



## 100 SERIES

High Performance Plastic Hydraulic Control Valves with Solenoid control

- Ultra-high flow capacity with a minimal pressure loss
- Combines simple and reliable construction with superior performance.

### FEATURES

#### • Ease of Service

- Simple design with few parts guarantees easy in-line inspection and service
- Designed for vertical or horizontal installation

#### • Versatility

- Requires low actuation pressure

#### • Reliability

- Durable industrial grade valve design and construction uses glass-filled Nylon material to meet rough service conditions
- Articulated flange connections isolate the valve from line bending and pressure stresses



### SPECIFICATIONS

Flow rate : from 10 to 80 m<sup>3</sup>/h  
Operating pressure range : 0,7 to 10 bar  
Temperature: up to 60°C

### ELECTRICAL SPECIFICATIONS

Solenoid: 24 VAC - 50 Hz  
Inrush current: 0.30 A (7.2 VA)  
Holding current: 0.19 A (4.6 VA)

### DIMENSIONS

Height: 28.6 cm  
Length: 30.8 cm  
Width: 10 cm  
Weight : 4,4 kg (flange) - 1,6 kg (thread)

### MODELS

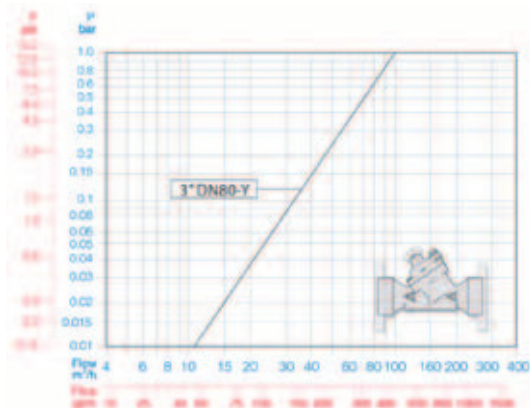
100 SERIES : 3" BSP female threaded with DN 80 flange (inlet / outlet )

### ACCESSORIES

DB, DBRY-6, DBM and King Connectors



### FLOW CHART



### DIMENSIONS AND WEIGHTS

Sizes DN	80	
Pattern	Y	Y
End Connections	Threaded 3" BSP	Universal Flange
		Metal
L (mm)	298	308
H (mm)	226	286
h (mm)	50	100
W (mm)	190	100
Weight (kg)	1.6	4.4