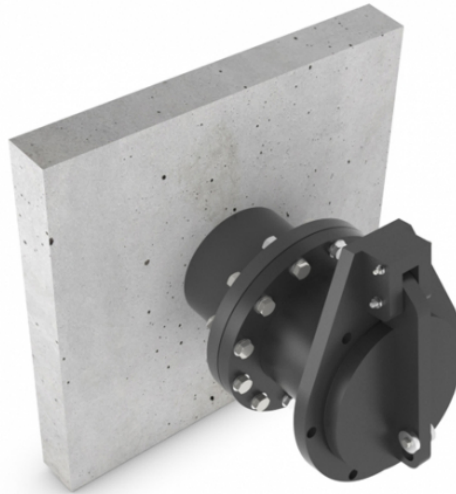


## HDPE FLAP VALVE, FLANGE CONNECTION 10° ANGLE, Ø100 - Ø2000 MM. ATK-F



Flange mounted HDPE Flap Valve ATK-F.  
Opening Ø100 mm - Ø2000 mm. 5 M.w.c. On seating.

This HDPE non-return valve is mostly installed partly or completely submerged (in surface water / sewage / in case of emergency / flood protection), regulating a water flow in a single direction and preventing any back flow. To be applied practically in all kinds of environments with free flow / gravitation.

**The flap valve is hung at a 10 degree angle to ensure a water tight seal. This version is suitable for flange mounting. Standard PN10 drillings. Other drillings on request.**

Standard water pressure will be 1 M.w.c. from top of culvert on seating long duration (50 years).  
5 M.w.c. from invert level on seating short duration (72 hours)

Freedrain flap valves with stainless steel hinge pins are equipped with HDPE ribs. Bigger



dimensions shall be reinforced with stainless steel U-profiles. They can also be manufactured in a custom made size or shape (square /rectangular), or designed to suit other operating water pressures.

Materials used:

- HDPE
- SS316L
- EPDM sealing

Advantages of the Freedrain flap valve:

- Design life of 50 years
- First class materials used
- Maintenance free
- Fast opening moment, so no accumulation of dirt in the pipe
- Light weight and easy handling.
- Easy to adjust design for custom made requirements.
- High UV protection
- Easy replaceable Lip seal

**SKU:** 670ATK-F | **Category:** [Flap Valves](#) | **Tags:** [Flap Valve](#), [Flood protection](#), [HDPE](#), [Light Weight](#), [Stainless steel](#)

## VARIATIONS

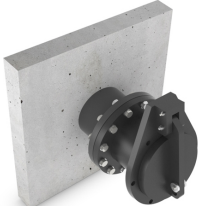
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	670ATK0250F			250



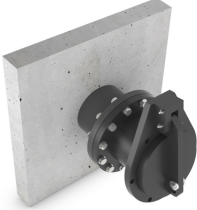
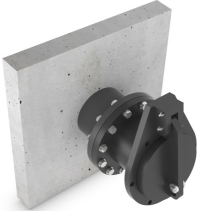
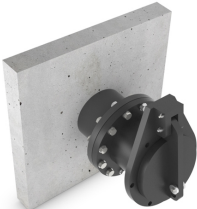
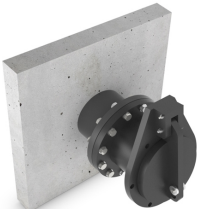
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	670ATK0150F			150
	670ATK0125F			125
	670ATK0100F			100



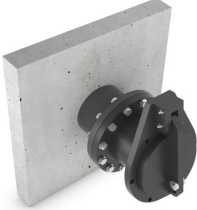
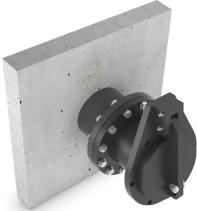
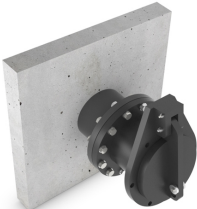
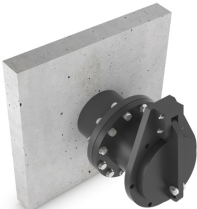
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	670ATK0400F			400
	670ATK1300F			500
	670ATK0600BS-1			600



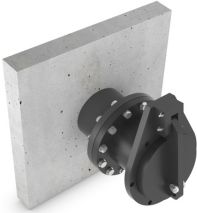
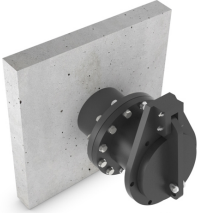
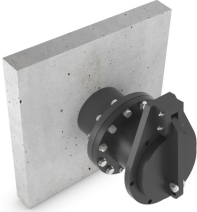
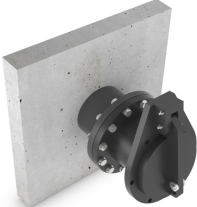
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	670ATK0800F			800
	670ATK0900F			900
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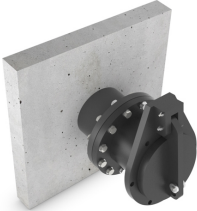
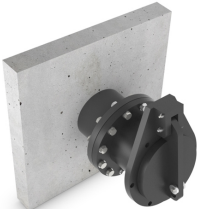
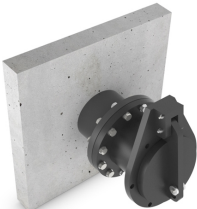
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	670ATK1200F			1200
	670ATK1400F			1400
	670ATK1500F			1500



Image	SKU	Price	Description	Diameter Ø
	670ATK1600F			1600
	670ATK0500F			1800
	670ATK2000F			2000

## PRODUCT DESCRIPTION

Flange mounted HDPE Flap Valve Type ATK-F

[Download product sheet](#)

Type	ATK-F
Material flap valve door	HDPE, High Density Polyethylene
Material frame plate	HDPE, High Density Polyethylene
Material Hinges	Stainless steel 316L 1.4404



Material Sealing flap valve door	EPDM, Ethylene Propylene Diene Monomer
Material Sealing frame plate	Neoprene
Material ballastweight	Stainless steel 316L 1.4404
MWC	1-5 mwc
Opening	Ø 100 - Ø 2000 mm.
Options	Other flange drillings on request

Modifications and errors reserved.





## ADDITIONAL INFORMATION

**Diameter Ø**

100, 125, 150, 200, 250, 300, 400, 500, 600, 700, 800, 900, 1000,  
1100, 1200, 1400, 1500, 1600, 1800, 2000