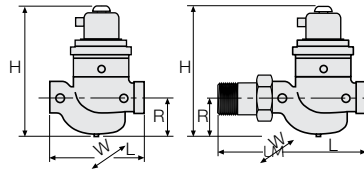




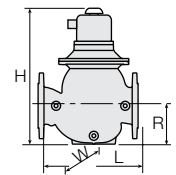
Globe Pattern

Connection Type		Threaded		
Size	DN	40	50	80R
	inch	1½	2	3R
LM		320	330	250
L		250	250	250
W		137	137	137
H		300	300	300
R		95	95	79
Weight (Kg)		7.2	7.3	7.3



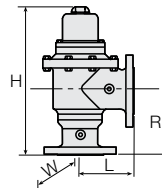
Globe Pattern

Connection Type		Threaded					Grooved				
Size	DN	40	50	80R	80	100	150	200	250	100	150
	inch	1½	2	3R	3	4	6	8	10	4	6
L		250	250	310	300	350	500	600	600	600	600
W		150	165	200	210	250	380	380	405	380	405
H		300	300	321	405	460	623	633	633	633	633
R		95	95	100	123	137	216	228	228	228	228
Weight (Kg)		10.6	12.7	18.8	23	30	70	92	140	92	140



90° Angle Pattern

Connection Type		Flanged				
Size	DN	50	80	100	150	200
	inch	2	3	4	6	8
L		120	150	180	250	250
W		137	210	250	380	380
H		322	425	480	610	610
R		125	196	225	306	280
Weight (Kg)		7.9	25.5	35.8	76.4	82.2



Available Patterns, Size & End Connections

Connection Type		Flanged								
Size	DN	40	50	65	80R	80	100	150	200	250
	inch	1½	2	2½	3R	3	4	6	8	10
Threaded		G	G & A		G					
Threaded (Male)		G	G							
Flanged		G	G	G	G	G & A	G & A	G & A	G & A	G
Flange Inlet \ Thread Outlet			A		G					

G = Globe, A = Angle 90°

Technical Data

Connections Standard:

Flanged: ISO 7005-2 (PN10 & 16)

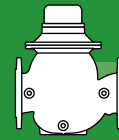
Threaded: Rp ISO 7/1 BSP.P or NPT

Operating Pressure Ranges:

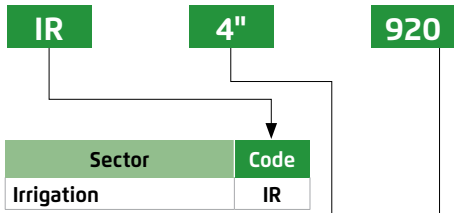
PN16: 0.7-16 bar

For lower pressure requirements, consult factory

Temperature: Water up to 50°C



900-M

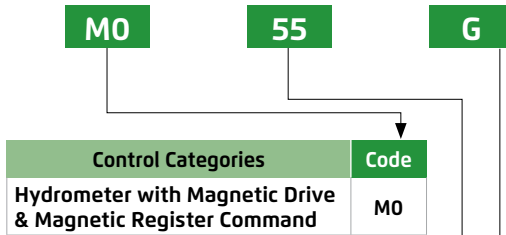


Size	
1½"	DN40*
2"	DN50
2½"	DN65
3"R*	DN80R*
3"	DN80
4"	DN100
6"	DN150
8"	DN200
10"	DN250*

* Globe only

Primary Features	Code
Basic	900
Basic Low Pressure	90L
Water Meter	901
Solenoid Controlled Valve	910
Electronic Control Valve	918
Pressure Reducing Valve	920
Pressure Reducing & Sustaining Valve	923
Flow Control Valve, Constant Downstream Pressure	927
Pressure Sustaining Valve	930
Level Control Valve	950
Level Control - Low Pressure	95L
Level Control & Pressure Sustaining Valve	953
Level & Flow Control	957
Flow Control Valve	970
Flow Control & Pressure Reducing Control Valve	972
Flow Control & Pressure Sustaining Control Valve	973
Flow Control, Pressure Reducing & Sustaining Valve	975

Other primary features available on request.



