

BERMAD Irrigation



Filter Backwash Hydraulic Valves

350 Series

IR 3"x3" 350-55 A I P VI PG 4AC PB Z

size	
2"x2"	DN50x50
3"x3"/2"DC ⁽¹⁾	DN80x80/50
3"x3"	DN80x80
3"x3"/2" ⁽²⁾	DN80x80/50
4"x4"/3" ⁽³⁾	DN100x100/80

- (1) ■ 3"x3"/2"DC (Double chamber) dimensions are the same as old version 3"x2" single chamber
- Angle flow only: Port 2 (drain) is 3" grooved and 2" female threaded
- Cast Iron only
- (2) ■ Angle flow: Port 2 (drain) is 3" grooved and 2" female threaded (Cast Iron only)
- Straight flow: Port 1 (drain) is 3" grooved and 2" female threaded (Cast Iron or Plastic)
- (3) ■ Single chamber valve
- Angle flow only: Port 2 (drain) is 4" grooved and 3" female threaded (Cast Iron only)

Radial sealing in all valves (2"x2" Brass & 4"x4"/3" Brass - radial sealing only at the Upper seat)

Primary Features	Code
Filter Flushing	350
Filter Flushing, Hydraulic Accelerator Controlled	350-54
Filter Flushing, Solenoid Controlled Valve	350-55

Other primary features available on request.

Pattern / Flow Options	Code
Angle Flow	A
Straight Flow *	S
Angle & Reverse Flow Over Seat	A-O
Straight & Reverse Flow Over Seat *	S-O

* Double Chamber Valves only

Body Material	Code
Brass (2"x2")	R
Cast Iron (3"x3"/2"DC; 3"x3"; 3"x3"/2"; 4"x4"/3")	I
Black Nylon - G.F. (2"x2"; 3"x3"; 3"x3"/2")	P

Drain Connections	Code
BSP Threaded Female	P
NPT Threaded Female	N
Grooved	V

End Connections	Code
Grooved ANSI C 606-81 Steel Pipe	VI
BSP Threaded Female (2"x2")*	BP

Optional 2" Adapters are available on request:

- BSP Male Threaded x Grooved (when Grooved is required).
- BSP Male Threaded x NPT Female Threaded (when NPT is required).

Coating	Code
Polyester Green RAL 6017	PG
Polyester Red RAL 3000	PR
Polyester Blue RAL 5010	PB
Epoxy FB Blue RAL 5005	EB
Uncoated	UC

Voltage Main Valve Position	Code
24VAC - Normally Closed	4AC
24VAC - Normally Open	4AO
24VDC - Normally Closed	4DC
24VDC - Normally Open	4DO
12VDC - Normally Closed	1DC
12VDC - Normally Open	1DO
12VDC - Latch Solenoid S-985 (3 Leads)	1DS
12VDC - Latch Solenoid S-982 (2 Leads)	2DS
9VDC - Latch Solenoid	9DS

Other electrical ratings available on request.

Tubing & Fittings	Code
Plastic Tubing & Fittings	PP
Plastic Reinforced Tubing & Brass Fittings	PB
Copper Tubing & Brass Fittings	CB

Additional Attributes Unlimited Selection	Code
Special Elastomers for Seals & Diaphragm	E
Metal Control Accessories	R
Stainless Steel 316 Seat	T
Manual Selector	Z
Plastic Gauge Test Point	5

Other additional attributes are optional. Please consult Customer Service for further information.

