



VALVE AND FLOW CONTROL SPECIALISTS
SERVICE AND RELIABILITY

CAST IRON TWINFOLD WAFER CHECK VALVE

**FIGURE NO. VWC-SE12HMP
(AS2129) VWC-S12HMP (ANSI 125)
DUAL PLATE WAFER CHECK VALVE**

This is an “engineered” wafer check designed and built to outlast others on high cycle applications or pump systems.
1400kpa CWP

Max Temp 105C (viton option 150C)

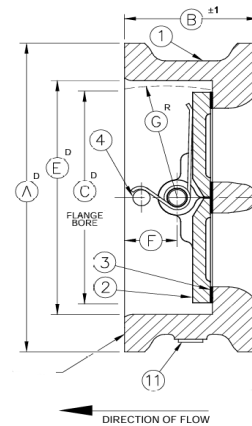
End Type: Sizes: Wafer
DN 50 to DN 600 (2” to 24”)

Materials : Cast Iron body, Stainless Plates,
Buna N seat



- * API 594 Design
- * API 598 testing
- * ASME B16.34 rating class 125
- * Single Spring twin plate
- * Hinge sleeve reduces friction and water hammer
- * Centre heel kick operation stops premature seat rubbing
extending valve life (not found on most others)
- * Independent spring action sizes above 6” reduces water
hammer by 50% and valve damage by 25%
- * Plain metal face

Size	A		B		C		D		Weight
	in	mm	in	mm	in	mm	in	mm	
2"	50	4 1/8	105	2 1/8	54	2 1/16	52	-	1.8
2 1/2"	65	4 7/8	124	2 1/8	54	2 15/64	63	-	2.7
3"	80	5 3/8	137	2 1/4	57	3 1/16	78	5/8	3.2
4"	100	6 7/8	175	2 1/2	64	4	102	1	5.4
5"	125	7 3/4	197	2 3/4	70	5	127	1 3/16	6.8
6"	150	8 3/4	222	3	76	6 1/16	154	1 15/16	9
8"	200	11	279	3 3/4	95	8	203	3 7/16	18
10"	250	13 3/8	340	4 1/4	108	10	254	3 3/8	29
12"	300	16 1/8	410	5 3/8	143	11 15/16	303	3 3/16	50
14"	350	17 3/4	451	7 1/4	184	12 1/2	318	3 1/16	83
16"	400	20 1/4	514	7 1/2	191	15	381	4 1/4	113
18"	450	21 5/8	549	8	203	16 7/8	429	5 3/8	143
20"	500	23 1/8	606	8 3/8	213	18 13/16	478	6 3/16	172
24"	600	28 1/4	718	8 3/4	222	22 5/8	575	8 1/4	261



ITEM	PART NAME	QTY	MATERIAL
1	BODY	1	ASTM A126 Gr. CLASS B
2	PLATES	2	ASTM A351 Gr. CF8M
3	SEAL	*	BUNA-N
4	STOP PIN	1	316 STAINLESS STEEL
5	HINGE PIN	1	316 STAINLESS STEEL
6	SPRING	1	316 STAINLESS STEEL
7	STOP PIN RETAINER	2	316 STAINLESS STEEL
8	HINGE PIN RETAINER	2	316 STAINLESS STEEL
9	BODY BEARINGS	2	25% GLASS FILLED TEFLON
10	PLATE BEARINGS	2	25% GLASS FILLED TEFLON
11	NAMEPLATE	1	316 STAINLESS STEEL

* Bonded seat

