



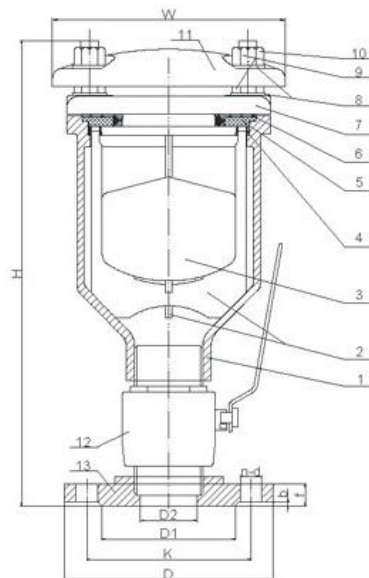
LUOKAI
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Large Single Orifice Air Valve BS EN1074-4 with Isolation Valve



Technical Specifications

1. Design according to BS EN1074-4: 2000
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
8. Applicable temperature: $\leq 80^{\circ}\text{C}$
9. Interior and exterior fusion bonded powder epoxy resin with minimum dry film thickness of 305 microns
10. Special: WRAS approved





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 ISO 7089	BS4320
9	Nut	Carbon Steel	EN ISO 4032	BS3692
10	Hexagon Bolt	Carbon Steel	EN ISO 4014	BS3692
11	Cowl	Ductile Iron	EN1563-GJS-450	BS2789
12	Isolation Valve	Brass	EN12164	BS2874
13	Flange	Ductile Iron	EN1563-GJS-450	BS2789

Main Connection Dimensions

DN	H	D	K	D1	D2	n-d	b	f	W	Weight/Kgs
50	413	165	165	99	50	4-19	3	19	206	16.7
60	413	175	135	108	50	4-19	3	19	206	17.0
65	413	185	145	118	50	4-19	3	19	206	17.3
80	413	200	160	132	50	4-19	3	19	206	17.7