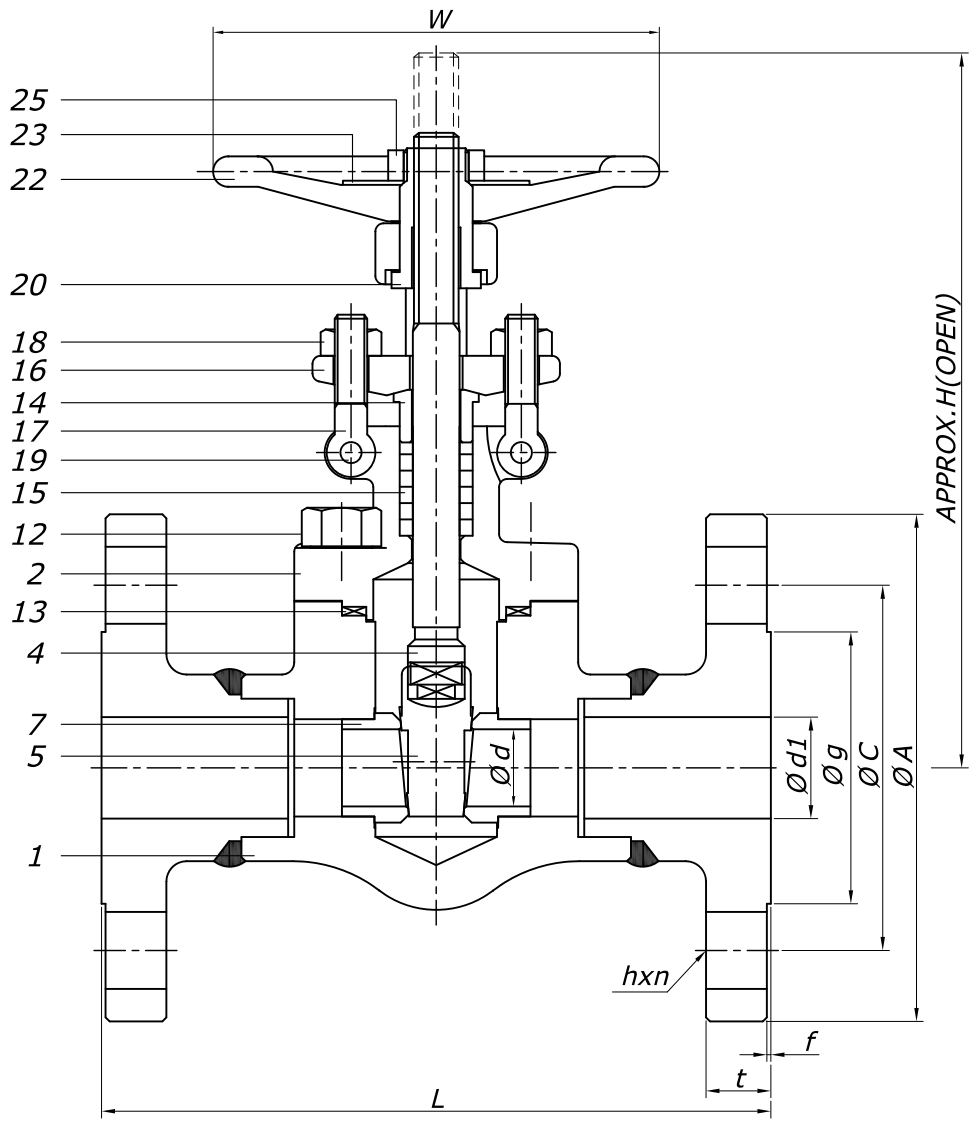

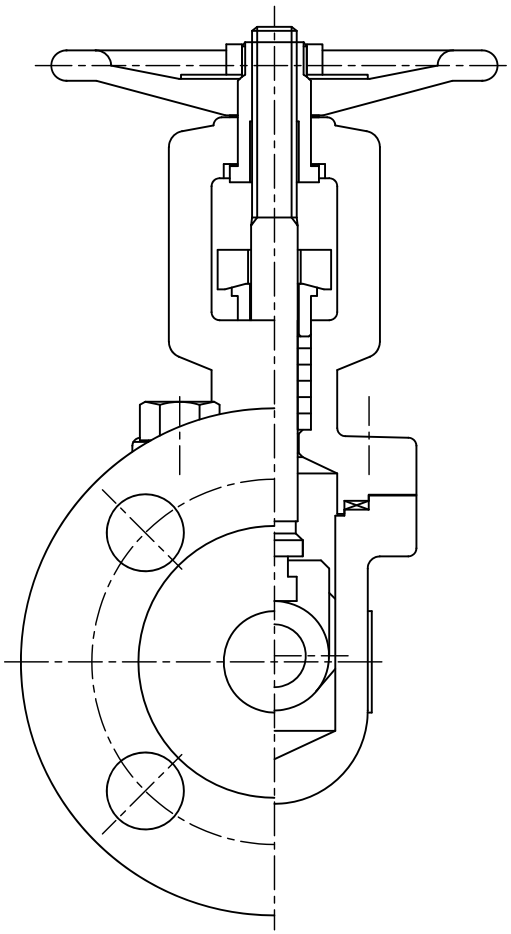

BILL OF MATERIALS

NO.	PART NAME	MATERIAL	Q'TY	REMARK
1	Body	A182-F316	1	-
2	Bonnet	A182-F316	1	-
4	Stem	A276-316	1	-
5	Disc	A351-CF8M	1	STELLITE
7	Seat Ring	A276-316	2	STELLITE
12	Bonnet Bolt	A193-B8	4	or EQ
13	Gasket	316SS+GRAPHITE	1	-
14	Gland	A276-304	1	-
15	Gland Packing	GRAPHITE	1Set	-
16	Gland Flange	A182-F304	1	-
17	Gland Bolt	A193-B8	2	or EQ
18	Gland Bolt Nut	A194-8	2	or EQ
19	Gland Bolt Pin	A276-304	2	-
20	Sleeve	A276/A479-410	1	-
22	Hand Wheel	A197	1	-
23	Name Plate	ALUMINUM	1	-
25	Hand Wheel Nut	SS400+Zn PLATE	1	-

NOTE

1. VALVE DESIGN: API 602
2. END CONNECTION: ASME B16.10,ASME B16.5
3. HYDROSTATIC TEST(API 598)
   Shell:75 Bar
   Pneumatic Seat Test: 6 Bar

