

SERIES 80A

GLOBE & ANGLE IRRIGATION VALVES



DESCRIPTION

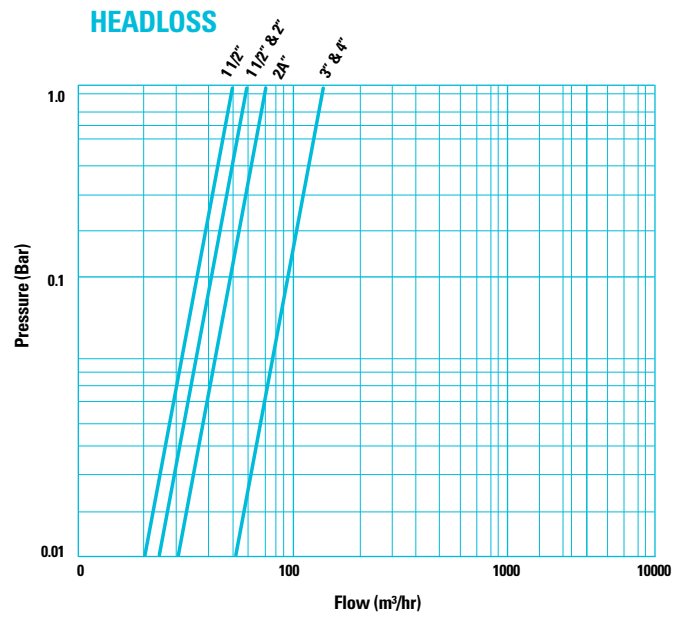
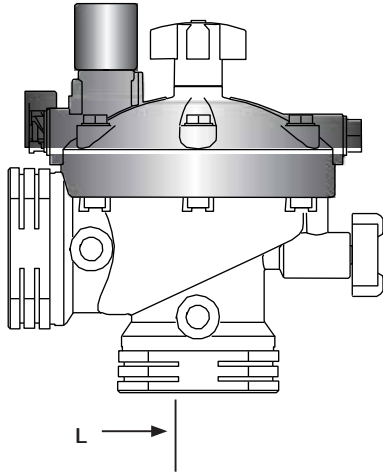
The series 80 valves are designed to offer the highest performance in greenhouse, field crops and turf irrigation systems. With straight or angle flow design, the 80 series valves are used for all control applications while ensuring minimal maintenance and maximal reliability.

FEATURES AND BENEFITS

- Simple, reliable and economical
- Angle or straight, globe- pattern valve, activated by a fully-supported diaphragm
- Durable, corrosion free materials
- Unique clog-free labyrinth inlet of the activation water on electric 2-way valves
- 3 Position Manual override on electric 2-way valves
- Operation at wide range of flow rates, from near zero to the maximal flow
- Electric 2-way or hydraulic / electric 3-way actuation
- All of the control system's devices are assembled on the valve's bonnet.
- No tubes are connected to the body
- Removable flow control stem handle (optional)
- Integral stainless-steel EasyClean® filter

DIMENSIONS

MODEL		DIMENSIONS					WEIGHT	
		L1	L2	H	W	DF	WITHOUT FLANGE	WITH FLANGE
MM	INCH	MM	MM	MM	MM	MM	KG	KG
40	1 1/2"	100	-	250	163	194	1.10	-
50	2"	100	-	250	163	230	1.10	-
80	3"	160	130	45	195	-	2.50	8.30
100	4"	160	130	45	195	-	2.50	9.20



HYDRAULIC PERFORMANCE

MODEL		PRESSURE RANGE		MAX. RECOMMENDED FLOW	MINIMAL FLOW	MAX TEMPERATURE		FLOW RATE FACTOR	
						°C	°F	KV	CV
MM	INCH	BAR	PSI	M³/H	M³/H			M3/H @ 1BAR	
40	1 1/2"	1	10	65	-	60	140	46	54
50	2"	1	10	100	-	60	140	58	68
80	3"	1	10	100	<1	70	160	150	-
100	4"	1	10	100	<1	70	160	150	-

* Low pressure diaphragms - Minimal opening pressure: 3/4" - 1": 6 Meter / 9 psi, 1.1/2" - 3": 3 Meter / 5 psi