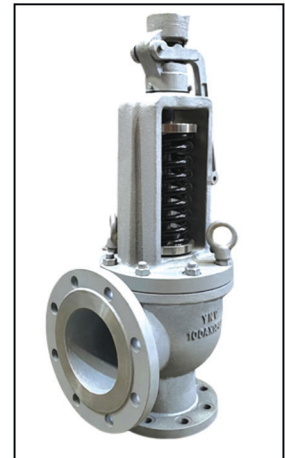


MODEL : YNV - Safety & Relief Valve

Connection : Flange PN 16



- This is generally used for large-size steam boiler, various pressure vessels and tracing equipment as safety valve and relief valve in pump.
- Suitable for large capacity.
- The main parts are made of the good materials in accurate.
- Lever type could execute the discharge inspection manually at over 75% of discharge pressure.
- ANSI, DIN Flanges are available upon request.

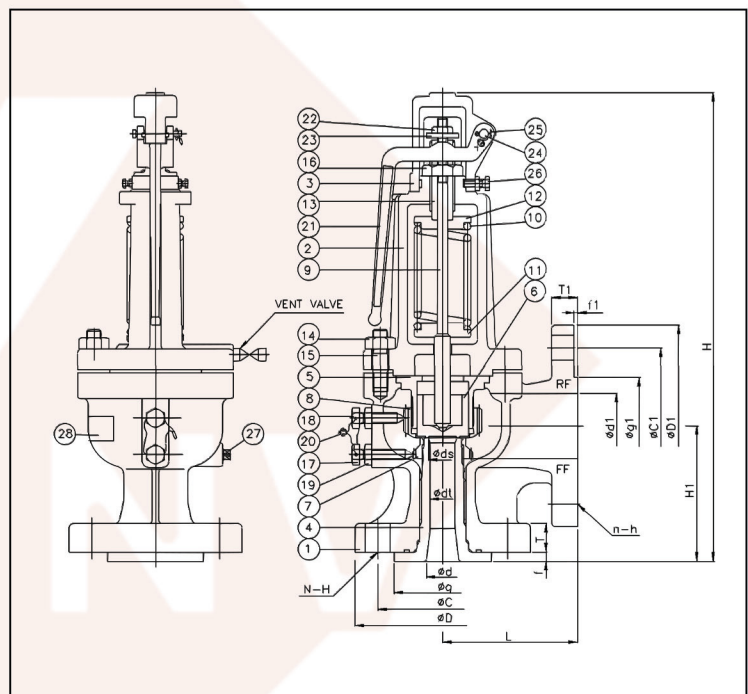


SPECIFICATION

1	APPLICABLE FLUIDS	: STEAM
2	SERVICE SYSTEM	-
3	DESIGN TEMPERATURE	: 400 °C
4	DESIGN PRESSURE	: 16 barg
5	SETTING PRESSURE	: 3.2 barg
6	HYDRO. TEST PRESSURE	: DESIGN PRESSURE X 1.5

SPRING MATERIAL	
SIZE	REMARK
50A x 80A	SWOSC-B
80A x 125A	SWOSC-B
100A x 150A	SAE 9254

NO	PART NAME	MATERIAL	QTY	REMARK
1	BODY	FCD 450	1	
2	BONNET	FCD 450	1	
3	CAP	FCD 450	1	
4	SEAT	SCS 13	1	STELLITED
5	DISC GUIDE	SCS 13	1	
6	DISC	SUS 304	1	STELLITED
7	ADJUST RING(LOW)	SCS 14	1	
8	ADJUST RING(UP)	SCS 14	1	
9	VALVE STEM	SUS 304	1	
10	SPRING	SEE TABLE	1	
11	SPRING SEAT(LOW)	SUS 304	1	
12	SPRING SEAT(UP)	SUS 304	1	
13	ADJUST SCREW	SUS 304	1	
14	NUT	S 45C	6	
15	STUD BOLT	SNB 7	6	
16	LOCK NUT	C 3604	1	
17	SET SCREW(LOW)	SS 400	1	
18	SET SCREW(UP)	SS 400	1	
19	LOCK NUT	SS 400	2	
20	SEAL	Pb	2	
21	LEVER	FCD 450	1	
22	LOCK NUT	SS 400	1	
23	STEM WASHER	SS 400	1	
24	PIN	C 3604	1	
25	SPLIT PIN	SUS 304	1	
26	CAP SET SCREW	SUS 304	2	
27	PLUG	SF 440A	1	
28	NAME PLATE	SUS 304	1	



OVERALL DIMENSIONS

SIZE d x d1	Ødt	Øds	L	H1	H	INLET FLANGE DIN 2543 - PN 16BAR - RF						OUTLET FLANGE DIN 2543 - PN 16BAR - RF						W.T (Kgs)
						ØD	Øg	ØC	T	f	N-H	ØD1	Øg1	ØC1	T1	f1	n-h	
50A x 80A	38	44	128	130	530	165	102	125	18	9	4-18	200	138	160	20	3	8-18	27
80A x 125A	61	71	162	168	687	200	138	160	20	12	8-18	250	188	210	22	3	8-18	51
100A x 150A	76	88	190	197	780	220	158	180	20	12	8-18	285	212	240	22	3	8-23	90