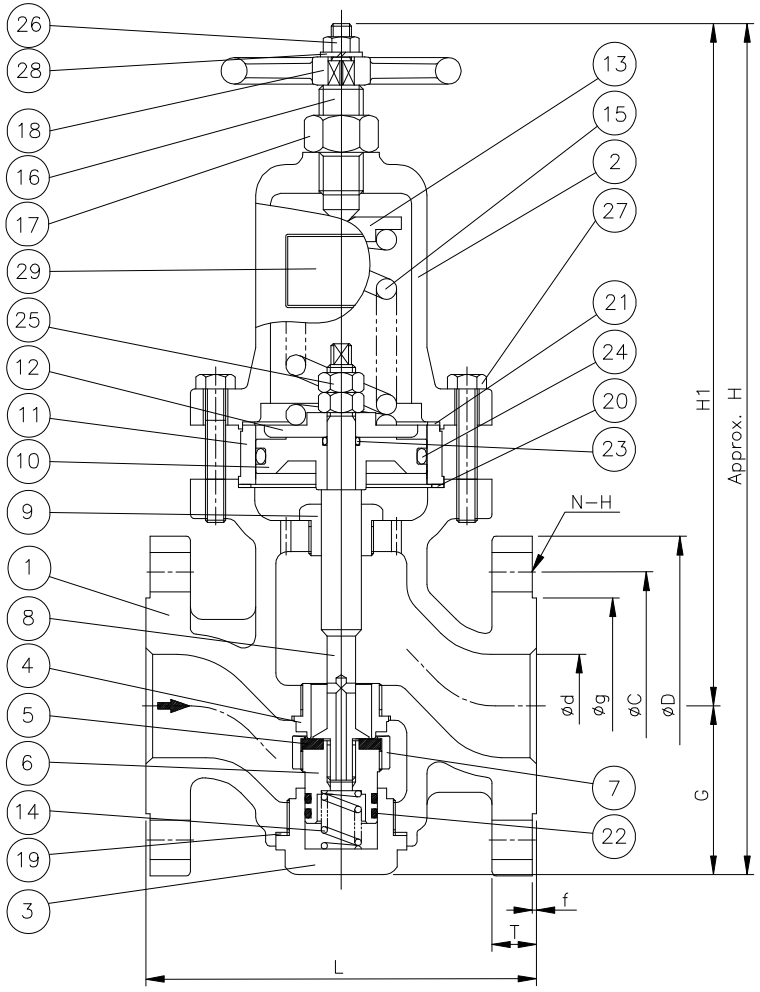
NO	REVISION	DATE	CHK	APP
1				
2				
3				



SPECIFICATION

1. APPLICABLE FLUIDS	:	Air, Water, Noncorrosive Liquid		
2. SERVICE SYSTEM	:	-		
3. DESIGN TEMPERATURE	:	150	℃	
4. DESIGN PRESSURE	:	40.0	kgf/㎠	
5. SETTING PRESSURE RANGE	:	0.5 to 1.0		kgf/㎠
		1.0 to 4.0		kgf/㎠
		4.0 to 8.0		kgf/㎠
		8.0 to 14.0		kgf/㎠
		14.0 to 20.0		kgf/㎠
6. HYDRO. TEST PRESSURE	:	DESIGN PRESSURE X 1.5		

NO	PART NAME	MATERIAL	Q'TY	REMARK
29	NAME PALTE	C 2100	1	
28	SPRING WASHER	SUS 304	1	
27	BOLT	SUS 304	-	SEE TABLE
26	NUT(HANDLE)	SUS 304	1	
25	NUT(STEM)	SUS 304	2	
24	O-RING	SEE TABLE	1	
23	O-RING	SEE TABLE	1	
22	O-RING	SEE TABLE	1	
21	BONNET GASKET	PTFE	1	
20	CYLINDER GASKET	PTFE	-	
19	PLUG GASKET	PTFE	1	
18	HANDLE	FC 200	1	
17	LOCK NUT	SUS 304	1	
16	ADJUST SCREW	SUS 304	1	
15	ADJUST SPRING	SEE TABLE	1	
14	RETURN SPRING	SEE TABLE	1	
13	SPRING SEAT(UP)	SUS 304	1	
12	SPRING SEAT(LOW)	SUS 304	1	
11	CYLINDER	SCS 13	1	
10	PISTON	SCS 13	1	
9	STEM GUIDE	SCS 13	1	
8	STEM	SUS 304	1	
7	DISC LOCK NUT	SUS 304	1	
6	DISC HOLDER	SUS 304	1	
5	DISC	SEE TABLE	1	
4	SEAT	SCS 13	1	
3	PLUG	SUS 304	1	
2	BONNET	SCS 13	1	
1	BODY	SCS 13	1	

* SPRING MATERIAL(14,15)

MAT'L	REMARK
SWOSC-B	
SUP 9	
SUS 304	
SUS 316	
INCONEL	

* DISC & O-RING MATERIAL

PART NAME	NBR	VITON	EPDM
DISC			
O-RING			

* BOLT(27) Q'TY

SIZE	Q'TY
15A - 25A	6
32A - 50A	8

* DIMENSION

Unit : mm

SIZE	d	L	H	G	H1	FLANGE JIS B 2216 40K / FACE : RF						CV	W'T	Q'ty
						ØD	Øg	ØC	T	f	N - H	VALUE	(kg)	(EA)
15A	15.0	149.0	392.0	76.0	316.0	115.0	55.0	80.0	20.0	1.0	4-19	1.0	11.8	-
20A	20.0	149.0	392.0	76.0	316.0	120.0	60.0	85.0	20.0	1.0	4-19	2.5	12.1	-
25A	25.0	154.0	392.0	76.0	316.0	130.0	70.0	95.0	22.0	1.0	4-19	4.0	13.1	-
32A	32.0	184.0	433.0	87.0	346.0	140.0	80.0	105.0	24.0	2.0	4-19	6.3	19.3	-
40A	40.0	184.0	433.0	82.0	351.0	160.0	90.0	120.0	24.0	2.0	4-23	8.0	20.7	-
50A	50.0	288.0	433.0	82.0	351.0	165.0	105.0	130.0	26.0	2.0	8-19	15.0	22.8	-

TITLE	PRESSURE REDUCING VALVE	MODEL NO.	PRE-3F

DES	CHE	APP	DATE	2021-02-18	DRAWING NO	REV
J.M.JEONG	Y.S.SEO	S.M.JANG	SCALE	N / S	YNV 2 2 7 1 0 0 - J F 0 0	

YNV CO.,LTD

UNIT (INCH . MM)