## **BERMAD** Irrigation

### 100 Series hyflow

On/Off Control

### **Hydraulic Control Valve**

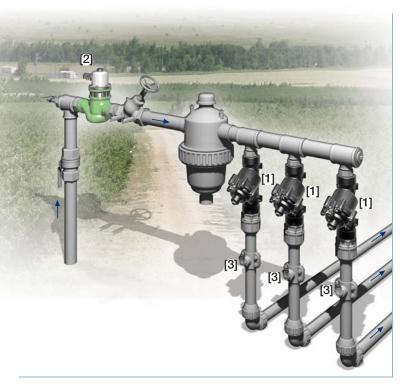
#### IR-105-Z

The BERMAD Hydraulic Control Valve is a hydraulically operated, diaphragm actuated control valve that opens and shuts in response to a local or remote pressure command.



#### Features and Benefits

- Hydraulic Control Valve
  - Line pressure driven
  - Hydraulically controlled On/Off
- Engineered Plastic Valve with Industrial Grade Design
  Highly durable, chemical and cavitation resistant
  - No internal bolts and nuts
- hYflow 'Y' Valve Body with "Look Through" Design
  Ultra-high flow capacity Low pressure loss
- Unitized Flexible Super Travel (FST) Diaphragm and Guided Plug
  - Smooth closing
  - Requires low opening and actuation pressure
  - Prevents diaphragm erosion and distortion
- Simple In-Line Inspection and Service



### **Typical Applications**

- Computerized Irrigation Systems
- Distribution Centers
- Low Supplied Pressure Irrigation Systems
- Energy Saving Irrigation Systems

- [1] BERMAD Model IR-105-Z opens upon local manual command.
- [2] BERMAD Automatic Metering Valve Model IR-900-D0
- [3] BERMAD Vacuum Breaker Model 1/2"-ARV

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# **BERMAD** Irrigation

### 100 Series hyflow

On/Off Control

# **Hydraulic Control Valve**

IR-105-Z

The BERMAD Hydraulic Control Valve is a hydraulically operated, diaphragm actuated control valve that opens and shuts in response to a pressure command.



### Features and Benefits

- Hydraulic Control Valve
  - Line pressure driven
  - Hydraulically controlled On/Off
- Engineered Plastic Valve with Industrial Grade Design
  - Adaptable on-site to a wide range of end connection sizes and types
  - Articulated flange connections eliminate mechanical and hydraulic stresses
- Highly durable, chemical and cavitation resistant
- hYflow 'Y' Valve Body with "Look Through" Design
- Ultra-high flow capacity Low pressure loss
- Unitized Flexible Super Travel (FST)
  Diaphragm and Guided Plug
  - Smooth closing
  - Requires low actuation pressure
  - Prevents diaphragm erosion and distortion
- User-Friendly Design
  - Simple in-line inspection and service

[1] BERMAD Model IR-105-Z opens upon local manual command.

[1]

[1]

[5]

- [2] BERMAD Water Meter Model WPH
- [3] BERMAD Strainer Model 70F
- [4] BERMAD Air Valve Model ARC-A-I-I
- [5] BERMAD Vacuum Breaker Model 1/2" ARV

Typical Applications
 Computerized Irrigation Systems

- Distribution Centers
- Low Supplied Pressure Irrigation Systems
- Energy Saving Irrigation Systems



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