

# Submittal Data Sheet



Part #	Description
Various	Differential Pressure By-Pass Valve

## Project Information

Job Name:

Location:

Date Submitted:

Engineer:

Submitted by:

Contractor:

Approved by:

Manufacturer's Representative:

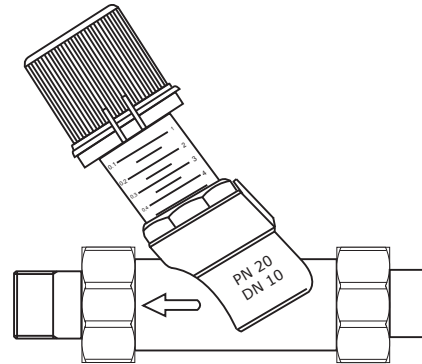
## Application

A self-acting automatic by-pass control primarily used either to maintain minimum flow rates (e.g. through a low water content gas boiler) or to control the differential pressure in a central heating system using zone valves.

## Product Information

### Materials

Setting handle	Pom-Plastic
Base	Brass - Ms 58
Spring guide	Polyphenylene Sulfide (PPS-Plastics)
Spring	Stainless Steel
Valve cone	Polyphenylene Sulfide (PPS-Plastics)
Valve body	Brass - Ms 58 forged
Setting pin	Stainless Steel
O-rings	EDPM Rubber



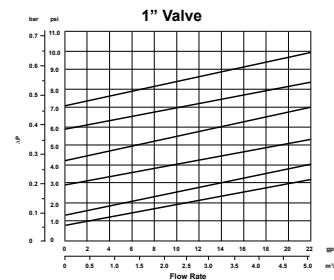
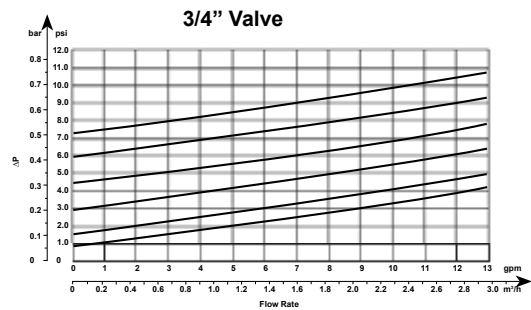
## Technical Information

Setting range	0.725 - 7.25 psi	(.05 - .5 bar)
Max. differential pressure	7.25 psi	(0.5 bar)
Operating pressure	145 psi	(10 bar)
Max. flow temperature	248°F	(120°C)
Max. leakage at closed valve	0.22 gpm	(.05 m³/h)

## Part Numbers

Part #	Description	Weight lbs (kg)
2340052155	Differential Pressure By-pass Valve (3/4" NPT)*	2 (0.9)
2340052156	Differential Pressure By-pass Valve (1" NPT)*	3 (1.4)

\* - Union male fittings



## Contact Information

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