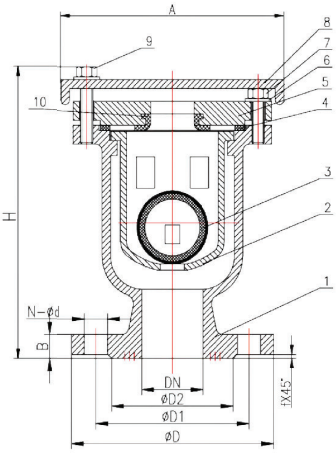
SINGLE SPHERE AIR VALVE - FLANGE TYPE
MODEL FIG072



PRODUCTION STANDARDS

MODEL FIG072 I DN50 - DN150
PN10 - PN16

Design	ISO Standard
Face to Face	API 609. BS EN558. DIN3202
Flange	ANSI B16.5/BS 4504/EN 1092-2

Performance Specification		
Nominal Pressure	1.6MPa	2.5MPa
Suitable Medium	Water	
Test Pressure Shell	24.0 Bar	37.5 Bar
Test Pressure Seat	17.6 Bar	27.5 Bar
Working Pressure	≤ 80ºC	

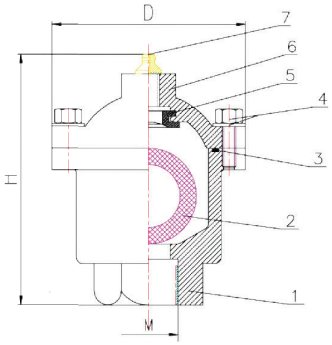
MATERIAL SELECTION

No	Name	Qty	Material
1	Body	1	GGG50
2	Cup	1	GGG50
3	Floating Ball	1	ABS OR EPDM
4	Seal	1	EPDM
5	Cover	1	GGG50
6	Gasket	3	A2-70
7	Bolt	3	A2-70
8	Dust Cover	1	GGG50
9	Bolt	3	A2-70
10	Seal Ring	1	EPDM

DIMENTIONS

DN	A	ØD		ØD1		ØD2		f	N-Ød		B		H
		PN16	PN25	PN16	PN25	PN16	PN25		PN16	PN25	PN16	PN25	
DN50	182	Ø165	Ø165	Ø125	Ø125	Ø99	Ø99	3	4-Ø19	4-Ø19	19	19	231
DN65	182	Ø185	Ø185	Ø145	Ø145	Ø118	Ø118	3	4-Ø19	4-Ø19	19	19	231
DN80	237	Ø200	Ø200	Ø160	Ø160	Ø132	Ø132	3	8-Ø19	8-Ø19	19	19	289
DN100	237	Ø220	Ø235	Ø180	Ø190	Ø154	Ø156	3	8-Ø19	8-Ø23	19	19	289
DN125	195	Ø250	Ø270	Ø210	Ø220	Ø184	Ø188	3	8-Ø19	8-Ø28	19	19	350
DN150	295	Ø285	Ø300	Ø240	Ø250	Ø210	Ø218	3	8-Ø23	8-Ø28	19	20	350

THREAD AIR VALVE
MODEL FIG071



MATERIAL SELECTION

No	Name	Qty	Material
1	Body	1	GGG50
2	Ball Float	1	ABS
3	O ring	1	NBR
4	Bolt	-	A2-70
5	Seal Ring	1	EPDM
6	Bonnet	1	GGG50
7	Glib Tongued	1	Brass

M	D	H
1/2"-3/4"	Ø88	120
1"-1 1/4"	Ø105	145
1 1/2" - 2"	Ø128	172