

DUAL PLATE CHECK VALVE



FEATURES

- Very compact in size as compared to a Swing check Valve
- Inherently light weight by the virtue of its design
- Due to split disc design slamming of disc during closure of the valve is considerably reduced
- While opening disc does not have to overcome gravity Hence it is quick to respond to the flow pressure

SPECIFICATIONS

Codes & Standards

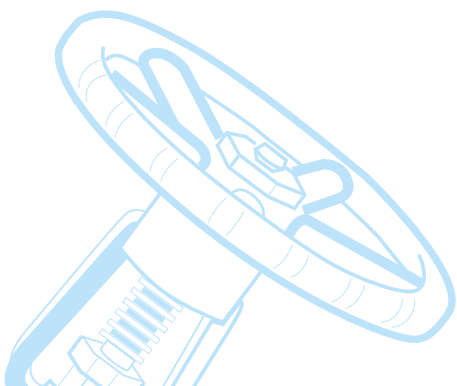
• General design & mfg	AEME B 16.34 / API 594
• Face to face dimensions	API 594
• Inspection and testing	API 598 / BS EN 12266 Part 1
• Flange drilling	ASME B16.5

Technical Specifications

• Seat type	Integrally moulded with the body
• End connection	Wafer / Lug / Double flanged
• Size range	DN 40 to DN 600
• Pressure rating	PN10 / PN16
• Operating temp. range	-29 C to 200 C / -29 C to 400 C
• Seat leakage	Tight shut off (uni-directional)
• Operation	Self

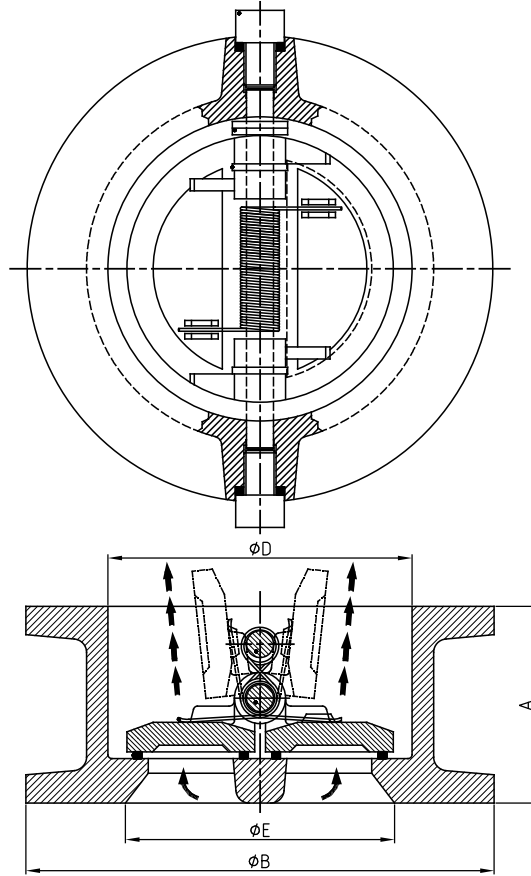
Standard Material of Construction (MOC)

• Valve body	WCB / CF8 / CF8M / CF3M
• Valve disc	WCB / CF8 / CF8M / CF3M
• Seat	BUNA-N / VITON / SS316 / SS410
• Spring	SS 316 / INCONEL X 750
• Hing Pin	SS 304 / SS 316 / SS304L



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GENERAL ARRANGEMENT



SIZE		#150				#300				#600			
NPS	DN	A	ØB	ØE	ØD	A	ØB	ØE	ØD	A	ØB	ØE	ØD
2"	50	60	104	51	60	60	111	51	64	60	111	61	64
3"	80	73	136	74	73	73	149	74	94	73	148	74	94
4"	100	73	174	97	114	73	180	97	118	79	194	97	118
6"	150	98	221	146	188	98	260	146	172	137	267	148	168
8"	200	127	278	194	219	127	308	194	222	165	321	194	219
10"	250	146	339	243	273	146	360	243	275	213	400	243	273
12"	300	181	408	259	324	181	421	259	328	229	457	289	324
14"	350	184	449	318	356	184	484	318	358	273	492	316	356
16"	400	191	511	381	406	232	538	381	408	305	585	364	406
18"	450	203	549	429	457	264	597	429	457	362	613	410	457
20"	500	219	606	478	608	292	654	478	508	368	683	456	508
24"	600	222	718	575	610	318	775	575	610	438	791	548	610

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