

DOUBLE HINGE FLAP VALVE

FIGURE 5000



Metal seat double hinge flap valve with circular aperture to prevent reverse flow in outfall applications. Typically utilised in river, surface/ storm water and treatment works.

FEATURES

- Unique lightweight ductile iron design
- Double hinge for optimal sealing
- Durable fusion bonded epoxy coated
- Anti-tamper stainless steel hinge pins
- Bush hinge links
- Corrosion resistant construction
- Lifting eye as standard
- Drilled to suit flange & wall mounting



TECHNICAL SPECIFICATION

RANGE	DN80 to DN600
FLANGES AND DRILLINGS	BS EN 1092-2 1987 Table 9 (PN16)
MAXIMUM WORKING PRESSURE	6.0 metres static on-seat head
COATING	Blue fusion bonded epoxy

MATERIAL AND DIMENSIONAL SPECIFICATION

ITEM	ITEM NAME	MATERIAL	SPECIFICATION
1	Door	Ductile Iron	BS EN 1563 Gr 500/7
2	Door Seat	Copper Alloy	BS EN 1982
3	Frame Bush	Polytetrafluorethylene	-
4	Frame	Ductile Iron	BS EN 1563 Gr 500/7
5	Hinge Pin	Stainless Steel	BS EN 1982
6	Hinge	Ductile Iron	BS EN 1563 Gr 500/7
7	Star Lock	Stainless Steel	BS EN 1982
8*	Hinge Bush	Polytetrafluorethylene	-

* Hinge Bush not shown

DN	A	B	C	PCD	HOLES (No. - Ø)	WEIGHT (Kg)
80	200	225	125	160	4 - 17	5
100	220	245	135	180	4 - 18	6
150	285	315	172	240	4 - 22	11
200	332	368	202	295	4 - 22	16
225* (9")	368	404	220	324	4 - 18	20
250	400	438	238	355	4 - 26	23
300	454	495	268	410	4 - 26	32
350	550	588	313	470	4 - 26	34
375* (15")	550	588	313	495	4 - 25	34
400	580	612	322	525	4 - 30	49
450	585	635	360	585	4 - 31	56
500	600	692	392	650	4 - 34	68
600	730	815	450	770	3 - 37	93

Dimensions in mm. Weights are approximate.

*Drilled BS10 Table D. DN = Nominal Valve Size. Larger sizes are available on request.

