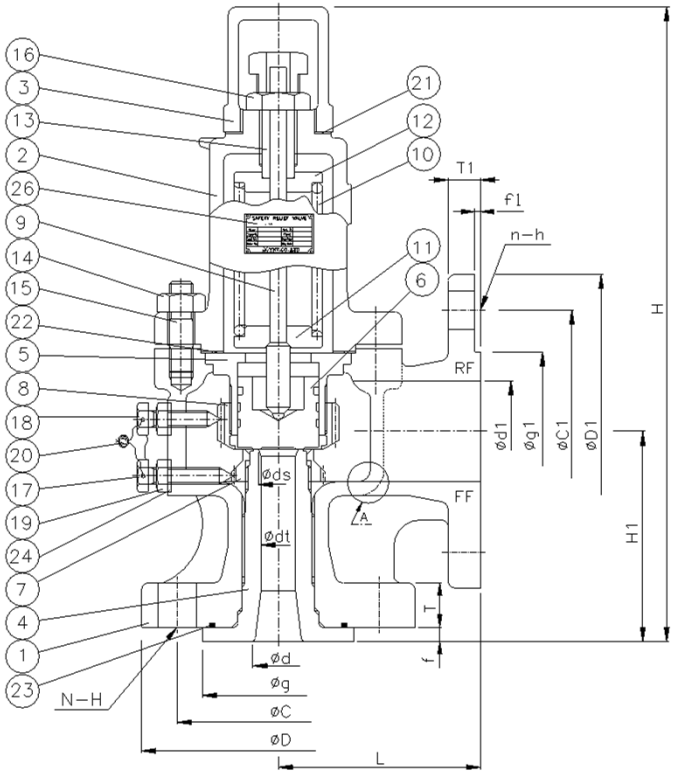
NO	REVISION	DATE	CHK	APP
1				
2				
3				



* CAP MATERIAL

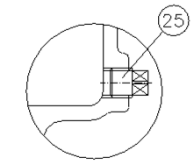
BODY MAT'L	CAP MAT'L	
	25A-80A	100A-200A
SC 480	FCD 450	SS 400
SCS 13	SCS 13	SUS 304
SCS 14	SCS 14	SUS 316

* STUD BOLT / NUT

VALVE SIZE	Q'TY
25A	4
32A - 80A	6
100A - 200A	8

* SPRING MATERIAL

MAT'L	REMARK
SUS 304	
SUS 316	
INCONEL	



DETAIL A:DRAIN PLUG

SPECIFICATION

1. APPLICABLE FLUIDS	:	GAS	
2. SERVICE SYSTEM	:	-	
3. DESIGN TEMPERATURE	:	0~220	℃
4. DESIGN PRESSURE	:	1.0	MPag
5. HYDRO. TEST PRESSURE	:	DESIGN PRESSURE X 1.5	

* DIMENSION

Unit : mm

SIZE d x d1	Ødt	Øds	L	H1	H	INLET FLANGE JIS B 2220 10K RF ØD	Øg	ØC	T	f	N-H	OUTLET FLANGE JIS B 2220 10K FF ØD1	Øg1	ØC1	T1	f1	n-h	W.T (Kg)	Q'ty (EA)
25A x 40A	19.0	22.0	100.0	104.0	320.0	125.0	67.0	90.0	14.0	7.0	4-19	140.0	-	105.0	16.0	-	4-19	10.5	
25A x 50A	19.0	22.0	100.0	104.0	320.0	125.0	67.0	90.0	14.0	7.0	4-19	155.0	-	120.0	16.0	-	4-19	10.8	
32A x 65A	30.0	35.0	115.0	123.0	386.0	135.0	76.0	100.0	16.0	8.0	4-19	175.0	-	140.0	18.0	-	4-19	18.0	
40A x 50A	30.0	35.0	115.0	123.0	386.0	140.0	81.0	105.0	16.0	8.0	4-19	155.0	-	120.0	16.0	-	4-19	18.0	
40A x 65A	30.0	35.0	115.0	123.0	386.0	140.0	81.0	105.0	16.0	8.0	4-19	175.0	-	140.0	18.0	-	4-19	18.2	
40A x 80A	30.0	35.0	128.0	130.0	400.0	140.0	81.0	105.0	16.0	8.0	4-19	185.0	-	150.0	18.0	-	8-19	19.9	
50A x 80A	38.0	44.0	128.0	130.0	444.0	155.0	96.0	120.0	16.0	9.0	4-19	185.0	-	150.0	18.0	-	8-19	24.3	
65A x 100A	49.0	57.0	145.0	145.0	511.0	175.0	116.0	140.0	18.0	10.0	4-19	210.0	-	175.0	18.0	-	8-19	35.2	
80A x 100A	49.0	57.0	145.0	145.0	511.0	185.0	126.0	150.0	18.0	10.0	8-19	210.0	-	175.0	18.0	-	8-19	35.6	
80A x 125A	61.0	71.0	162.0	168.0	567.0	185.0	126.0	150.0	18.0	12.0	8-19	250.0	-	210.0	20.0	-	8-23	50.0	
100A x 150A	76.0	88.0	190.0	197.0	710.0	210.0	151.0	175.0	18.0	12.0	8-19	280.0	-	240.0	22.0	-	8-23	80.0	
125A x 200A	95.0	114.0	220.0	222.0	870.0	250.0	182.0	210.0	20.0	15.0	8-23	330.0	-	290.0	22.0	-	12-23	123.9	
150A x 200A	115.0	133.0	225.0	230.0	933.0	280.0	212.0	240.0	22.0	15.0	8-23	330.0	-	290.0	22.0	-	12-23	147.9	
200A x 250A	150.0	175.0	270.0	270.0	1065.0	330.0	262.0	290.0	22.0	15.0	12-23	400.0	-	355.0	24.0	-	12-25	264.9	

NO	PART NAME	MATERIAL	Q'TY	REMARK
26	NAME PLATE	SUS 304	1	
25	DRAIN PLUG	SUS F304	1	
24	SET SCREW GASKET	PTFE	2	
23	SEAT GASKET	PTFE	1	
22	BODY GASKET	PTFE	1	
21	CAP GASKET	PTFE	1	
20	SEAL	Pb	2	
19	LOCK NUT	SUS 304	2	
18	SET SCREW(UP)	SUS 304	1	
17	SET SCREW(LOW)	SUS 304	1	
16	LOCK NUT	SUS 304	1	
15	STUD BOLT	SUS 304	-	SEE TABLE
14	NUT	SUS 304	-	SEE TABLE
13	ADJUST SCREW	SUS 304	1	
12	SPRING SEAT(UP)	SUS 304	1	
11	SPRING SEAT(LOW)	SUS 304	1	
10	SPRING	SEE TABLE	1	
9	VALVE STEM	SUS 304	1	
8	ADJUST RING(UP)	SCS 14	1	
7	ADJUST RING(LOW)	SCS 14	1	
6	DISC	SUS 304	1	STELLITED
5	DISC GUIDE	SCS 13	1	
4	SEAT	SUS 304	1	STELLITED
3	CAP	SEE TABLE	1	
2	BONNET	SCS 13	1	
1	BODY	SCS 13	1	

TITLE	SAFETY & RELIEF VALVE	MODEL NO.	GSV-2F(N)

DES	CHE	APP	DATE	2020-02-24	DRAWING NO	REV
J.M.JEONG	Y.S.SEO	S.M.JANG	SCALE	N / S	YNV 1 3 7 1 0 0 - J B 0 1	

YNV CO.,LTD

UNIT (INCH MM)