



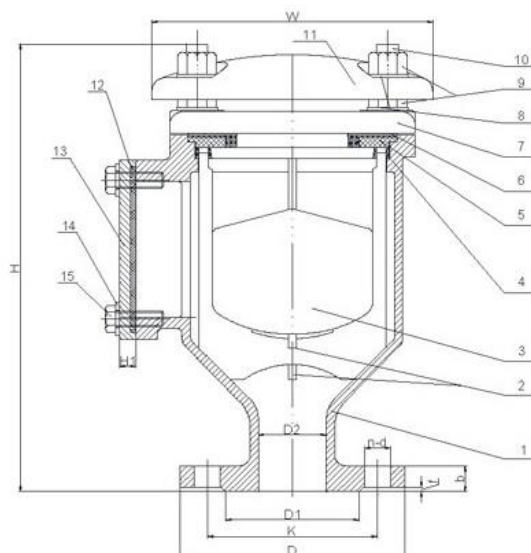
LUOKAI
WE MAKE FLOW BETTER

Single Big Orifice Air Valve



Technical Specifications

1. Design according to BS EN1074-4: 2000, BS5163:2004
2. Flanged ends: EN 1092-2: 1997
3. Test according to EN 12266-1: 2012
4. Working pressure: 16bar
5. Hydraulic test: 1.5PN (25bar)
6. Leakage test: 1.1PN (18bar)
7. Applicable medium: water, neutral oil
8. Applicable temperature: $\leq 80^{\circ}\text{C}$
9. Interior and exterior fusion bonded powder epoxy resin with minimum dry film thickness of 250 microns
10. Special: WRAS approved



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Main Parts and Materials

No.	Part Name	Material	Standards	
1	Body	Ductile Iron	EN1563-GJS-450	BS2789
2	Float Guide	ABS		
3	Float	ABS		
4	Support	ABS		
5	Seat Ring	EPDM	EN681-1	BS2494
6	Seat Support	ABS		
7	Cover	Ductile Iron	EN1563-GJS-450	BS2789
8	Washer	Carbon Steel	EN ISO7089	BS4320
9	Nut	Carbon Steel	EN ISO4082	BS3692
10	Hexagon Bolt	Carbon Steel	EN ISO4017	BS3692
11	Cowl	Ductile Iron	EN1563-GJS-450	BS2789
12	O-Ring	EPDM	EN681-1	BS2494
13	Side Plate	Ductile Iron	EN1563-GJS-450	BS2789
14	Washer	Carbon Steel	EN ISO7089	BS4320
15	Hexagon Bolt	Carbon Steel	EN ISO4017	BS3692

Main Connection Dimensions

DN	H	H1	D	K	D1	D2	h-d	b	f	W	Weight/Kgs
40	329	12	150	110	84	40	4-19	19	3	206	18.3
50	329	12	165	125	99	50	4-19	19	3	206	18.3
65	329	12	185	145	118	65	4-19	19	3	206	19.8
80	329	12	200	160	133	80	8-19	19	3	206	20.3
100	413	12	220	180	156	100	8-19	19	3	280	30.0
150	413	12	285	240	211	150	8-23	19	3	280	32.5
200	413	12	340	295	266	150	12-23	20	3	280	36.3
250	413	12	405	355	319	150	12-28	22	3	280	42.2
300	413	12	460	410	370	150	12-28	24.5	4	280	51.2