V909 Wafer pattern check valve

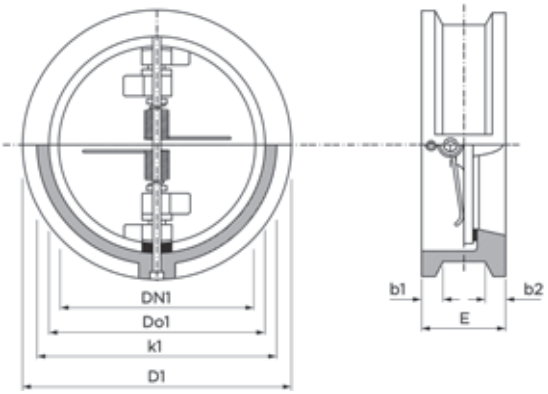
water heating



specification

- all sizes rated PN16
- self-acting, spring assisted, closure
- dual plate wafer pattern
- cast iron body
- BS EN 12334:2001
- for use with flanges to BS EN 1092-2
- face to face dimensions to 35EN 558-1

DN	Connection	Code	Weight (kg)
65mm	2 ½"	15398	2.3
80mm	3"	15399	3.2
100mm	4"	15400	4.4
125mm	5"	15401	6.7
150mm	6"	15402	9.2
200mm	8"	15403	14.8
250mm	10"	15404	25.5
300mm	12"	15405	40.7
350mm	14"	15427	55.0
450mm	18"	15429	107.0



Dimensions (mm)

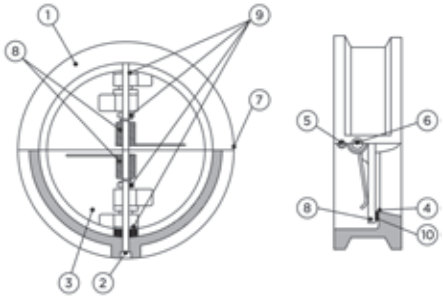
	b1/b2	D1	Do1	DN1	E	H	k1
65mm	9.0	126.0	108.0	DN65	46.0	63.0	78.0
80mm	11.0	141.0	118.0	DN80	57.0	71.0	90.0
100mm	13.0	161.0	135.0	DN100	64.0	81.0	115.0
125mm	14.0	191.0	163.0	DN125	70.0	96.0	141.0
150mm	15.0	217.0	187.0	DN150	76.0	109.0	170.0
200mm	18.0	272.0	236.0	DN200	89.0	136.0	210.0
250mm	23.0	327.0	281.0	DN250	114.0	164.0	273.0
300mm	23.0	382.0	336.0	DN300	114.0	191.0	324.0
350mm	25.0	442.0	386.0	DN350	184.0	221.0	356.0
450mm	30.0	494.0	506.0	DN450	191.0	249.0	406.0

Material specification

Nr	Component	Material
1	Body	Cast iron
2	Hinge pin	Stainless steel
3	Disc	Stainless steel
4	Seat	NBR
5	Stop pin	Stainless steel
6	Pin retainers	Stainless steel
7	ID plate	Aluminium
8	Spring	Stainless steel
9	Washer	PTFE
10	Gasket	EPDM

Maximum pressure conditions

Size	Max Pressure (bar)	Min/Max Temperature (°C)	Test Pressure Shell (bar)	Test Pressure Seat (bar)	Max Pressure (psi)	Min/Max Temperature (°F)	Test Pressure Shell (psi)	Test Pressure Seat (psi)
DN65 to DN450	16.0	- 10°C + 120°C	24.0	17.5	232.1	14°F + 248°F	348.1	253.8



Pressure equipment directive category

All sizes classified SEP

Pressure & temperature ratings

