

# AUTOMATIC DIFFERENTIAL BY-PASS VALVES

**automatically stabilises flow**

### Introduction

Inta's automatic differential by-pass valves have been designed to stabilise the circulation, flow rate and pump pressures in heating systems. The valve can easily be set based on system calculations for the differential pressure and the visual dial on the valve. This allows the optimum flow rate through the boiler to be maintained by the valve automatically opening to by-pass, allowing the circulation to continue even if the thermostatic radiator valves are closed.

- Automatically stabilises flow
- Protects the pump from pumping against closed head
- Easily adjustable
- Available with 22mm angled or straight connections

### Product Range

Description	Code
Automatic differential by-pass valve angled 22mm connection	ABPA401022
Automatic differential by-pass valve straight 22mm connection	ABPS402022

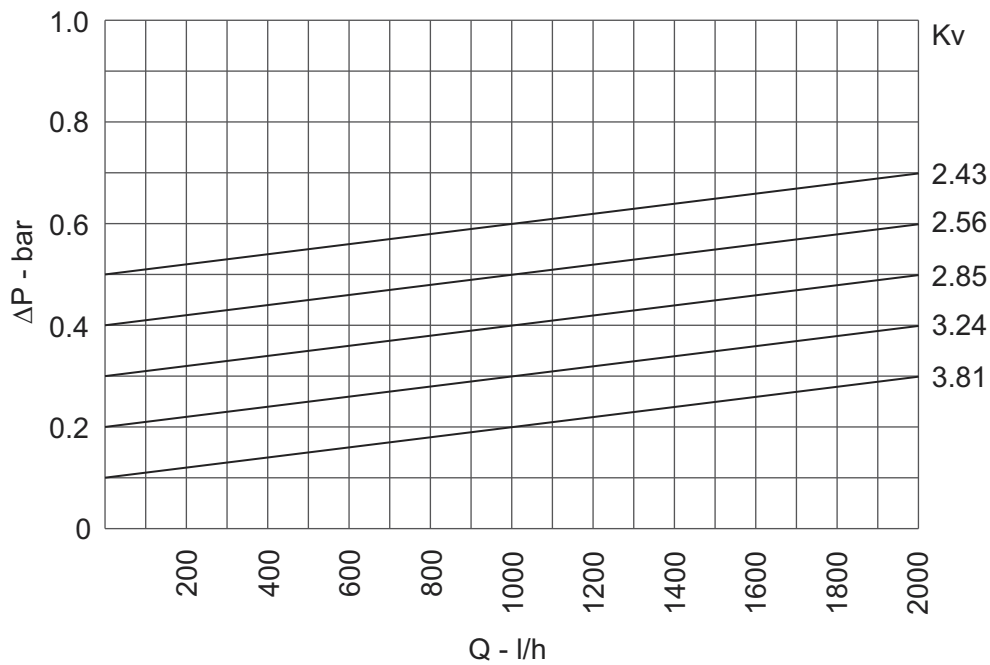


### differential by-pass valves

#### Technical specification

Maximum working pressure	10 bar
Maximum working temperature	100°C
Flow capacity	1 to 5m <sup>3</sup> / hour
Differential pressure range	0.1 to 0.5 bar

#### Flow chart and Kv values



#### Dimensions

