

## CAST IRON OR DUCTILE IRON PRESSURE RELIEVING/SUSTAINING VALVE

### DESIGN DESCRIPTION:

- Design: Factory STD;
- Manufacture: Factory STD;
- Flange: ANSI B16.5, DIN2532/2533, BS 4504;
- Bolt Cover; Soft Seal;
- Material and Working Temp.:
  - ◆ Cast Iron and Ductile Iron: 0°C-80°C(32°F-176°F)
  - ◆ Buna-N: 0°C-71°C(160°F) Maximum
  - ◆ EPDM: 0°C-80°C(176°F) Maximum



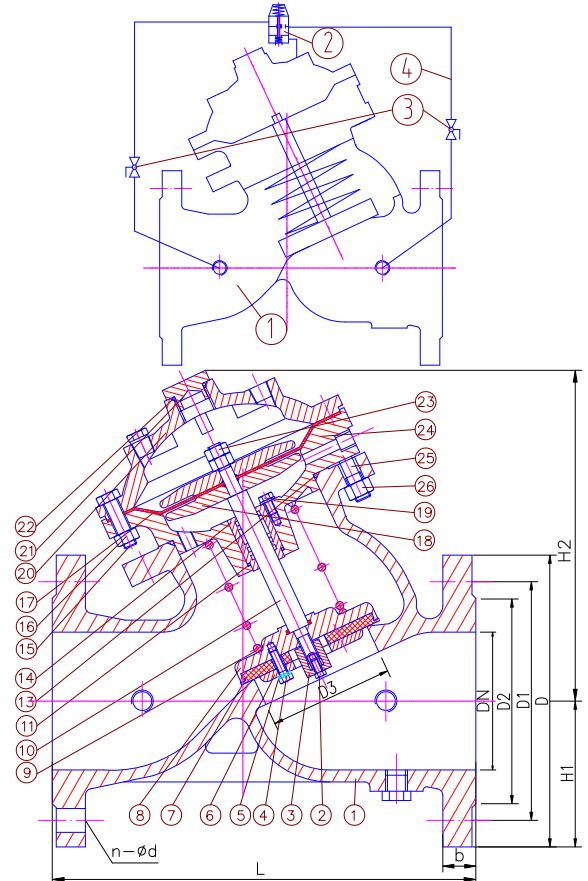
### PARTS AND MATERIAL:

No	Parts Name	Material
1	Main Valve	ASTM A126-B/A536, WCB, CF8, CF8M
2	Pressure Relieving Guide Valve	Brass ASTM C27400
3	Ball Valve	Brass ASTM C27400
4	Control Pipeline	Rose Copper C11000

### MAIN VALVE: PARTS AND MATERIAL:

No	Part Name	Material
1	BODY	ASTM A126-B/A536, WCB, CF8, CF8M
2	STUD	Carbon Steel/Stainless Steel
3	CAP	2CR13/SS304/SS316
4	BOLT	Carbon Steel/Stainless Steel
5	WASHER	Carbon Steel/Stainless Steel
6	DISC PLATE	ASTM A126-B/A536, WCB, CF8, CF8M
7	DISC SEAL	NBR/EPDM
8	DISC	ASTM A126-B/A536, WCB, CF8, CF8M
9	SPRING	Stainless Steel
10	STEM	2CR13/SS304/SS316
11	O-RING	NBR/EPDM
13	O-RING	NBR/EPDM
14	GUIDE SLEEVE	Alloy Brass/Stainless Steel
15	STUD	Carbon Steel/Stainless Steel
16	NUT	Carbon Steel/Stainless Steel
17	DIAPHRAGM	NBR/EPDM
18	DIAPHRAGM PLATE	NBR/EPDM
19	STUD	Carbon Steel/Stainless Steel
20	UPPER COVER	ASTM A126-B/A536, WCB, CF8, CF8M
21	PLUG	Carbon Steel/Stainless Steel
22	O-RING	NBR/EPDM
23	NUT	Carbon Steel/Stainless Steel
24	MID-BONNET	ASTM A126-B/A536, WCB, CF8, CF8M
25	STUD	Carbon Steel/Stainless Steel
26	NUT	Carbon Steel/Stainless Steel

OTHER MATERIALS ARE AVAILABLE UPON REQUEST.



### DIMENSIONS LIST(UNIT:MM):

DN	50	65	80	100	125	150	200	250	300	350	400	500	600
Size	2"	2-1/2"	3"	4"	5"	6"	8"	10"	12"	14"	16"	20"	24"
L	203	216	241	292	330	356	457	533	610	686	762	914	1067
H1							162	225	260	290	310	380	450
H2	210	210	260	270	320	350	420	480	590	650	750	850	980
PN10													
D	165	185	200	220	250	285	340	395	445	505	565	670	780
n	4	4	4	8	8	8	8	12	12	16	16	20	20
d	18	18	18	18	18	22	22	22	22	22	26	27	30
D1	125	145	160	180	210	240	295	350	400	460	515	620	725
D2	102	122	138	158	188	212	268	320	370	430	482	585	685
PN16													
D	165	185	200	220	250	285	340	405	460	520	580	715	840
N	4	4	8	8	8	8	12	12	12	16	16	20	20
d	18	18	18	18	18	22	22	26	26	26	30	33	36
D1	125	145	160	180	210	240	295	355	410	470	525	650	770
D2	102	122	138	158	188	212	268	320	378	438	490	610	725
PN25(WCB/CF8/CF8M)													
D	165	185	200	235	270	300	360	425	485	555	580	730	845
N	4	8	8	8	8	8	12	12	16	16	16	20	20
d	18	18	18	22	26	26	26	30	30	33	36	33	36
D1	125	145	160	190	220	250	310	370	430	490	550	660	770
D2	102	122	138	162	188	218	278	335	395	450	505	615	720

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