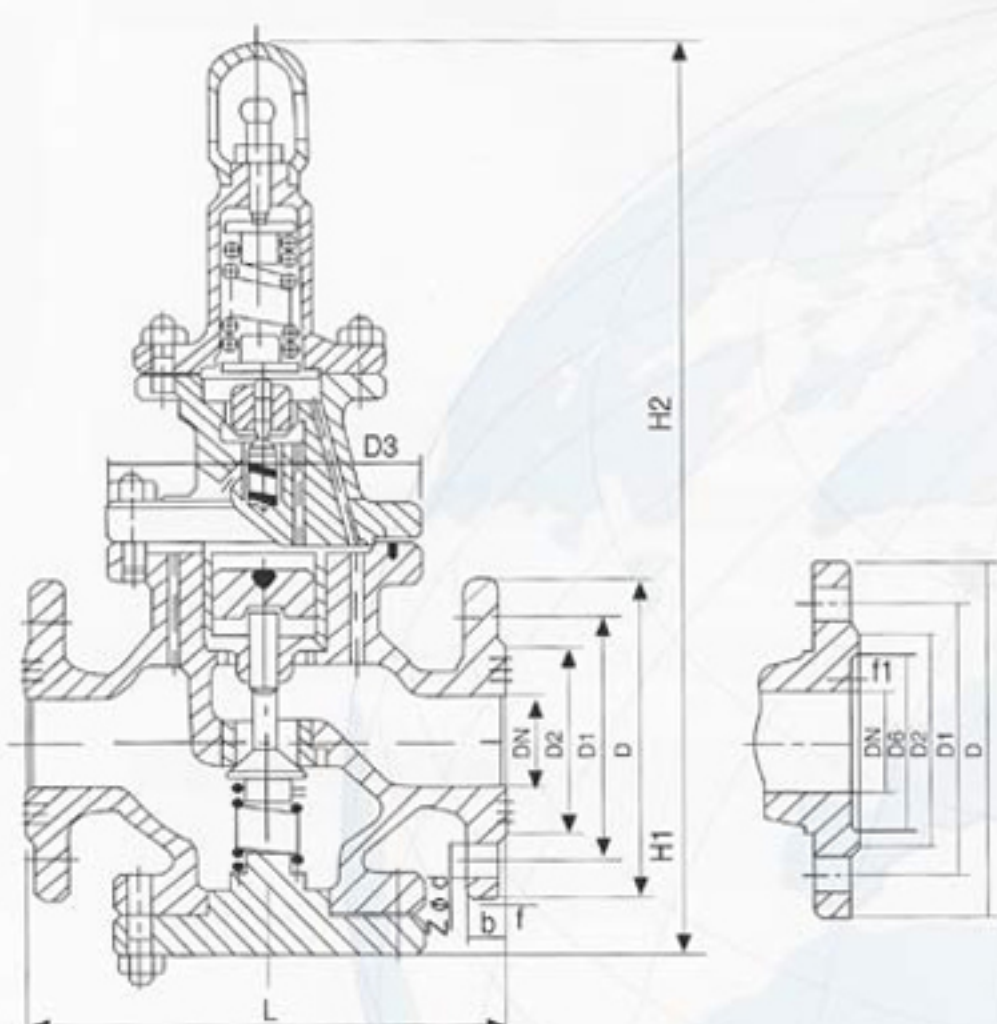




## Shield - Pressure Reducing Valve

- ▲ Model: SD-PRV150 CLASS 150LB FLANGE
- ▲ Model: SD-PRV250 CLASS 250LB FLANGE
- ▲ Model: SD-PRV300 CLASS 300LB FLANGE



### Materials Of Construction

Description	Standard
Body Bonnet	Cast Iron / Cast Steel
Disc Seat Main Disc Piston	Stainless Steel
Spring	Steel (Chrome Vanadium)
Adjusting Spring	Steel (Sr. Mn)
Piston Ring	Alloy Iron

