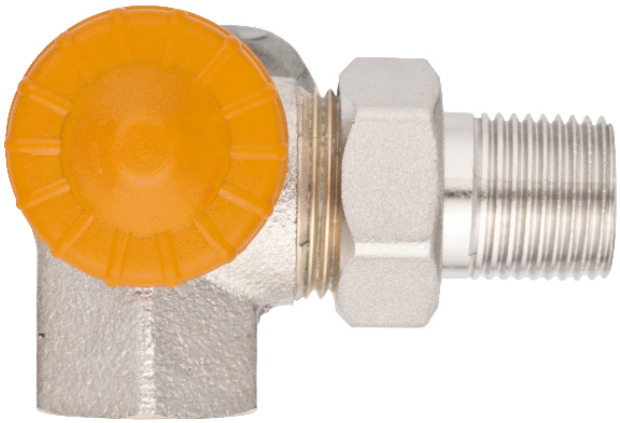


# thermostat valve body Vario-DP WE-L DN15

**Part no. 167 020.100**

**dynamic thermostat valve body**

**benefits**

- automatic control of water volume
- fast hydraulic balancing without calculation of pipe system and measuring instrument
- high reserve due to adjustment range up to 290 l/h
- patented, simple valve insert provides protection against pollution

## Application

Suitable for small to large water volumes. For installation in dual-pipe heating systems. The dynamic valve range Vario-DP makes hydraulic balancing in single and two family homes an easy and fast job.

## Description

Low-noise thermostat valve body with threaded connection M30 x 1.5 mm for thermostat control heads and actuators. Mounting cap with valve shut-off function. Adjustment range 20 to 340 l/h, fully adjustable with standard radiator bleed screw key. Pre-adjustment directly readable without scale.

The patented valve insert with automatic flow limiter automatically limits the water volume adjusted at the valves, independent of pressure variation in the heating system. This means that Vario-DP always supplies the right water volume to the radiator, regardless of the number of open or closed thermostat valves in the system. The valve insert can be replaced with the MGV mounting unit at operating pressure without the system having to be drained.

## Technical Specifications

**System connection**
see ordering table

**Thermostat head/actuator connection**
Threaded connection M 30 x 1.5 mm

**Adjustment range**
20 – 340 l/h

**Nominal pressure**
max. 10 bar

**differential pressure (Δp)**
15/70 kPa

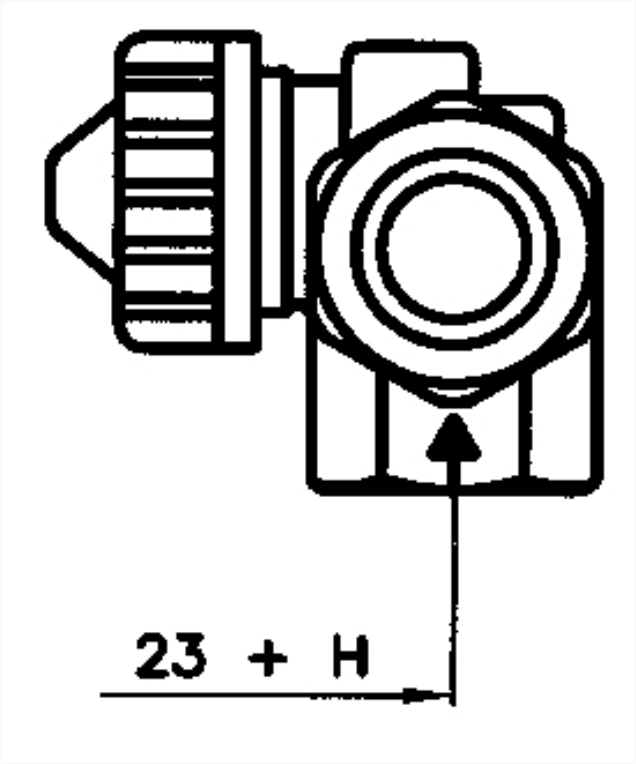
**Nominal diameter**
DN 15

**Operating temperature range**
Medium: max. 90 °C

**Housing**
Gunmetal, nickel-plated

## Technical Drawings

**Vario-DP – angled-angled, left**




**Dimensions (mm)**

| DN | D | b | L0 | L1 | L2 | L3 | L4 | L5 |
|---|---|---|---|---|---|---|---|---|
| 10 | Rp⅜ | 10,1 | 23 | 59 | 85 | 26 | 52 | 25 |
| 15 | Rp½ | 13,2 | 23 | 66 | 95 | 29 | 58 | 26 |
| 20 | Rp¾ | 14,5 | 23 | 74 | 106 | 34 | 66 | 29 |

H: Height control head

## Versions

| | Version | Nominal diameter | Connection | | Part no. |
|---|---|---|---|---|---|
| Vario-DP | angled-angled, left | DN 15 | Rp½ x R½ | ● | 167 020.100 |

● in-stock items

○ Non-stock items