



IR **3"** **120** **55** **Y** **P** **BP** **4AC** **PP** **XZ**

Size	End Connection
1 1/2" DN40	Female Threaded
2" DN50	Female Threaded, Male Threaded
2"L DN50L	Female Threaded
2 1/2" DN65	Male Threaded
3" DN80	Female Threaded, Flanged, Grooved, Horn
3"L DN80L	Female Threaded, Flanged, Grooved or Glue in
4" DN100	Flanged Grooved or Glue in
4"L DN100	Flanged, Grooved NEW
6"R DN150	Flanged or Glue in NEW
6" DN150	Flanged or Grooved

Primary Features	Code
Basic Valve	105
Solenoid Controlled Valve	110
Solenoid Controlled TRIO Valve (2"L-3") NEW	11T
Pressure Reducing Valve	120
Pressure Reducing TOP PILOT Valve (1 1/2"-3") NEW	12T
Pressure Reducing & Sustaining Valve	123
Pressure Sustaining Valve	130
Differential Pressure Sustaining Valve	136
Quick Pressure Relief Valve	13Q
Level Control Valve	150
Level Control & Pressure Sustaining Valve	153
Flow Control Valve	170
Flow Control & Pressure Reducing Valve	172
Strainer (3"L, 4")	10F

Other primary features available on request.

Additional Features	Code
No Additional Features	00
Closing and opening speed control	03
Accelerated Closing	04
Electric Valve, without Solenoid	05
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
Green-App Control	4G
Internal Feed & Bleed*	N
TOP PILOT with 12-40 PSI adjusting scale & Spring (2-Way Only)	J1
TOP PILOT with 12-80 PSI adjusting scale & Spring	J2
TOP PILOT with 0.8-3.0 Bar adjusting scale & Spring (2-Way Only)	H1
TOP PILOT with 0.8-6.0 Bar adjusting scale & Spring	H2

* Internal Feed & Bleed options N1-N7 available according to specific Application Engineering definitions.

Pattern	Available Size	Code
Oblique	(all sizes)	Y
Angle	2", 3" & 3"L/4"	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

End Connections - Valve Body only (w/out Adaptors)		Code
Threaded	BSP-T Female Threaded	BP
	NPT Female Threaded	NP
	BSP-F, Male Threaded (2" & 2 1/2" ONLY)	BS
Grooved*	Victaulic (4"L, 6")	VI
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", 3"L, 4", 4"L, 6")	FF	
	Plastic Flanges - NPT Threaded Body (3", 3"L, 4")	FN	
	Metal Flanges - "Corona" (3", 3"L, 4", 4"L, 6"R)	CC	
	Metal Flanges - NPT Threaded Body (3", 3"L, 4")	CN	
PVC Cemented (glue-in)	PVC Inner Adaptors 75mmx3" BSP (3", 3"L)	BJ	
	PVC Inner Adaptors 2.5"X3" NPT (3", 3"L)	NJ	
	PVC Adaptors 90-110mm, BSP Threaded Body (3", 3"L)	T1	
	PVC Adaptors 110-125mm, BSP Threaded Body (3", 3"L)	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", 3"L, 4")	VB
		NPT Threaded Body (2", 2"L, 3", 3"L, 4")	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

Other electrical ratings available on request.

Tubing & Fittings	Code
Plastic Tubing & Fittings (standard)	PP

Additional Attributes Unlimited Selection	Code
Servo (2/3-Way Control Loop)	b
3-Way Control Loop	X
Differential Pressure Duct (2"L-4")	D
External Control Pressure	e
Flow Stem	M
Manual Selector	Z
Low Preset Pressure (below 2 bar)	2
Plastic Pressure Test Point	5
1/2" Anti Vacuum at Valve Downstream	7

Other additional attributes are optional. Please consult our customer service for further information.

