



*Cipriani Harrison Valves Corp.*

## *Pressure Relief Valve 70 Series*

### **Application**

The pressure relief Valve is used to control over pressurization in a process piping system.

### **Working Principle**

When the line pressure exceeds the limit set for the pressure relief valve , the valve plug will lift and drain out the pressure through the side port. The valve will remain open until the line pressure decreases to a value lower than the set value.

### **Standard Design**

The valve has an adjustable spring closing force. The opening pressure can be adjusted with a handle on top of the valve. The spring assembly is enclosed in a stainless steel housing. The self draining machined and polished valve body is made from acid resistance stainless steel. The open yoke design ensures easy cleaning of the valve plug.

### **Available sizes**

1", 1 1/2", 2", 2 1/2", 3"

### **Options**

End connections : Sanitary Clamp, Butt-Weld, I-Line or others on request

FDA Seal Material : SILICON, VITON, EPDM, OR BUNA



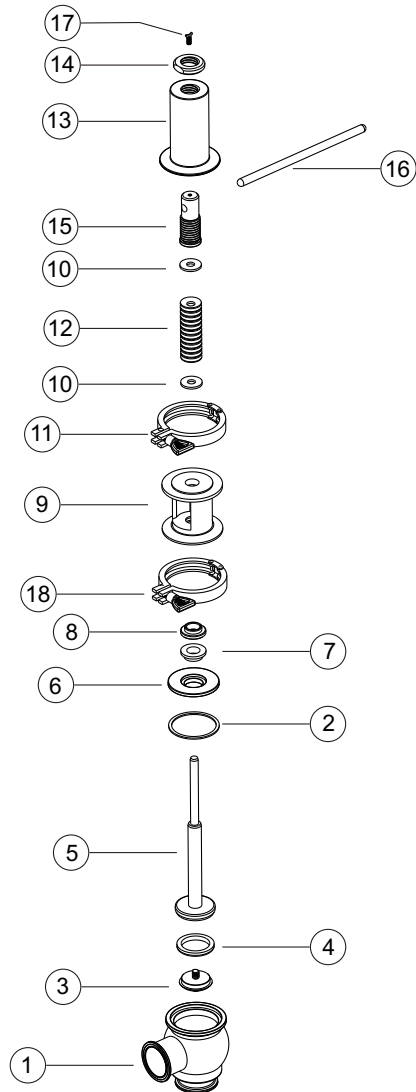
 *Cipriani Harrison Valves Corp.*

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Exploded view of standard Pressure Relief Valve

NO.	PART NO	DESCRIPTION	MATERIAL
1	7001	VALVE BODY	AISI 316L
2	7002	SEAL RING	EPDM
3	7003	SCREW	AISI 316L
4	7004	VALVE SEAT	PTFE
5	7005	VALVE PLUG	AISI 316L
6	7006	LIP SEAL HOUSING	AISI 316L
7	7007	LIP SEAL	EPDM
8	7008	GUIDE BUSHING	PTFE
9	7008	YOKE	AISI-304
10	7010	WASHER	AISI- 304
11	7011	CLAMP	AISI-304
12	7012	SPRING	SPRING STEEL
13	7013	HOUSING	AISI -304
14	7014	LOCK NUT	AISI-304
15	7015	STUD	AISI-304
16	7016	HANDLE	AISI- 304
17	7017	LOCK ELEMENT	AISI -304
18	7018	CLAMP	AISI-304

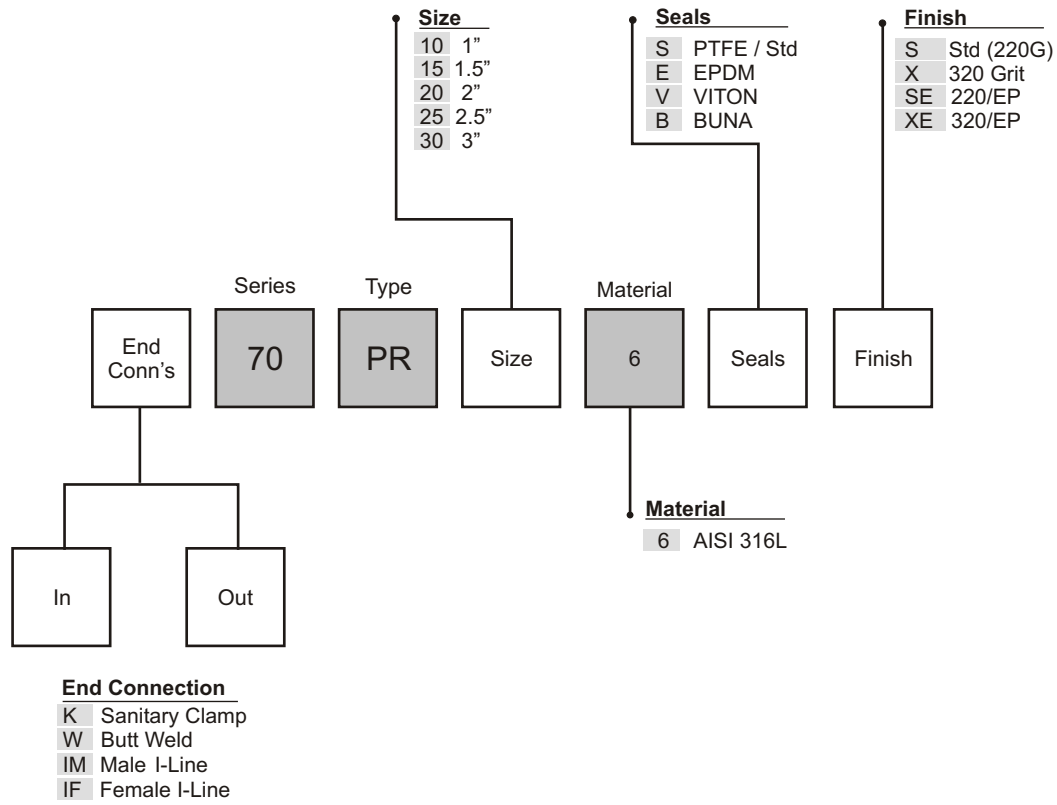


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## 70 Series Pressure Relief Valve Ordering System



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