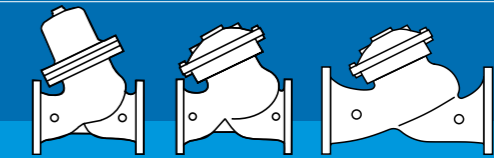


BERMAD Buildings & Construction - Ordering Guide



700 & 800 Series

BC - **2"** - **750** - **00** - **65** - **P2** - **Y** - **C** - **VI** - **EB** - **4AC** - **NN** - **NV**

Sector	Code
Buildings & Construction	BC

Size	Code
1 1/2" DN40	DN50
2" DN50	DN65
2 1/2" DN65	DN80
3" DN80	DN100
4" DN100	DN150
6" DN150	DN200
8" DN200	DN250
10" DN250	DN300
12" DN300	DN350

Up to DN1200, 48" available for [Water Works applications](#).

Series	Code
Sigma EN	EN
Sigma ES	ES
Classic	00

Pattern	Code
Oblique	Y
Angle	A

Construction Material	Code
Ductile Iron	C
Stainless Steel 316	N
Cast Iron	S
Nickel Aluminum Bronze	U

Pressure Rating & End Connection	Code
Up to 250 PSI / PN16	
Grooved	ANSI C606
	BS 1378
	ISO-16
	ABNT16
	ANSI 150 - RF
	AST-*
Flanged	BST-D
	JIS-16
	BSP
Threaded	NPT
250-400 PSI / PN25	
Grooved	ANSI C606
	BS 1378
	ISO-25
Flanged	ABNT25
	ANSI 300 - RF
	JIS-20
Threaded	BSP
	NPT
For 800 Series Valves	
400 - 600 PSI / PN40	
Grooved	ANSI C606
	BS 1378
	ISO-40
Flanged	ANSI 300 - RF
	BSP
Threaded	NPT

Other Flange Connection Standards Available

Coating	Code
Epoxy Blue	EB
Epoxy Blue with UV Protection	EV
Uncoated	UC

Tubing & Fittings	Code
Copper Tubing & Brass Fittings	CB
Plastic Reinforced Tubing & Brass Fittings	PB
St. St 316 Tubing & Fittings	NN

Additional Attributes (Multiple Selection Permitted)	Code
Double Chambered - Active	B
In-Line Filter	C
S.S 316 Actuator Internal Assembly	D
VITON Elastomers (Seals & Diaphragm)	E2
Large Control Filter	F
High Grade Bearing & Stem	K
Balancing Piston Assembly	G
Valve Position Indicator	I
Lifting Spring	L
Flow Stem	M
S.S.316 All Control Accessories	
Flow Over The Seat	O
Pressure Switch	P
Valve Position Transmitter*	Q
Delrin Bearing	R
Electric Limit-Switch*	S
S.S 316 Internal Trim Closure & Seat	T
Differential Flow Sensor (Orifice)	U
V-Port Throttling Plug	
3W Control	X
3 Position Manual Control Selector	Z
Pressure Separator	d
External Control Pressure	e
St.St.316 Small Control Accessories (Check/Needle/"Y" Filter)	n
Closing Spring	q
PVDF Bearing	r
Pressure Gauges	6
Double Pressure Gauge	66
S.S Pressure Gauge	6n
Double S.S Pressure Gauges	6n6n
Horizontal installation, left side circuit (standard)	HL
Horizontal installation, right side circuit	HR
Vertical-upwards installation, left side circuit	VL
Vertical-upwards installation, right side circuit	VR
Thermal Isolation Ready Trim	HC

Model	Code
Pressure Reducing Valve	720
Pressure Reducing Valve with Off-Peak Flows Bypass	720-2B
Proportional Pressure Reducing Valve	720-PD
Pressure Relief/Sustaining Valve	730
Excessive Pressure Shut Off Valve	794
Quick Pressure Relief Valve	73Q
Pressure Reducing System with Hydraulic Backup Valve	725-H
Pressure Reducing System with Hydraulic Backup Valve, Bypass and Relief Valve	725-B2H
Pressure Reducing System with Electric Controlled Backup Valve (2) (3)	725-E
Pressure Reducing System with Electric Controlled Backup Valve, Bypass and Relief Valve (2) (3)	725-B2E
Level Control	
Level Control Valve (1)	750
Level Control & Pressure Sustaining Valve (1)	753
Pump Applications	
Booster Pump Control Valve (3)	740
Check Valve, Lift Type	70N
Surge Anticipating Control Valve with Solenoid control (3)	735-55
Surge Anticipating Control Valve	735
Pressure Relief/Sustaining Valve	730
Solenoid Controlled Valve (3)	710
Others	
Pressure Reducing Valve with Solenoid Control	720-55
Strainer Stone and Gravel Trap	70F
Basic Valve	705
High Pressure Applications	
Pressure Reducing Valve For high pressure applications	820
Proportional Pressure Reducing Valve For high pressure	820-PP
Pressure Relief/Sustaining Valve For high pressure applications	830
Booster Pump Control Valve For high pressure applications (3)	840
Check Valve, Lift Type For high pressure applications	80N
Strainer Stone and Gravel Trap, For high pressure applications	80F
Basic Valve For high pressure applications	805

Additional Feature	Code
Floats	
Modulating Horizontal Float	60
Bi-Level Electric Float (3)	65
Bi-Level Vertical Float	66
Modulating Vertical Float	67
Set for External Hydraulic Control	6H
Level control by external electric signal (3)	6E
Altitude Pilots	
Altitude Pilot	80
Modulating Altitude Pilot	82
80, 82	2-6 meter; 7-20 feet
	2-14 meter; 7-46 feet (Standard)
	5-22 meter; 17-72 feet
	15-35 meter; 49-115 feet
	25-70 meter; 82-230 feet
Control Features	
Opening and closing Speed Control	03
Solenoid Controlled (2)	55
Check Feature	20
Independent Lift Check	25
Single Cavitation Cage	C1
Double Cavitation Cage	C2

* Multiple selection permitted

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

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

(1) Select float type or altitude pilot
 (2) Electric pressure sensing supplied separately
 (3) Choose Solenoid settings