

# Catalog



## Hydrovalves > 350 series Backwash



### DESCRIPTION:

#### Application

- 3 ways backwash valves

#### Specifics

- Hydraulic drive valve by network pressure
- Hydraulically controlled on/off
- Hydraulic piston controlled by double chamber actuator
- Polyamide body valve
- Low pressure irrigation
- Long-term duration, chemical products resistant
- Low load losses

#### Features

- Protected membrane cloggings
- Easy inspection and maintenance
- The valve body ensures a hydraulic path free from cloggings
- Tee structure for an easy installation

#### Materials

- Body: polyamide/metal
- Cap: acetal copolymer
- Diaphragm: nylon reinforced NBR
- Spring: stainless steel
- Axis: stainless steel
- Cap bolts: steel



2" x 2"



Victaulic 3"



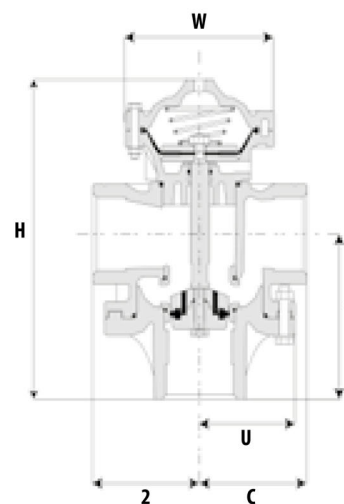
Victaulic 3" x 2"



Victaulic 4"

Base hydrovalve			Manual selector			24V AC electric command			9V DC Latch electric command		
Ø	Mat.	Code	Ø	Mat.	Code	Ø	Mat.	Code	Ø	Mat.	Code
2" x 2"	plastic	FERB350	2" x 2"	plastic	FERB360	2" x 2"	plastic	FERB370	2" x 2"	plastic	FERB375
Victaulic 3"	plastic	FERB351	Victaulic 3"	plastic	FERB361	Victaulic 3"	plastic	FERB371	Victaulic 3"	plastic	FERB376
Victaulic 4"	plastic	FERB354	Victaulic 4"	plastic	FERB364	Victaulic 4"	plastic	FERB374	Victaulic 4"	plastic	FERB379
Victaulic 3" x 2"	metal	FERB353	Victaulic 3" x 2"	metal	FERB363	Victaulic 3" x 2"	metal	FERB373	Victaulic 3" x 2"	metal	FERB378

Dimensions	2"x2"-P	3"x3"-P	3"x2"-CC	4"x4"-P
H [mm]	274,0	378,0	302,5	464,0
C [mm]	90,0	143,5	120,0	138,5
2 [mm]	90,0	143,5	96,0	178,5
W [mm]	126,0	160,5	160,5	150,0
1 [mm]	127,0	189,0	105,0	225,0
U [mm]	80,0	96,0		130,0
Peso [kg]	2,7	5,1	9,0	9,9



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**KV FLOW-RATE FEATURE  
(M<sup>3</sup>/H AT 1 BAR LOAD LOSS)**

			2"x2"- P	3"x3"- P	3"x2"- DC	4"x4"- P
	filtration 1-C	Kv	52	110	120	225
	washing C-2	Kv	48	100	60	205
	filtration 2-C	Kv	46	93	-	190
	washing C-1	Kv	60	122	-	250

**AVAILABLE FITTINGS**

Ø	Porta C	Porta 2	Porta 1
• 2"x2"	• threaded 2" Victaulic 2" (with adapters)	• threaded 2" Victaulic 2" (with adapters)	• threaded 2" Victaulic 2" (with adapters)
• 3"x3" • 3"x3"/2"	• Victaulic 3"	• Victaulic 3"	• Victaulic 3" • grooved 3" x Int. threaded 2"
• 3"x3"/2"DC	• Victaulic 3"	• grooved 3" x Int. threaded BSP 2"	• Victaulic 3"
• 4"x4" • 4"x4"/3"	• Victaulic 4"	• Victaulic 4"	• Victaulic 4" • grooved 4" x Int. threaded 3"

Valves