DIMENSIONS (UNIT: mm)

SIZE		L ±1.5	H	W	ØA	ØC	hxn	Øg	f	t	Ød	Ød1		WEIGHT(kg)	Q'TY
1/2"	15A	140	133	90	95	66.7	16x4	34.9	1.6	14.2	10	15.7		3.0	
3/4"	20A	152	149	90	117	82.5	19x4	42.9	1.6	15.7	13	20.8		4.6	
1"	25A	165	178	105	124	88.9	19x4	50.8	1.6	17.5	19	26.7		6.0	
1 1/4"	32A	178	210	125	133	98.4	19x4	63.5	1.6	19.1	25	35.1		8.9	
1 1/2"	40A	190	222	125	156	114.3	22x4	73.0	1.6	20.6	30	40.9		11.8	
2"	50A	216	257	150	165	127.0	19x8	92.1	1.6	22.4	37	52.6		16.0	

PAINTING OR COATING
- ☐ PHOSPHATIZED
- ■ NONE
- ☐ OTHER

NO.	DATE	DESCRIPTION	DRA.	CHK.	APP.

TITLE	CLASS 300 , A182-F316/316 GATE VALVE , B.B, OS&Y,RF			
APP.	CHK.	DRA.	SCALE	NON
S.J.BANG	J.Y.JANG	W.G.LEE	DATE	2025.07.01
			DWG NO.	DEV-GA300-F316-RF

동은밸브(주)
DONG EUN VALVE CO.,LTD.
(구)DKML DONG KANG METAL CO.,LTD.