- ▲ The Valves are designed and manufactured according to AWWA standards and other international standards.
- ▲ Flange shape and drilling to specification ANSI B16.10 & ANSI B16.5
- ▲ Face to face dimensions confirm to ANSI B16.10 & ANSI B16.5
- ▲ Suitable media: Water, Oil, Gas, Fire Fighting
- ▲ Available in all Iron - upon request
- ▲ Working temperature : <425 C

## Shield - Pressure Reducing Valve



### Dimensions (mm)

Model	PN (Bar)	DN (Inch)	L	D	D <sub>1</sub>	D <sub>2</sub>	D <sub>3</sub>	D <sub>6</sub>	B	F	F <sub>1</sub>	H <sub>1</sub>	H <sub>2</sub>	Z-d	Wt. (Kg)
SD-PRV150	16	3/4"	160	105	75	55	100	-	16	2	-	89	312	4-14	11.5
		1"	180	115	85	65	115	-	16	2	-	101	315	4-14	15.5
		1 1/4"	200	135	100	78	130	-	18	2	-	107	320	4-18	18.7
		1 1/2"	220	145	110	85	145	-	18	3	-	113	325	4-18	22.7
		2"	250	160	125	100	155	-	20	3	-	120	335	4-18	26.5
		2 1/2"	260	180	145	120	170	-	20	3	-	125	340	4-18	30
		3"	310	195	160	135	200	-	22	3	-	140	360	8-18	40
		4"	350	215	180	155	200	-	24	3	-	150	390	8-18	48
		5"	400	245	210	185	245	-	26	3	-	190	415	8-18	80
		6"	450	280	240	210	245	-	28	3	-	205	440	8-23	95
		8"	500	335	295	265	335	-	30	3	-	220	475	12-23	125
		10"	600	405	355	320	420	-	34	4	-	270	545	12-25	270
		12"	800	460	410	375	425	-	36	4	-	335	575	16-25	445
14"	850	520	470	435	510	-	40	4	-	390	650	16-30	680		
16"	900	580	525	485	580	-	40	4	-	430	705	4-14	850		
SD-PRV250	25	1"	200	115	85	65	115	-	16	2	-	101	315	4-18	17
		1 1/4"	200	135	100	78	125	-	18	2	-	107	320	4-18	20
		1 1/2"	220	145	110	85	140	-	18	3	-	113	325	4-18	22
		2"	250	160	125	100	140	-	20	3	-	120	335	8-18	26
		2 1/2"	260	180	145	120	160	-	22	3	-	125	340	8-18	27.5
		3"	310	195	160	135	180	-	22	3	-	140	360	8-21	42.5
		4"	350	230	200	157	200	-	24	3	-	150	390	8-25	52
		5"	400	270	220	188	260	-	28	3	-	190	425	8-25	90
		6"	450	300	250	218	275	-	30	3	-	210	445	8-25	103
		8"	500	360	320	270	340	-	34	3	-	245	485	12-25	144
		10"	600	425	370	332	420	-	36	4	-	270	545	12-30	305
		12"	800	485	430	390	425	-	40	4	-	335	575	16-30	498
14"	850	550	490	448	510	-	44	4	-	390	650	16-34	720		
16"	900	610	550	505	580	-	48	4	-	430	710	16-34	890		
SD-PRV300	40	1"	200	115	85	65	115	58	16	2	4	101	315	4-14	17
		1 1/4"	220	135	100	78	130	66	18	2	4	107	320	4-18	20
		1 1/2"	240	145	110	85	140	76	18	3	4	113	325	4-18	22
		2"	270	160	125	100	140	88	20	3	4	120	335	4-18	26
		2 1/2"	280	180	145	120	160	110	22	3	4	140	365	8-18	27.5
		3"	330	195	160	135	200	121	22	3	4	150	385	8-18	42.5
		4"	380	230	190	160	200	150	24	3	4.5	150	385	8-23	52
		5"	440	270	220	188	260	176	28	3	4.5	190	425	8-25	90
		6"	500	300	250	218	275	204	30	3	4.5	210	445	8-25	103
8"	560	375	320	282	340	260	38	3	4.5	245	485	12-30	144		