

# VALVES

# ELECTRIC PBI THROTTLING VALVES

**PROVEN PERFORMANCE WITH A SIMPLE LOW MAINTENANCE DESIGN**



**1" ELECTRIC PBI THROTTLING NYLON VALVE**



**323 ELECTRIC PBI THROTTLING NYLON VALVE**

## PRODUCT ADVANTAGES

- Durable, glass reinforced nylon construction provides superb hydraulic performance.
- Large internal water passage with no moving parts in the flow path prevents clogging.
- Built-in 2-Way Solenoid with low power requirement for ease of operation and reliability.
- Simple installation either vertically or horizontally.
- High resistance to corrosive water containing fertilizer and chemicals.
- Standard with a flow control (throttling) handle.

## APPLICATIONS

- Small agricultural irrigation zones
- Greenhouse and nursery irrigation
- Cooling systems
- Ultra high flow or low flow capacity irrigation systems

## SPECIFICATIONS

- Available Sizes: 1", 1 1/2", 2" and 323
- Maximum Working Pressure: 1" - 115 psi and 2" to 323 - 150 psi
- Maximum Water Temperature: 140° F
- Connections: Female Threaded NPT
- Electrical Specifications: Voltage - Standard 24 VAC, 60 Hz  
Inrush Current - 29mA  
Holding Current - 14mA  
Allowable Voltage Variation: 10%

## MATERIALS

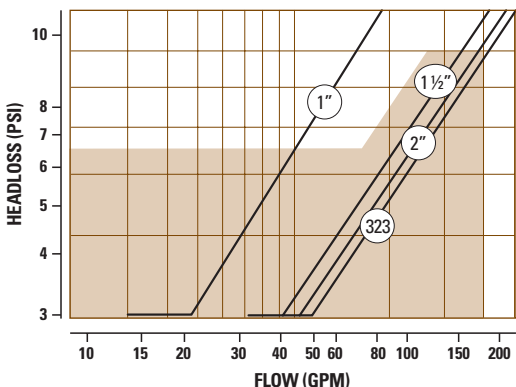
- Body and Bonnet: Glass Reinforced Nylon
- Spring: Stainless Steel (AISI 302)
- Nuts, Bolts, Washers: Stainless Steel (304)
- Diaphragm: Natural Rubber

## ORDERING INFORMATION

SIZE	ITEM NUMBER	MODEL NUMBER
1"	71610-014015	61ET1PBI-BC
1 1/2"	71610-014040	61ET1.5PBI2-BC
2"	71610-014507	61ET2PBI2-BC
323	71610-015202	61ET323PBI2-BC

SOLD IN CASE QUANTITIES AND 24VAC ONLY  
 1" CASE QUANTITY = 20  
 1 1/2" AND 2" CASE QUANTITY = 8  
 323 CASE QUANTITY = 4

## FLOW RATE VS. PRESSURE LOSS



LIGHT BROWN AREA INDICATES RECOMMENDED OPERATING RANGE.

## FLOW RANGE

SIZE	GPM
1"	1 - 50
1 1/2"	1 - 125
2"	1 - 176
323	1 - 264

## DIMENSIONS & WEIGHT

SIZE	LENGTH	HEIGHT	WEIGHT
1"	4 7/8"	4 7/8"	.5 LBS.
1 1/2"	7 3/8"	6"	2.0 LBS.
2"	7 7/8"	6"	2.2 LBS.
323	9 1/4"	6 5/8"	3.1 LBS.



### NETAFIM USA

5470 E. Home Ave.  
 Fresno, CA 93727  
 CS 888 638 2346

[www.netafimusa.com](http://www.netafimusa.com)