

## Shield - General Valves (Brass)



### Model: SD-157 Gate Valve PN20



#### Dimensions (mm)

Size	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
A(mm)	33	33	36	39	43	48	52	57	65	75	84
B(mm)	25	25	27	34	42	52	59	74	91	104	137
C(mm)	67	67	67	68	78	91	104	128	175	200	235
D(mm)	45	45	45	45	50	55	60	70	100	100	120
Working pressure Kg/cm <sup>2</sup> - bar	10	10	10	10	10	10	10	10	16	16	16
Working pressure psi	145	145	145	145	145	145	145	145	230	230	230

Minimum and maximum working temperatures: 0°C, 120°C in absence of steam\*  
Available sizes: Threads: ISO228 (equivalent to DIN259 and BS2779)



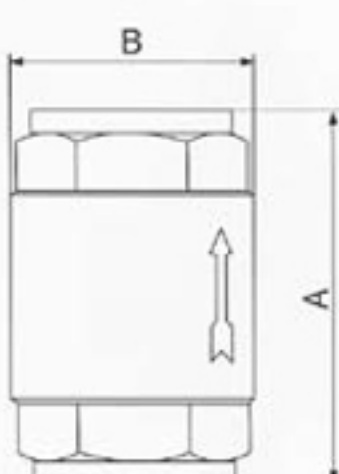
### Model: SD-100 Check Valve



#### Dimensions (mm)

Size	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
A(mm)	43	46	52	58	59	87	73	84	98
B(mm)	30	36	44	54	62	76	93	107	140
C(mm)	68	78	93	108	125	143	175	205	235
D(mm)	45	45	50	55	60	70	100	100	120
Working pressure Kg/cm <sup>2</sup> - bar	20	20	20	20	20	20	20	20	26
Working pressure psi	290	290	290	290	290	290	290	290	290

Minimum and maximum working temperatures: 20°C, 100°C\*  
Available sizes: Threads: ISO228 (equivalent to DIN259 and BS2779)



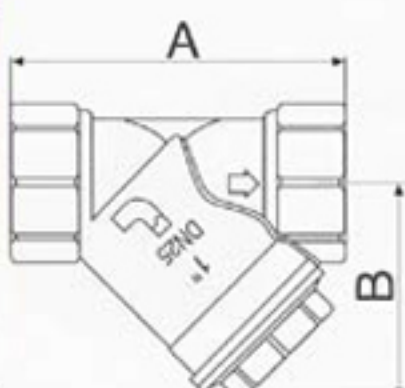
### Model: SD-192 Y Strainer



#### Dimensions (mm)

Size	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
A(mm)	38	38	45	48	51	57	61	76	80	96
B(mm)	25	25	36	43	54	62	76	95	112	140
C(mm)	68	68	78	90	108	122	125	175	205	235
D(mm)	45	45	45	50	55	60	70	100	100	120
Working pressure Kg/cm <sup>2</sup> - bar	16	16	16	16	16	16	16	16	16	16
Working pressure psi	230	230	230	230	230	230	230	230	230	230

Minimum and maximum working temperatures: 80°C, 100°C\* Maximum inlet pressure: 15 bar  
Available sizes: Threads: ISO228 (equivalent to DIN259 and BS2779)



## Shield - General Valves (Brass)

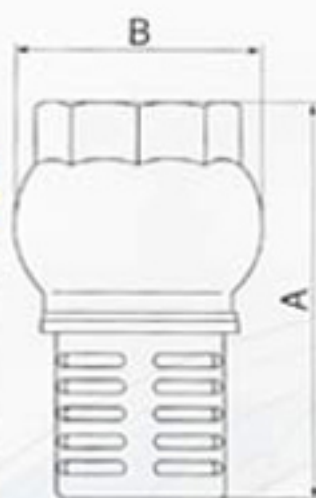
### Model: SD-140 Foot Valve



#### Dimensions (mm)

Size	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
A(mm)	59,5	70,5	82	94,5	102	119,5	139,5	174,5	194,5
B(mm)	39	45	51	61	68,5	80	100	121	145
Working pressure Kg/cm <sup>2</sup> - bar	10	10	10	8	8	8	6	6	6
Working pressure psi	140	140	140	110	110	110	90	90	90

Minimum and maximum working temperatures: -20°C, 110°C\*  
Available sizes: Threads: ISO228 (equivalent to DIN259 and BS2779)



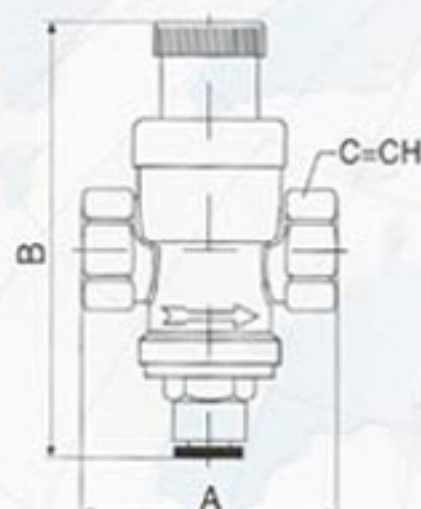
### Model: SD-143 Pressure Reducing Valve



#### Dimensions (mm)

Size	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"
A(mm)	77	85	89	125	130	138	148	177
B(mm)	12	150	160	220	220	250	256	285
Working pressure Kg/cm <sup>2</sup> - bar	25	25	25	25	25	25	25	25
Working pressure psi	360	360	360	360	360	360	360	360

Minimum working temperatures: 80°C Maximum inlet pressure: 20 bar  
Outlet pressure can be adjusted between 1 and 4 bar  
Available sizes: Threads: ISO228 (equivalent to DIN259 and BS2779)



### Model: SD-90 Ball Valve full flow



#### Dimensions (mm)

Size	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
A(mm)	44,4	44,4	50,5	57,5	70	80,5	94	112,5	134,5	157	190
B(mm)	23,5	24	30,5	37	45,5	57	70	84	109	131	164
C(mm)	37	37	41	55	59	74,5	80,5	96,5	116	133	148
D(mm)	80	80	80	113	113	137,5	137,5	157	197	250	250
Working pressure Kg/cm <sup>2</sup> - bar	50	50	50	40	40	30	30	25	18	16	14
Working pressure psi	710	710	710	570	570	430	430	360	260	230	200

Minimum and maximum working temperatures: -20°C, 150°C  
in absence of steam.\*

Available sizes: Threads: ISO228 (equivalent to DIN259 and BS2779), art.090 and 092 are also available with NPT threads (up to 2")

