



BLAZE

Flanged Orifice Air Release Valve

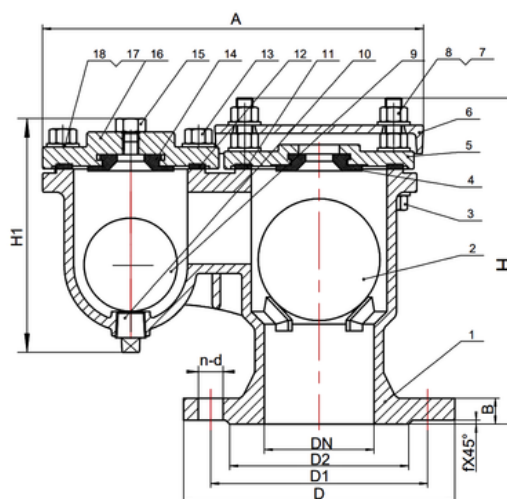
Model : BT 1510

Description:

The BT 1510 Flanged Orifice Air Release Valve is designed for the automatic release of trapped air from pressurised water systems, helping maintain efficient flow and reliable system operation. Featuring a durable ductile Iron body and cover, brass air-release components and an EPDM sealing system, it provides dependable performance and long service life. Rated for PN16 working pressure and temperatures from -10°C to 100°C, the valve is available in sizes from 1½" to 10" and is suitable for a wide range of water distribution and pipeline applications.

Specifications :

Size	1 ½" to 10" (DN40 to DN250)
Working Pressure	233 psi (16 Bar)
Testing Pressure	Shell : 24 Bar Seat : 17.6 Bar
Temperature Range	-10°C to 100°C
Coating	Fusion Bonded Epoxy (FBE), RAL 5015 (Blue)



Dimesnions :

Order Code	DN	Inch	D (mm)	D1 (mm)	D2 (mm)	B (mm)	f (mm)	n-d	H (mm)	A (mm)	H1 (mm)	M (mm)
BT-1510-040-RF	40	1 ½"	150	110	84	19	3	4-19	187	224	121	122
BT-1510-050-RF	50	2"	165	125	99	19	3	4-19	214	273	177	146
BT-1510-065-RF	65	2 ½"	185	145	118	19	3	4-19	214	273	177	146
BT-1510-080-RF	80	3"	200	160	132	19	3	8-19	244	283	177	156
BT-1510-100-RF	100	4"	220	180	156	19	3	8-19	270	302	177	173
BT-1510-125-RF	125	5"	250	210	184	19	3	8-19	323	353	177	226
BT-1510-150-RF	150	6"	285	240	211	19	3	8-23	323	353	177	226
BT-1510-200-RF	200	8"	340	295	266	20	3	12-23	401	433	222	280
BT-1510-250-RF	250	10"	405	355	319	22	3	12-28	450	491	222	340

Note: Information listed might be subject to change without notice due to continuing products development.

BLAZETECH SYSTEMS LTD.



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Disclaimer: Images shown are for illustration purposes only. Actual products may vary in appearance and specification. Specifications are subject to change without notice.

