

Application

The primary application of flap valves is surface water drainage associated with rivers, estuaries and sea water outfalls to prevent reverse flow conditions. Flap valves can be utilised on final e effluent outfalls for sewage treatment plant to prevent flood damage within the works.

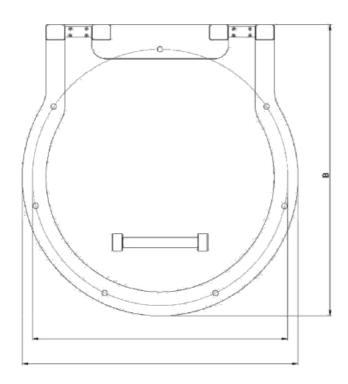
Installation

Installation of the flap valve can be done with

M10 chemical anchor or with impact anchors.

Why HDPE?

1	HDPE	Cast Iron	Stainless Steel
Durable	$\sqrt{}$	$\sqrt{}$	\checkmark
Weight	1x	8x	8x
Low headloss!	$\sqrt{}$		



HDPE Flap Valves



Materials

Frame	HDPE - 300	
Valve	HDPE - 300	
Sealing	EPDM	
Valve axle	Stainless Steel AISI 316	
Bolts and nuts	Class A4	

Dimensions

Flow Section	Α	В	С	Weight (kg)
400	660	660	600	7
500	760	760	700	9
600	860	860	800	12

Pressure

Flow Section Max Pressure 400 0.6

Bar (6 meter water column) **500** 0.4 Bar (4 meter water column)

600 0.3 Bar (3 meter water column)