



900 Series - Ordering Guide

900-D Series

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IR	4"	920	DO	55	G	C
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Sector	Code
Irrigation	IR

Size	Code
1 1/2"	DN40*
2"	DN50
2 1/2"	DN65
3"R*	DN80R*
3"	DN80
4"	DN100
6"	DN150
8"	DN200
10"	DN250*

Primary Features	Code
Basic	900
Basic Low Pressure	90L
Basic with Flow Limiter	90F
Pressure Reducing Valve	920
Pressure Reducing with Flow Limiter	92F
Pressure Reducing & Sustaining Valve	923
Flow Control Valve, Constant Downstream Pressure	927
Pressure Sustaining Valve	930
Pressure Sustaining with Flow Limiter	93F
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.

Additional Features	Code
No Additional Feature	00
Closing Speed-Control	01
Closing and Opening Speed-Control	03
Hydraulic Override	09
Check Feature	20
Solenoid-Controlled & Check Feature	25
Two-Stage Opening	30
Downstream Over Pressure Guard	48
Closing Surge Prevention	49
Solenoid Controlled	55
Electric Override	59
Flow Control By Flow Limiter	0F

Other additional features available on request.

Control Categories	Code
Without Control Command	00
Without Control Command-HP*	02
Automatic Meter Valve (AMV)	D0
Automatic Meter Valve (AMV)-HP*	D2
Sequential Automatic Metering Valve	DD
Sequential Automatic Metering Valve-HP*	E2

* HP (High Pressure) models are required for working pressure above 10 bar.

Pattern	Code
Globe	G
Angle (2", 3", 4", 6" & 8")	A
Hydrant-Angle 120° (2 1/2" & 4")	H

Construction Materials	Code
Cast Iron (1 1/2"-3"R Globe Threaded)	I
Ductile Iron	C

I6	PG	4AC	PP	800	AMV	KX
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End Connections	Code	
Threaded	BSP Female Threaded (1 1/2"-3"R Globe & 2" Angle)	BP
	NPT Female Threaded (1 1/2"-3"R Globe & 2" Angle)	NP
	BSP-U Male Threaded (1 1/2" & 2")	BS
	Hydrant 2 1/2" x BSP	HP
	Flange (JIS-10) inlet x BSP outlet	JB
	ISO-16	16
Flanged (2"-10")	ISO-10	10
	IS 14 (ISO 10/4 Holes, 3")	14
	ANSI-125	A1
	ANSI-150	A5
	BST-D	BD
	JIS-7.5	J7
	JIS-10	J1
	JIS-16	J6
	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.

Coating	Code
Polyester Green RAL 6017	PG

Other coatings available on request.

Voltage Main Valve Position	Code
24VAC, with Diode - Normally Closed	4AC
24VAC, with Diode - Normally Open	4AO
24VAC - Last Position	4AP
24VAC - Normally Closed	4RC
24VAC - 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.

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

Dial Capacity	Code
AMV m3	
40 m ³	40
80 m ³	80
120 m ³	120
150 m ³	150
350 m ³	350
600 m ³	600
800 m ³	800
1,200 m ³	1K0
2,100 m ³	2K0
3,500 m ³	3K0
6,000 m ³	6K0
8,000 m ³	8K0
AMV U.S. Gallon	
13,000 Gal	1G0
50,000 Gal	5G0
130,000 Gal	1KG
210,000 Gal	2KG
500,000 Gal	5KG
875,000 Gal	8KG
1,300,000 Gal	1MG
2,100,000 Gal	2MG

Additional Attributes Unlimited Selection	Code
3-Way Control Loop	X
Plastic Control Accessories	K
Metal Control Accessories	R
PVDF Guide	r
Homologation Approved	L
BSP-U Union Records Assembly	M
Calibration	N
Pump Shut off Assembly (for AMV only)	S
Orifice Assembly	U
Paddle Flow Control Pilot	V
Drain & Anti-Freeze Valve	f
Large Control Filter	F
Y Control Strainer	Y
Manual Selector	Z
Low Preset Pressure (below 2 bar)	2
High Upstream Pressure (above 10 bar)	3
Plastic Pressure Test Point	5
Pressure Gauge	6

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

Pulse Rate	Code
Automatic Metering Valve	AMV
AMV + Pulse	DAT

For AMV with Pulse, choose:

- **DAT** from "Pulse Rate" table
- The desired **Dial Capacity**

The pulse rate is factory set according to selected dial:

Metric:

- 1 Pulse per 1 m³ for dials 3.8-2,100
- 1 Pulse per 10 m³ for dials 3,500-21,000

U.S. Gallon:

- 1 Pulse per 100 gallons for dials 13,000-210,000
- 1 Pulse per 1,000 gallons for dials 500,000-2,100,000