



IR **3"** **120-DC** **55** **Y**

Size	End Connection	
1½"	DN40 Female Threaded	NEW
2"	DN50 Female Threaded, Male Threaded	NEW
2"L	DN50L Female Threaded	NEW
2½"	DN65 Male Threaded	NEW
3"	DN80 Female Threaded, Flanged, Grooved, Horn	NEW

Primary Features	Code
Basic Valve	100-DC
Solenoid Controlled Valve (Only 3 Way Control)	110-DC
Pressure Reducing Valve (Only 3 Way Control)	120-DC
Proportional Pressure Reducing Valve	120-PD
Pressure Reducing & Sustaining Valve (Only 3 Way Control)	123-DC
Pressure Sustaining Valve (Only 3 Way Control)	130-DC
Quick Pressure Relief Valve (Only 3 Way Control)	13Q
Level Control Valve	150
Level Control & Pressure Sustaining Valve (Only 3 Way Control)	153-DC

Other primary features available on request.

Additional Features	Code
No Additional Features	00
Check Feature	20
Solenoid Control & Check Feature	25
N.O. Hydraulic Remote Control	50
N.C. With Adjustable Hydraulic Relay	54X
N.C. with Hydraulic Relay	54
Solenoid Controlled	55
Modulating Horizontal Float	60
Bi-Level Electric Float	65
Normally Closed (Hydraulic)	NC
Proportional Pressure Reducing	PD

Reduction Ratios		
Valve Size	Reduction Ratio	
1½" & 2"	DN40 & DN50	3.3
2"L, 2½" & 3"	DN50L, DN65 & DN80	2.7

Pattern	Available Sizes	Code
Oblique	All Sizes	Y
Angle	2" & 3"	A
Tee	3"	T
Dual Actuated Tee	3"	D

Construction Materials	Code
Nylon Glass Filled (Standard)	P
Polypropylene (Special Applications - 3"L/4" only)	PP

P **BP** **4AC** **PP** **M**

End Connections - Valve Body only (w/out adaptors)	Code
BSP Female Threaded	BP
NPT Female Threaded	NP
BSP-F, Male Threaded (2" & 2½" ONLY)	BS
Inlet BSP x Outlet(s) Horn (3" Angle / Tee / Dual)	KB
Inlet NPT x Outlet(s) Horn (3" Angle / Tee / Dual)	KN

End Connections - Valve Body with Adaptors***	Code
Plastic Flanges (3")	FF
Plastic Flanges - NPT Threaded Body (3")	FN
Metal Flanges - "Corona" (3")	CC
Metal Flanges - NPT Threaded Body (3")	CN
PVC Inner Adaptors 75mmx3" BSP (3")	BJ
PVC Inner Adaptors 2.5"x3" NPT (3")	NJ
PVC Adaptors 90-110mm, BSP Threaded Body (3")	T1
PVC Adaptors 110-125mm, BSP Threaded Body (3")	T2
PVC Adaptors 3"-4", NPT Threaded Body (3", 3"L)	T3
PVC Adaptors 4", NPT Threaded Body (3", 3"L)	T4
PVC Adaptors 160mm (6"R)	T6
*Grooved Adaptors BSP Threaded Body (2", 2"L & 3")	VB
NPT Threaded Body (2", 2"L & 3")	VN

* Complies with: ANSI C 606-81
 ** Complies with: ISO PN10, BST-D, ANSI 125/150, JIS K-10
 *** For ordering the Adaptors separately see page 23
 Inlet x Outlet end connection combinations available on request.
 Please consult Customer Service for further information

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 - Latch Solenoid S-985 (3 Leads)	1DS
12VDC - Latch Solenoid S-982 (2 Leads)	2DS
9VDC - Latch Solenoid	9DS

Tubing & Fittings	Code
Plastic Tubing & Fittings	PP

Additional Attributes Unlimited Selection	Code
3-Way Control Loop	X
Auxiliary Closing Spring	K
Differential Pressure Duct (2"L-4")	D
External Control Pressure	e
Lifting Opening Spring	L
Flow Stem	M
Flow Over-the-Seat	0
Manual Selector	Z
Low Preset Pressure (below 2 bar)	2
Plastic Pressure Test Point	5
½" Anti Vacuum at Valve Downstream	7

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

