



AVK NOZZLE CHECK VALVE, MULTI STEM, PN10/16

876/01-001

SS 420 stem, SS 304 spring, alu-bronze bush, A2 fasteners, FBE coating, EPDM rubber, horiz./vert.

The AVK spring loaded nozzle check valve is a reliable, fast reacting blocker of reverse flow in water pipes. In case of pump stop the spring loaded valve cone will make sure the water flow is shut off swiftly and quietly before it can change direction and cause water hammer. All metal parts are made of either stainless steel or epoxy coated ductile iron

Product description:

Fast reacting nozzle check valve with spring return, face-to-face EN558/14, for drinking water and other neutral liquids to 80°C

Design standards:

- EN 1074-3, EN 12266
- Face-to-face dimension according EN 558 - Series 14
- Flange drilling to EN1092, PN10/16

Test/Approvals:

- Tested according to EN 12266.
- WRAS approved materials

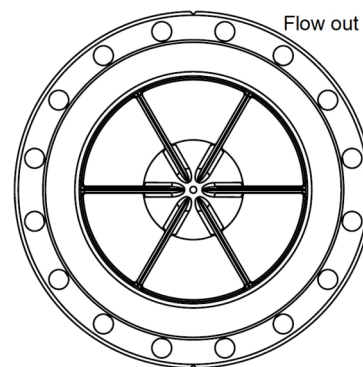
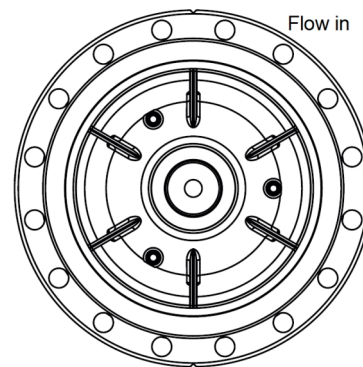
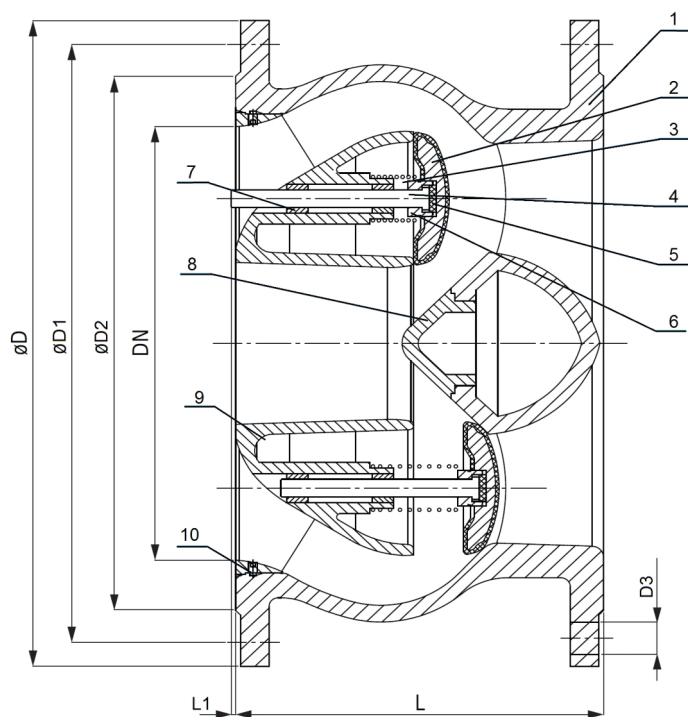
Features:

- The valve cone is spring loaded to make sure the valve closes before the flow can reverse and cause water hammer
- An optimized flow path keeps head loss down to a minimum
- Stem in stainless steel SS-420, spring in stainless steel SS-304, bushing in alu-bronze
- Stainless steel, grade A2 (304) fasteners Multi-stem ensures minimum disc travel reducing closure time
- All iron parts coated with 250µm blue RAL 5005 fusion bonded epoxy (FBE)
- Centering stem runs in high strength alu-bronze bushings
- Approved for drinking water according to Decreto Ministeriale nr. 174 - Ministero della Salute
- For both horizontal and vertical installation



Expect... **AVK**

The designs, materials and specifications shown are subject to change without notice due to the continuous development of our product range.

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1. Body	Ductile iron GJS-500-7	6. Nut	Stainless steel A2
2. Disc	Ductile iron, EPDM encapsulated	7. Bushing	Alu-bronze C61900
3. Spring	Stainless steel AISI 304	8. Plug	Ductile iron GJS-500-7
4. Stem	Stainless steel AISI 420	9. Diffuser sleeve	Ductile iron GJS-500-7
5. Ring	Polyamide	10. Set screw	Stainless steel A2

Components may be substituted with equivalent or higher class materials without prior notification.

Reference nos. and dimensions:

AVK ref. no.	DN	Flange	D	D1	D2	D3	Number	L	L1	Theoretical
	mm	drilling	mm	mm	mm	mm	of bolts	mm	mm	weight/kg
876-0400-01-01102012	400	PN10	565	515	480	28	16	310	-	160
876-0400-01-11102012	400	PN16	580	525	480	31	16	310	-	165
876-0450-01-01102012	450	PN10	615	565	560	28	20	330	7	180
876-0450-01-11102012	450	PN16	640	585	548	31	20	330	7	190
876-0500-01-01102012	500	PN10	670	620	582	28	20	350	5	260
876-0500-01-11102012	500	PN16	715	650	609	34	20	350	5	275
876-0600-01-01102012	600	PN10	780	725	682	31	20	390	15	420
876-0600-01-11102012	600	PN16	840	770	720	37	20	390	15	480
876-0700-01-01102012	700	PN10	895	840	794	31	24	430	3	480
876-0700-01-11102012	700	PN16	910	840	794	37	24	430	3	480
876-0800-01-01102012	800	PN10	1015	950	901	34	24	470	12	604
876-0800-01-11102012	800	PN16	1025	950	901	41	24	470	12	604
876-0900-01-01102012	900	PN10	1115	1050	1001	34	28	510	19	850
876-0900-01-11102012	900	PN16	1125	1050	1001	41	28	510	19	850
876-1000-01-01102012	1000	PN10	1230	1160	1112	37	28	550	28	1270
876-1000-01-11102012	1000	PN16	1255	1170	1112	44	28	550	28	1270
876-1200-01-01102012	1200	PN10	1455	1380	1328	41	32	630	-	1905
876-1200-01-11102012	1200	PN16	1485	1390	1328	50	32	630	-	1905

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