



ProSeries 100 Valve

Flow-through design with self-cleaning diaphragm screen

Engineered to handle the dirtiest water



TILT DIAPHRAGM/PISTON ASSEMBLY

Allows water to flow straight through, reducing friction loss

DEBRIS-TOLERANT DESIGN

Offers flexibility for use in potable or non-potable applications

SELF-CLEANING DIAPHRAGM SCREEN

Enables automatic removal of debris and sediment during operation

DIMENSIONS

3/4" 7075 Models:

Height: 4" (10,2 cm)
Width: 3" (7,6 cm)
Length: 4 1/2" (11,4 cm)

1" 7001 Models:

Height: 4" (10,2 cm)
Width: 3" (7,6 cm)
Length: 5 1/4" (13,3 cm)

BEST IN THE INDUSTRY
WARRANTY
7 YEARS

ProSeries 100 In-line Tilt Valves

Operating Specifications

U.S.			METRIC		
Pressure Loss in PSI			Pressure Loss in bar		
Flow GPM	3/4"	1"	Flow LPM	3/4"	1"
1	4.0		4	0,28	
5	5.0	2.2	19	0,34	0,15
10	6.0	3.0	38	0,41	0,21
15	11.0	3.5	57	0,76	0,24
20	14.0	4.0	76	0,97	0,28
30		5.0	114		0,34
Pressure Range			Pressure Range		
3/4" 1"			3/4" 1"		
20-150 PSI			1,4-10,3 bar		

Electrical Specifications

Solenoid:	24V AC 60 Cycle
Inrush	.43 Amps
Holding	.25 Amps

Models

7075	3/4" Female Thread
7075-SL	3/4" Slip
7075-BSP	3/4" BSP Thread
7075-NFC	3/4" Female, No Flow Control
7075-SL-NFC	3/4" Slip Fitting, No Flow Control
7075-BSP-NFC	3/4" BSP Thread, No Flow Control
70001	1" Female NPT Thread x Female NPT Thread
7001-SL	1" Female Slip
7001-BSP	1" Female BSP Thread
7001-NFC	1" Female Thread, No Flow Control
7001-SL-NFC	1" Female Slip, No Flow Control
7001-BSP-NFC	1" Female BSP Thread, No Flow Control
7001-MXB	1" Male x Barb
7001-MXB-NFC	1" Male x Barb, No Flow Control
7001-MXM	1" Male Thread X 1" Male Thread
7001-BSP-MXM	1" Male BSP Thread X 1" Male Thread
7001-BSP-MXM-NFC	1" Male BSP Thread X 1" Male BSP Thread, No Flow Control
7001-MXM-NFC	1" Male Thread X 1" Male Thread, No Flow Control

All valves equipped with 24VAC solenoids.

How to Specify 9 Volt solenoid

MODELS	OPTIONS
7001	-9VDC

Examples: 7001-SL-9VDC

► Heavy Duty, Corrosion and UV Resistant PVC Construction

Increases the life of the valve

► Manual External Bleed Screw

Provides for manual operation in system start up and easy valve maintenance

► Manual Internal Bleed Through Solenoid

Permits manual operation without discharging water outside the valve



► Manual Flow Control

Precisely adjust flow to the zone. Removable handle prevents tampering



► Captured Plunger Solenoid

Remove the solenoid without losing the internal plunger

► Versatility

These 1" models accept 1" PVC inside or 1 1/4" PVC fitting or bell end pipe outside

- 7001
- 7001-BSP
- 7001-NFC
- 7001-SL-NFC
- 7001-BSP-NFC



Watch the video. Scan this code with your smartphone camera.