



IR	3"	120-DC	55	Y
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Size	End Connection	
1½"	DN40	Female Threaded
2"	DN50	Female Threaded, Male Threaded
2"L	DN50L	Female Threaded
2½"	DN65	Male Threaded
3"	DN80	Female Threaded, Flanged, Grooved, Horn
3"L	DN80L	Flanged, Grooved or glue in
4"	DN100	Flanged, Grooved or glue in

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-DC
Level Control Valve	150-DC
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
Green-App Control	4G
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", 3"L & 4"	DN50L, DN65, DN80, DN80L & DN100	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

P	BP	4AC	PP	M
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End Connections - Valve Body only (w/out adaptors)		Code
Threaded	BSP Female Threaded	BP
	NPT Female Threaded	NP
	BSP-F, Male Threaded (2" & 2½" ONLY)	BS
Horn	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
Flanged**	Plastic Flanges (3" & 4")	FF
	Plastic Flanges - NPT Threaded Body (3" & 4")	FN
	Metal Flanges - "Corona" (3" & 4")	CC
	Metal Flanges - NPT Threaded Body (3" & 4")	CN
PVC Cemented (glue-in)	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
*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		O
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.

