

HDPE FLAP VALVE, WALL MOUNTED 10° ANGLE, Ø100 - Ø2000 MM. ATK-A



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

This HDPE non-return valve is installed mostly above the waterline (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.

**This version is wall mounted at a 10 degree angle to ensure a water tight seal.
Mounting accessoires are optional.**

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

VARIATIONS


Image	SKU	Price	Description	Diameter Ø
	670ATK0200A			200



Image	SKU	Price	Description	Diameter Ø
	670ATK0250A			250
	670ATK0300A			300
	670ATK0400A			400
	670ATK0500A			500






Image	SKU	Price	Description	Diameter Ø
	670ATK0600A			600
	670ATK0700A			700
	670ATK0800A			800
	670ATK0900A			900



Image	SKU	Price	Description	Diameter Ø
	670ATK1000A			1000
	670ATK1100A			1100
	670ATK1400A			1400
	670ATK1500A			1500



Image	SKU	Price	Description	Diameter Ø
	670ATK1600F-1			1600
	670ATK1800A			1800
	670ATK2000A			2000

PRODUCT DESCRIPTION

Wall mounted 10 degree, HDPE Flap Valve Type ATK-A

[Download product sheet](#)

Type	ATK-A
Material flape 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	Mounting accessoires

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