IR | 3” | 420 | 55 | 00 | G | I

IR	Code
Irrigation	IR

Size		
¾”	DN20	On/Off
1”	DN25	
1½”	DN40	
2”	DN50	
2½”	DN65	
3”R	DN80R	
3”	DN80	
4”	DN100	
5”R	DN125R	
6”	DN150	
6”R	DN150R	
8”	DN200	
10”	DN250	Ductile Iron
12”	DN300	
14”	DN350	

Primary Features	Code
Basic Valve	405
Solenoid Controlled Valve	410
Electronic Control Valve	418
Pressure Reducing Valve	420
Pressure Reducing & Sustaining Valve	423
Pressure Reducing with Flow Limiter	42F
Pressure Sustaining Valve	430
Surge Anticipating Valve	435
Differential Pressure Sustaining Valve	436
Pressure Sustaining with Flow Limiter	43F
Quick Pressure Relief Valve	43Q
Level Control Valve	450
Level Control & Pressure Sustaining Valve	453
Level & Flow Control Valve	457
Flow Control Valve	470
Flow Control & Pressure Reducing Control Valve	472
Flow Control & Pressure Sustaining Control Valve	473
Flow Control, Pressure Reducing & Sustaining Valve	475

Other primary features available on request.

Additional Features (Multiple Choices Permitted)	Code
No Additional Feature	00
Closing and Opening-Speed-Control	03
Accelerated Closing	04
Hydraulic Override	09
Electronic Control	18
Check Feature	20
Solenoid Controlled & Check Feature	25
Two-Stage Opening	30
Two-Stage Opening & Electric Control	35
Relief Override	3Q
Electrically Selected Multi-Level Setting	45
Downstream Over Pressure Guard	48
Closing Surge Prevention	49
Hydraulic Relay	50
Normally Closed with PC Hydraulic Relay	54X
Solenoid Controlled	55
Electric Override	59
Modulating Horizontal Float	60
Bi-Level Electric Float	65
Bi-Level Vertical Float	66

Other additional features available on request.

Pattern	Code
Globe	G
Angle (2”-4”)	A

Construction Materials	Code
Cast Iron (up to 8”)	I
Ductile Iron	C

Other materials available on request.

BERMAD Irrigation

400 Series - Ordering Guide

400 Series

I6 | PG | 4AC | PP | XZ5

End Connections			Code
Threaded	BSP Female Threaded	¾”-3”	BP
	NPT Female Threaded		NP
Flanged	ISO-10		10
	ISO-16		16
	IS 14 (ISO 10/4 Holes, 3”)		14
	ANSI-125		A1
	ANSI-150		A5
	BST-D		BD
	JIS-10		J1
	ABNT-10		B1
	ABNT-16		B6
Grooved	ANSI C 606-81, Steel Pipe (Globe - 2”, 3”, 4”,6” & 8”)		VI

Other end connections available on request.

Coating	Code
Polyester Green RAL 6017	PG

Voltage-Main Valve Position (When Solenoid De-Energized)	Code
24VAC, with Diode - Normally Closed	4AC
24VAC, with Diode - Normally Open	4AO
24VAC - Last Position	4AP
24VAC - Normally Closed	4RC
24VAC - Normally Open	4RO
24VDC - Normally Closed	4DC
24VDC - Normally Open	4DO
24VDC - Last Position	4DP
12VDC - Normally Closed	1DC
12VDC - Normally Open	1DO
12VDC - Last Position	1DP
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
Servo (2/3-Way Control Loop)	b
3-Way Control Loop	X
Plastic Control Accessories	K
Metal Control Accessories	R
External Control Pressure	e
EPDM Elastomers Seals & Diaphragm	E1
Viton Elastomers Seals & Diaphragm	E2
Large Control Filter	F
Drain & Anti-Freeze Valve	f
Valve Position Indicator *	I
Flow Stem *	M
Electric Limit Switch *	S
Orifice Assembly	U
Paddle Flow Control Pilot	V
Manual Selector	Z
Low Preset Pressure (below 2 bar)	2
High Upstream Pressure (above 10 bar)	3
Plastic Pressure Test Point	5
Pressure Gauge	6

* Standard Irrigation Cover & Diaphragm are not suitable for Attributes I, M, S.

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