

P150 SERIES

40 and 50 mm in-line globe/angle valves for light commercial applications. The P150 Series valves are the “value” work horses of plastic valves.

- 40 and 50 mm BSP (Female)
- Electric Models

FEATURES & BENEFITS

Heavy-Duty Glass-Filled Nylon (GFN) and Stainless-Steel Construction

Globe/Angle Configuration

Rated at 1000 kPa with flows from 80 to 568 Lpm

Filter-Controlled Water

To resist contamination of solenoid port. Filter serviceable from top of valve.

Precise Pressure Control Option with Compact EZReg® Dial-Design

Serviceable under pressure – no need to shut down system

Pressure Regulates in Electric and Manual Modes

Serviceable under pressure

SPECIFICATIONS

Operating Specifications

Flow Range: 80-568 Lpm

Pressure Range: 140-1000 kPa

Solenoid: 50Hz (24 VAC)

Inrush Current: 0.4 amps

Holding Current: 0.2 amps

Dimensions

Body Styles:

Globe/angle valve: 40 mm and 50 mm BSP female threads

Dimensions:

40 mm: 184 mm x 92 mm H x W

Options Available

- EZR-30 - EZReg, 30-200 kPa Regulator Module
- EZR-100 - EZReg, 30-700 kPa Regulator Module
- DCL - Potted DC Latching Solenoid Assembly (max. pressure 820 kPa)

Warranty Period

5-Years



P-150 Series Plastic Valve Model List

Model	Description
P150-23-56	Electric, Globe/Angle, 40 mm BSP Plastic Valve, 50 Hz Solenoid
P150-23-58	Electric, Globe/Angle, 50 mm BSP Plastic Valve, 50 Hz Solenoid

P-150 Series Friction Loss Data (kPa)

Size (mm)	Configuration	Flow – Lpm															
		80	100	120	140	160	180	200	250	300	350	400	450	500	550	568	
40	Globe	22	21	21	17	18	20	31	46								
	Angle	21	21	22	15	13	13	19	26								
50	Globe					22	22	20	19	26	34	42	42	52	62	67	
	Angle					18	17	14	13	16	24	24	26	32	37	39	

Note: For optimum performance when designing a system, be sure to calculate total friction loss to ensure sufficient downstream pressure. For optimum regulation performance, size regulating valves toward the higher flow ranges. Flow rates are recommended not to exceed 35 kPa pressure loss.