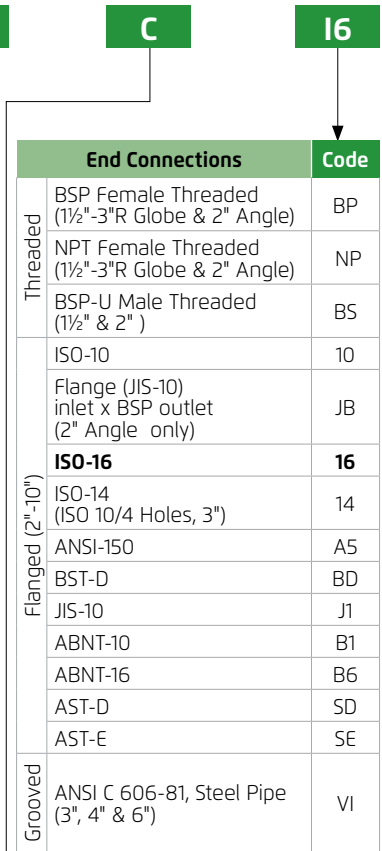
Control Categories	Code
Hydrometer with Magnetic Drive & Magnetic Register Command	MO

Additional Features	Code
No Additional Feature	00
Closing and Opening Speed-Control	03
Hydraulic Override	09
Electronic Control	18
Check Feature	20
Solenoid Controlled & Check Feature	25
Electrically Selected Multi-Level Setting	45
Downstream Over Pressure Guard	48
Closing Surge Prevention	49
Hydraulic Relay	50
Normally Closed with Hydraulic Relay	54
Normally Closed with PC Hydraulic Relay	54X
Solenoid Controlled	55
Electric Override	59
Modulating Horizontal Float	60
Green-App Control	4G
Bi-Level Electric Float	65
Bi-Level Vertical Float	66
Modulating Vertical Float	67
St. St. 304 V-Port	VN

Other additional features available on request.

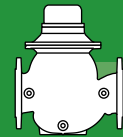
Pattern	Code
Globe	G
Angle (2", 3", 4", 6" & 8")	A

Construction Materials	Code
Ductile Iron	C



End Connections	Code
Threaded	
BSP Female Threaded (1½"-3"R Globe & 2" Angle)	BP
NPT Female Threaded (1½"-3"R Globe & 2" Angle)	NP
BSP-U Male Threaded (1½" & 2")	BS
ISO-10	10
Flange (JIS-10) inlet x BSP outlet (2" Angle only)	JB
ISO-16	16
Flanged (2"-10")	
ISO-14 (ISO 10/4 Holes, 3")	14
ANSI-150	A5
BST-D	BD
JIS-10	J1
ABNT-10	B1
ABNT-16	B6
AST-D	SD
AST-E	SE
Grooved	
ANSI C 606-81, Steel Pipe (3", 4" & 6")	VI

Other end connections available on request.



900-M

PG

Coating	Code
Polyester Green RAL 6017	PG

Other coatings available on request.

4AC

Voltage-Main Valve Position (When Solenoid De-Energized)	Code
24VAC, with Diode (D) - Normally Closed	4AC
24VAC, with Diode (D) - Normally Open	4AO
24VAC - Last Position	4AP
24VAC, with Ring (R) - Normally Closed	4RC
24VAC, with Ring (R) - Normally Open	4RO
24VDC - Normally Closed	4DC
24VDC - Normally Open	4DO
24VDC - Last Position	4DP
12VDC - Normally Closed	1DC
12VDC - Normally Open	1DO
12VDC - Last Position	1DP
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.

PP

Pulse Type	Pulse Rate m ³	Code
No Pulse	No Pulse m ³	RNP
Reed Switch 1 Pulse	Reed 100 Liter	R02
	Reed 1 m³	R03
	Reed 10 m ³	R04
Reed Switch 2 Pulse	REED 100L + REED 1 m ³	R23
	REED 1m ³ + REED 10 m ³	R34

R03

Additional Attributes Unlimited Selection	Code
3-Way Control Loop	X
Plastic Control Accessories	K
Metal Control Accessories	R
Homologation Approved	L
BSP-U Union Records Assembly (1.5" & 2" only)	M
Orifice Assembly	U
Paddle Flow Control Pilot	V
Large Control Filter	F
Manual Selector	Z
Low Preset Pressure (below 2 bar)	2
Plastic Pressure Test Point	5
Pressure Gauge	6
½" Anti Vacuum at Valve Downstream	7

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

KX

Tubing & Fittings

Tubing & Fittings	Code
Plastic Tubing & Fittings	PP
Plastic Reinforced Tubing & Brass Fittings	PB
Copper Tubing & Brass Fittings	CB

Hydrometer Magnetic Register Pulses & size Availability

Size	Pulse per		
	100 Liter	1m ³	10m ³
1½"-4"; DN40-DN100	Y	Y	N
6"-10"; DN150-DN250	N	Y	Y

Note: Pulse combinations are available according to "Pulse Rate Table".