



Sector	Code
Waterworks	WW
Buildings & Construction	BC

Size	Code
EN Design	
1 1/2", DN40	1 1/2"
2", DN50	2"
3", DN80	3"
ES Design	
2", DN50	2"
3", DN80	3"
4", DN100	4"

Type	Code
High Flow Capacity	EN
Normal Flow Capacity	ES

Pattern	Code	Construction Material	Code
Oblique	Y	Nylon Glass Reinforced	Q

End Connection			Code
Valve Body Only			
Threaded	EN: 1 1/2", 2", 3"	BSP.T Female	BP
	ES: 2", 3"	NPT Female	NP
Adaptors on Threaded Body			
Grooved*	EN: 2", 3"	BSP.T Female	VV
	ES: 2", 3", 4"	NPT Female	VN
Flanged** (Metal Flange)	EN: 3"	BSP.T Female	CC
	ES: 3", 4"	NPT Female	CN

Primary Feature	Code
Basic Valve (Single-Chambered Hydraulic Actuator)	1005
Solenoid Controlled Valve	1010
Electronic Control Valve	1018
Pressure Reducing Valve	1020
Pressure-Reducing & Sustaining Valve	1023
Differential Pressure-Reducing Control Valve	1026
Pressure Sustaining Valve	1030
Pressure-Relief Valve, Quick Type	1030
Differential Pressure - Sustaining Valve	1036
Level Control Valve	1050
Level Control Valve & Pressure Sustaining Control	1053
Flow Control Valve	1070
Flow Control & Pressure Reducing Valve	1072

*Other primary features available on request.

Additional Feature (Multiple Options Permitted)	Code	
No Additional Feature	00	
Closing and Opening Speed Control	03	
Hydraulic Override	09	
High Sensitivity Pilot	12*	
Electronic Control	18	
Check Feature	20	
Pressure Reducing	22	
Pressure Sustaining	33	
Relief Override	30	
Closing at Pressure Rise	41	
Downstream Over Pressure Guard	48	
Closing Surge Prevention	49	
Motorized Pilot	45	
2-Way Hydraulic Relay	50	
3-Way Hydraulic Relay	54	
Solenoid Controlled	55	
Electric Override	59	
w/o Electric Float (65)	6E	
w/o Hydraulic Float (60/67)	6H	
Modulating Horizontal Float	60	
Bi-Level Electric Float	65	
Bi-Level Vertical Float	66	
Modulating Vertical Float	67	
Level Control valve Options	Altitude Pilot	80 ¹
	Modulating Altitude Pilot	82 ¹
	Sustaining Altitude Pilot	83 ¹
	Bi-Level Altitude Control	86 ¹
Setting Range	Altitude Control with Bi-Directional Flow	87 ¹
	2-8 meter; 7-26 feet	M1
	2-14 meter; 7-46 feet	M6
	5-22 meter; 17-72 feet	M5
	15-35 meter; 49-115 feet	M4
25-70 meter; 82-230 feet	M8	
Hydraulic Positioning	85	
Closing at Downstream Pressure Drop	91	
Panel Mounted Control	L1	

Valve Compatibility	Code
Potable Water European and NSF-61/372	P2
Potable Water Australian	P3
Unregistered	P0

Compliance subjected to model specification and registration, see product page or consult Bermad for more information

1) Select Setting Range
 2) Other additional features available on request.
 3) Some models require Panel Mounted Control.



UC	46C
Coating	Code
Uncoated	UC

Voltage	Main Valve Position (When Solenoid De-energized)	Code
24VAC/50Hz	- Normally Closed	4AC
24VAC/50Hz	- Normally Open	4AO
24VAC/50Hz	- Last Position	4AP
24VAC/60Hz	- Normally Closed	46C
24VAC/60Hz	- Normally Open	46O
24VAC/60Hz	- Last Position	46P
24VDC	- Normally Closed	4DC
24VDC	- Normally Open	4DO
24VDC	- Last Position	4DP
24VDC	- Latch Solenoid	4DS
220VAC/50-60Hz	- Last Position	2AP
220VAC/50-60Hz	- Normally Closed	2AC
220VAC/50-60Hz	- Normally Open	2AO
220VDC	- Normally Closed	2DC
220VDC	- Normally Open	2DO
220VDC	- Latch Solenoid	2DS
110VAC/50-60Hz	- Normally Closed	5AC
110VAC/50-60Hz	- Normally Open	5AO
110VDC	- Normally Closed	5DC
110VDC	- Normally Open	5DO
110VDC	- Latch Solenoid	5DS
12VDC	- Normally Closed	1DC
12VDC	- Normally Open	1DO
12VDC	- Last Position	1DP
12VDC	- Latch Solenoid	1DS

PA	nHR
Tubing & Fittings	Code
Polypropylene Tubing and Acetal Fittings	PA
St. St. 316 Tubing & Fittings	NN
Copper Tubing & Brass Fittings	CB
Plastic Reinforced Tubing & Brass Fittings	PB

Additional Attributes (Multiple Options Permitted)	Code
In-Line Filter	C
Differential Pressure Duct (2"EN - 4"ES)	D
Large Control Filter	F
St.St. 316 All Control Accessories	N
Y Control Filter	Y
Flow Over The Seat	O
Pressure Switch	P
St.St. 316 Internal Spring	T
Differential Flow Sensor (Orifice)	U
3-Way Control	X
3 Position Manual Control Selector	Z
Pressure Separator	d
External Control Pressure	e
Pitot Tube	j
St.St.316 Small Control Accessories (Check/Needle/"Y" Filter)	n
Trim Isolation Ball Valves	h
Pressure Gauges	6
Double Pressure Gauge	66
St.St. Pressure Gauge	6n
Double St.St. Pressure Gauges	6n6n
Horizontal Installation, Left Side Circuit (Standard)	HL
Horizontal Installation, Right Side Circuit	HR
Vertical Installation, Left Side Circuit	VL
Vertical Installation, Right Side Circuit	VR