

Differential pressure bypass valve DÜ



Benefits

- For constant pump pressure in heating systems
- Reduction of flow noise
- With adjustment scale
- Differential pressure fully adjustable
- Either space-saving angled version or straight version

Application

For keeping the pump pressure in sealed heating systems as per EN 12828 constant and for reducing flow noise in the heating system.

Versions

	Part no.
Differential pressure bypass valve DÜ angled version, G $\frac{3}{4}$ x G $\frac{3}{4}$	42379
Differential pressure bypass valve DÜ straight version, G $\frac{3}{4}$ x G $\frac{3}{4}$	42384
Differential pressure bypass valve DÜ angled version, G $\frac{3}{4}$ x G1	42308

Blue part no. = in-stock items

Description

Differential pressure bypass valve with directly readable adjustment scale. Housing made of brass. Available as straight version or angled version for space-saving installation. The differential pressure in the heating system at full load is set directly at the bypass valve. If the volume flow is reduced, the valve opens to keep the head of the circulation pump constant.

Technical specifications

Operating temperature range

Medium: Max. 95 °C
 Medium: short-term 120 °C

Operating pressure

Max. 6 bar

Differential pressure

0.1/0.5 bar fully adjustable

Housing

Angled version or
 straight version

Material: Brass

Connection angled version

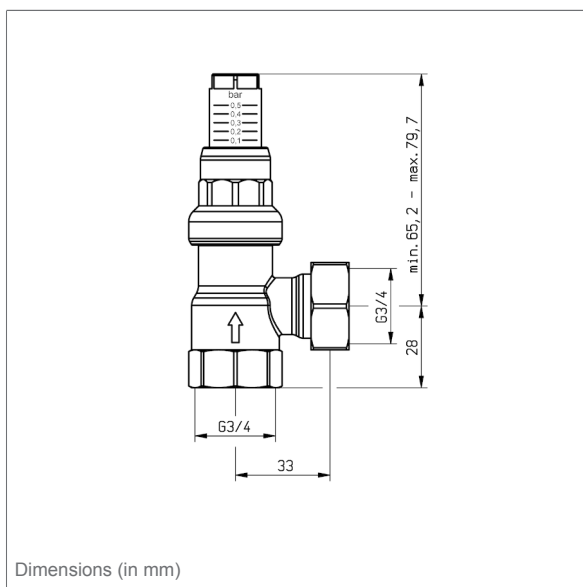
Input: G $\frac{3}{4}$ female
 Output: Screw connection, flat-sealing with union nut G $\frac{3}{4}$ screw connection, flat-sealing with union nut G1

Connection straight version

Screw connection at both sides, flat-sealing with union nut G $\frac{3}{4}$

Technical drawings

angled version



straight version

