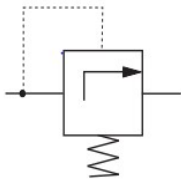


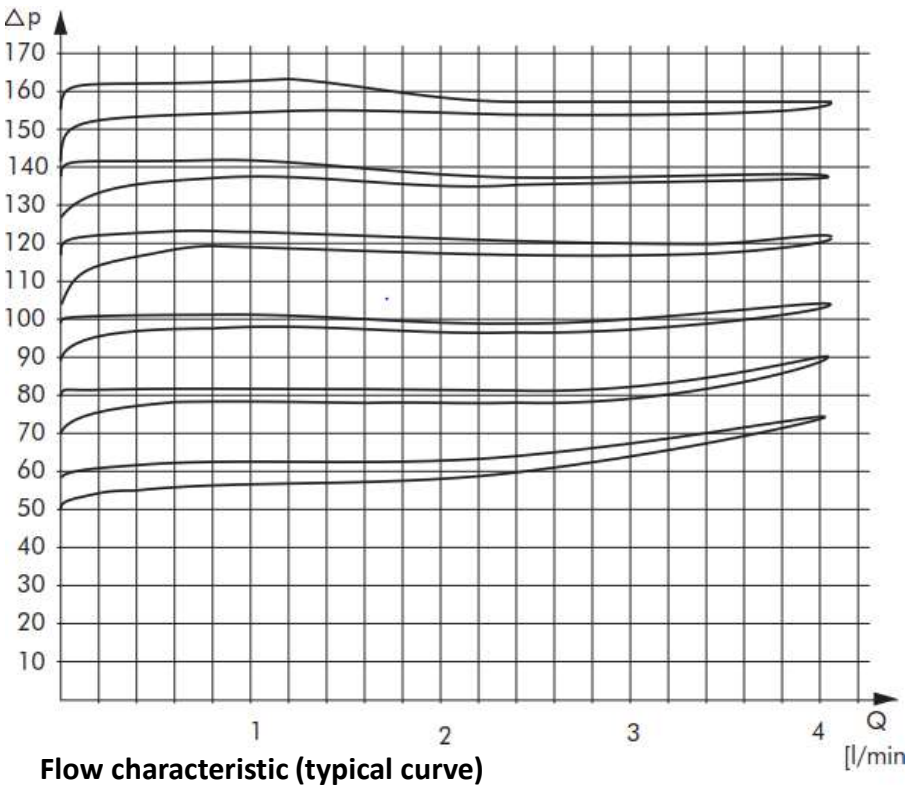
DBV 1.3

Adjustable hydraulic pressure relief valve

Technical Data	
Type	Pressure relief valve (damped)
Function	Passive pressure limitation
Nominal diameter	1,3 mm
Ambient temperature	-30°C up to + 100°C +120°C for a short time
Response pressure	adjustable from 40 bar to 160 bar
Operating pressure	max. 160 bar
Leakage rate	<3 ml/min
Shock resistance	>15 g (strength)
Medium	Hydraulic oil based on mineral oil Viscosity 10 mm²s-1 to 500 mm²s-1 Temperature -30°C to +100°C
Total weight	Ca. 30 g



DBV 1.3



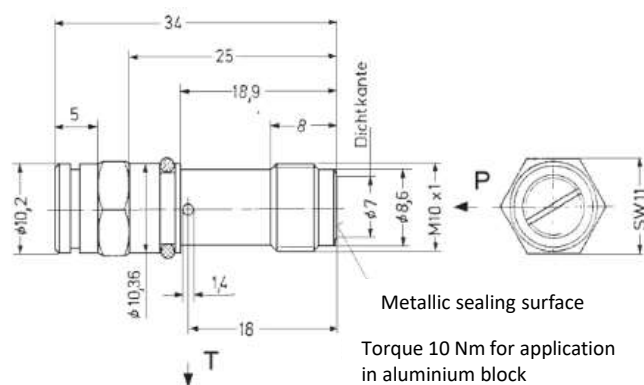
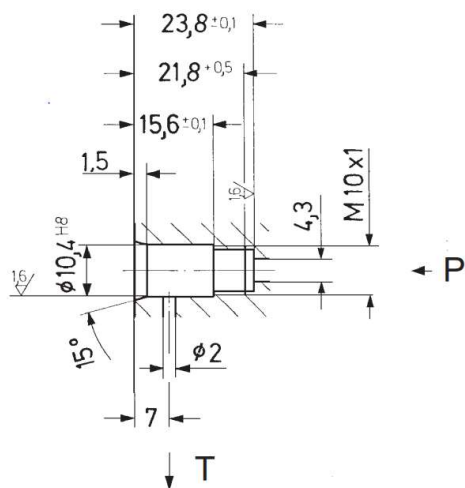
Key-Features

- Low hysteresis due to oil damping
- characteristic curve with a low gradient across the entire flow range
- Compact design with small dimensions
- High response pressure reproducibility throughout its service life
- Proven performance in automotive applications
- Metal seal for the P connection
- Customizable outer contour modifications based on customer specifications
- Adjustable response pressure
- Tested in accordance with the Pressure Equipment Directive

All information is without guarantee. Misprints, errors and technical changes reserved.
Status 03/2025

Dimensional Drawing

Hydraulic connection / dimensions



DBV1.3