

BERMAD Irrigation



Double Chamber Hydraulic Control Valves

300 Series

IR 2" 320 55 Y PP BP 3W PCP 4AC PP M

Size	
1½"	DN40 (Brass or Plastic)
2"	DN50 (Brass)
3"	DN80 (Cast Iron-Green)

Primary Features	Code
Basic Valve (Double-Chambered)	300
Basic Valve (Single-Chambered)	305
Solenoid Controlled Valve	310
Pressure Reducing Valve	320
Pressure Sustaining Valve	330
Quick Pressure Relief Valve	33Q
Level Control Valve	350

Other primary features available on request.

Additional Features	Code
No Additional Features	00
Check Feature	20
Hydraulic Relay	50
Normally Closed with Hydraulic Relay	54
Solenoid Controlled	55
Modulating Horizontal Float	60
Bi-Level Electric Float	65
Normally Closed (Hydraulic)	NC

Pattern	Code
Oblique	Y
Oblique Plastic (1.5")	YP
Angle (2")	A

Cover Material	Code
Plastic	P

End Connections		Code
Threaded	BSP Female Threaded (1½"-3")	BP
	NPT Female Threaded (1½"-3")	NP
Flanged	BST-D	BD
	ISO 14 (ISO 10/4 Holes)	14
	ANSI 125	A1
	ABNT 10	B1

Control Type	Code
2-Way	2W
3-Way	3W
2/3-Way	2/3W

Mini Pilot Material	Code
Plastic	PCP (Standard)
Metal	PCM

Voltage-Main Valve Position (When Solenoid De-Energized)	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

Other tubing and fittings available on request.

Additional Attributes Unlimited Selection	Code
Servo (2/3-Way Control Loop)	b
3-Way Control Loop	X
Metal Control Accessories	R
Double-Chambered (Active)	B
Special Elastomers Seals & Diaphragm	E
Auxiliary Closing Spring	K
External Control Pressure	e
Lifting Spring	L
Flow Stem	M
Flow Over-the-Seat	O
Industrial Internal Trim (S.S. Trim 3")	T
Orifice Assembly	U
Conic Throttling Disc	V
"Y" Control Strainer	Y
Drain & Anti-Freeze Valve	f
Manual Selector	Z
Low Preset Pressure (below 2 bar)	2
Plastic Pressure Test Point	5
Pressure Gauge (Loose)	6

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

