

HYFLOW 100 SERIES

High Performance Plastic Hydraulic Control Valves with Solenoid control

- Ultra-high flow capacity with a minimal pressure loss
- Equipped with 2/3 Way solenoid (24V) for smooth closing
- Combines simple and reliable construction with superior performance.

FEATURES

• Ease of Service

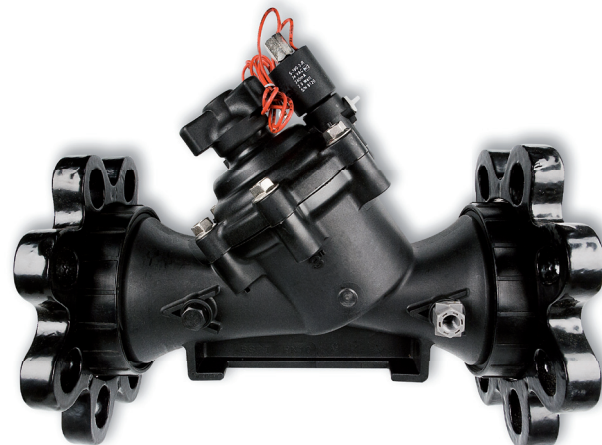
- Simple design with few parts guarantees easy in-line inspection and service
- Designed for vertical or horizontal installation
- Can be connected with flange or directly threaded

• 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
- The Hyflow 'Y' valve body design includes a full bore seat with unobstructed flow path, free of any in-line ribs, supporting cage, or shafts.



SPECIFICATIONS

Flow rate : from 10 to 100 m³/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

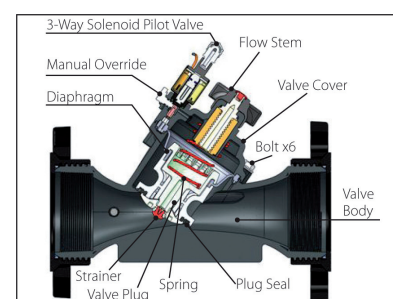
Height: 25.5 cm
Length: 30.8 cm
Width: 10 cm
Weight : 4,4 kg (flange) - 1,6 kg (thread)

MODELS

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

ACCESSORIES

DB, DBRY-6, DBM and King Connectors



PERFORMANCES: VALVE PRESSURE LOSS

m ³ /h	Pressure Loss (bar)
10	0,01
20	0,04
30	0,08
40	0,14
50	0,2
60	0,35
70	0,5
80	0,6
90	0,8
100	1

DIMENSIONS AND WEIGHTS

Sizes DN	80	
Pattern	Y	Y
End Connections	Threaded 3" BSP	Universal Flange
L (mm)	298	308
H (mm)	180	240
h (mm)	50	100
W (mm)	190	100
Weight (kg)	1.6	4.4