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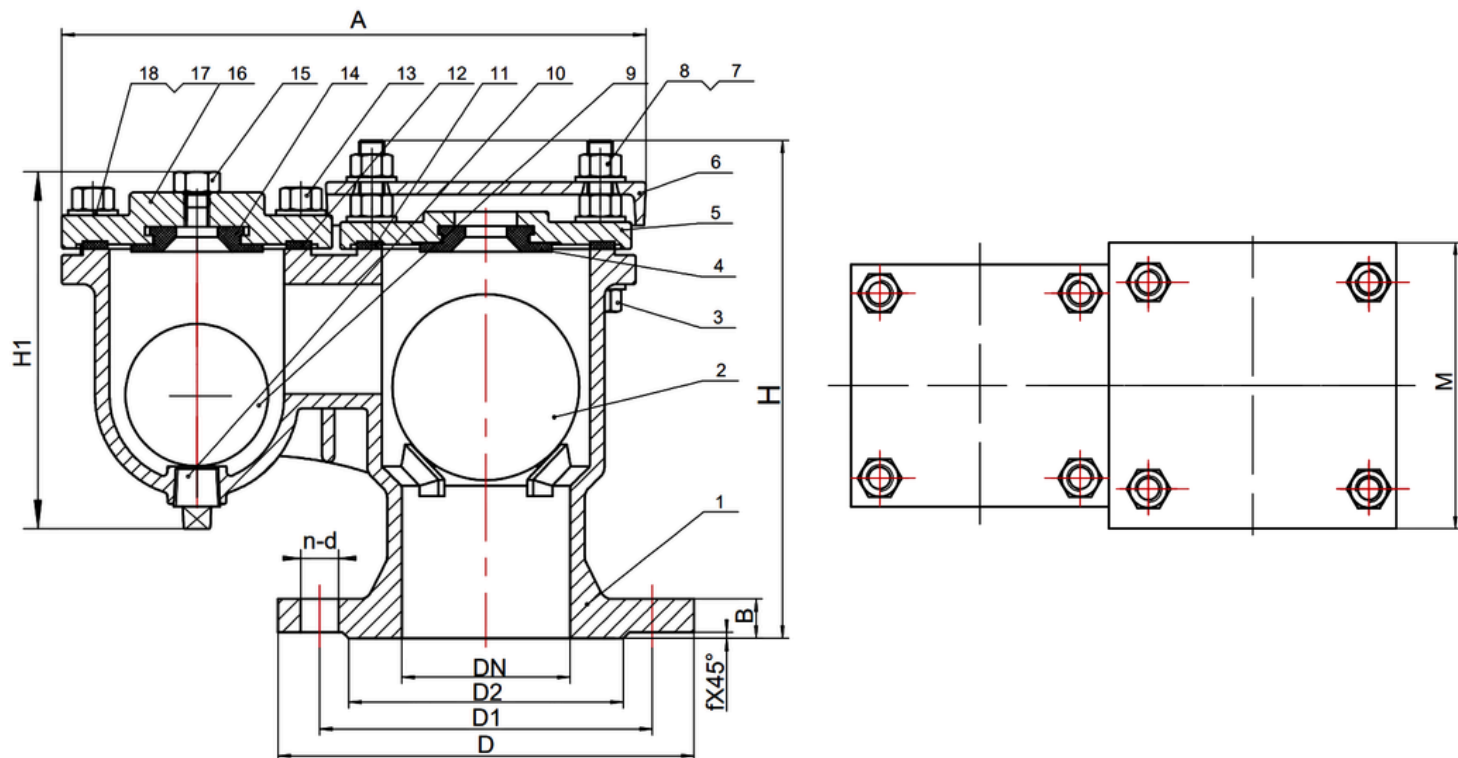
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Material Specification :

NO.	Name of part	Material	British standard
1	Float Ball	Ductile Iron	BS 2789 Gr500-7
2	Screw	Plastic ABS	ISO 2580
3	Bolt	Steel	BS970 43A
4	Ball Seal Large Orifice	EPDM	BS2494 Type W
5	Large Orifice Cover	Ductile Iron	BS 2789 Gr500-7
6	Dust cap	Ductile Iron	BS 2789 Gr500-7
7	Nut	Steel	BS970 43A
8	Washer	Steel	BS970 43A
9	Float Ball	Plastic ABS	ISO 2580

NO.	Name of part	Material	British standard
10	Screw Plug	Brass	BS1400 PCB1
11	Ball Seal Large Orifice	EPDM	BS2494 Type W
12	Gasket	Ductile Iron	BS2494 Type W
13	Bolt	Steel	BS970 43A
14	Sealed Orifice	EPDM	BS2494TypeW
15	Screw Plug	Brass	BS1400 PCB1
16	Small Orifice Cover	Ductile Iron	BS 2789 Gr500-7
17	Nut	Steel	BS970 43A
18	Washer	Steel	BS970 43A

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