

Carbon Steel Spring Check Valve - Wafer Type

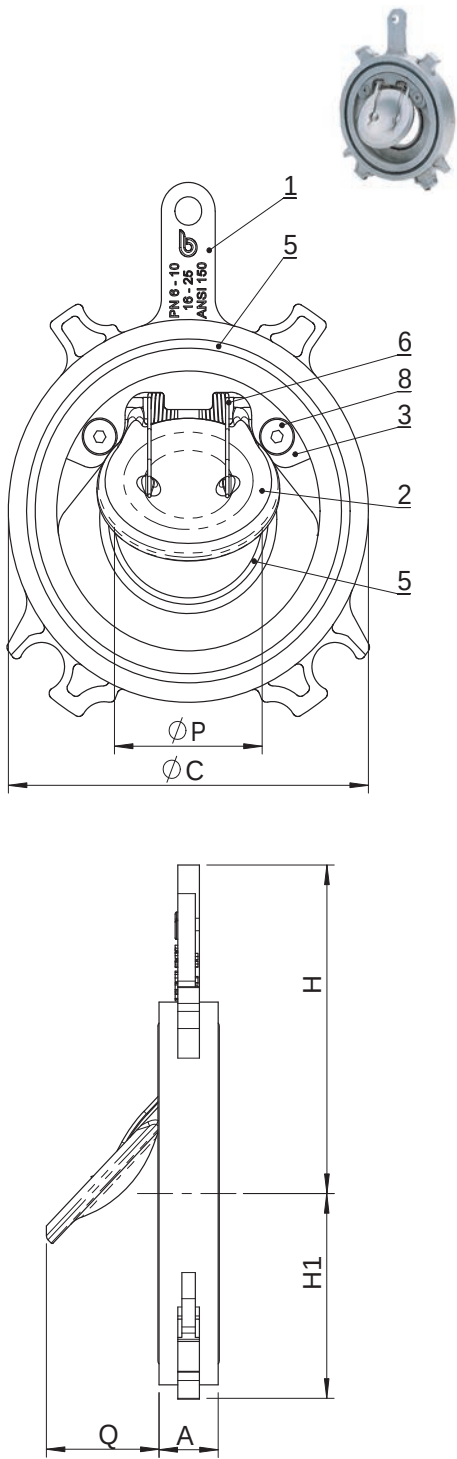
To Fit PN6/10/16/25 & ANSI 150, Carbon Steel Body & Disc,
302 Stainless Steel Spring. Note: NBR Seat as standard, other options
available via assembly. Can be used without spring.

Pressure / Temperature Specifications	
Pressure	PN25 2" to 8"
	PN16 10"
Temperature	NBR -10°C to 100°C (110°C Peak)
	Viton -10°C to 150°C (170°C Peak)
	PTFE -10°C to 200°C

Valve Material Specifications	
1. Body	ASTM A216 Gr. WCB Carbon Steel
2. Disc	ASTM A216 Gr. WCB Carbon Steel
3. Plate	ASTM A351 Gr. CF8M Stainless Steel
5. O-ring	EPDM (Viton & PTFE options)
6. Spring	AISI 302 Stainless Steel
8. Screw	A2 Stainless Steel

Dimensions							
DN	P	A	C	H	H1	Q	Kg
2"	33	18.5	99	98.5	53	36	0.82
2½"	43	18.5	118	107	63	49	1.25
3"	53	22	134	115	73	58	1.86
4"	75	23.5	154	131	92	77	2.42
5"	96	29	184	138	119	95	3.1
6"	118	34.5	208	137	149	117	5.3
8"	164	36	264	169	167	151	8.5
10"	200	38	317	247	140	183	12.4

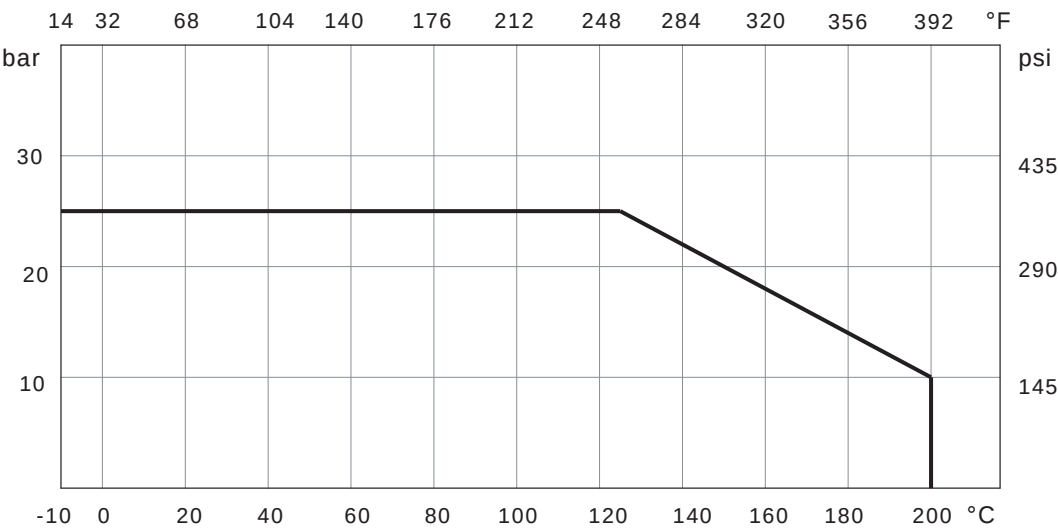
KV / Cracking Pressure Information				
Size	Kv	Spring Information / Flow Direction / Cracking Pressures (mmH ₂ O)		
		With Spring ↑	With Spring →	Without Spring ↑
2"	41	194	126	70
2½"	75	198	130	70
3"	140	196	120	76
4"	208	174	106	68
5"	341	226	126	100
6"	525	230	130	100
8"	1093	244	136	110
10"	1670	260	138	122



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Pressure / Temperature Chart (Note: Maximum temperature depends on O-ring material)



Head Loss Chart (Fluid: Water - 1m H₂O = 0.098 Bar)

