22
12"	300	76	483	432	381	1186	400	12-M22
14"	350	76	533	476	413	1365	400	16-M27
16"	400	89	597	540	470	1550	400	16-M27
18"	450	89	635	578	533	1650	530	20-M30
20"	500	114	699	635	584	1860	530	20-M30
24"	600	114	813	750	692	2250	600	20-M33
30"	750	117	985	914	857	2800	600	28-M33
36"	900	117	1170	1086	1022	3650	8	32-M39

✧ We hereby reserve the rights of any alternative dimension that would help to improve our valve's quality and working efficiency.