

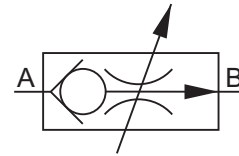
Use

The flow control valve supplies e.g. cylinders in hydraulic systems and friction points in central lubrication systems with an adjustable oil volume flow, which is not depending on pressure fluctuations and is mostly viscosity independent.

The volume flow can be adjusted at a knurled thumbscrew with fine regulation. Please observe the diagrams on the next page. The adjustment screw is secured against unauthorized adjustment by a protection cap, which can be provided with a lead seal.

A new regulation system makes self-cleaning of the throttle system also for smallest adjustable volume flows possible. The system of pressure regulators and comparator throttles even can purify itself when washed up particles are bigger than the cross section of the throttle.

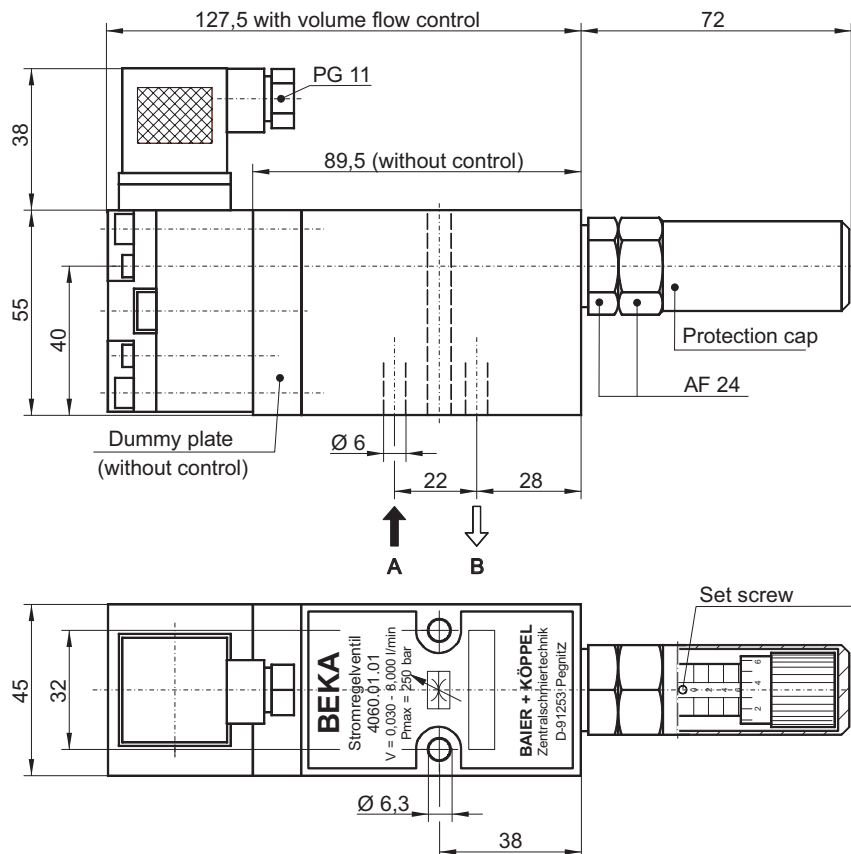
Symbol according to DIN ISO 1219



Technical data

Range of operating pressure:	10 to 250 bar
Pressure loss (Dp):	7 bar
Medium:	oil on synth. and mineral base
Viscosity range:	10 to 1000 mm ² /s
Volume flow range:	0,1 to 8 l/min
Temperature range:	0 °C to 60 °C
Installation position:	optional
Material:	steel, barnished
Weight (without control):	1,650 kg
Scope of delivery:	with screws DIN 912 M6x65

Dimensional drawing



Flow control valve

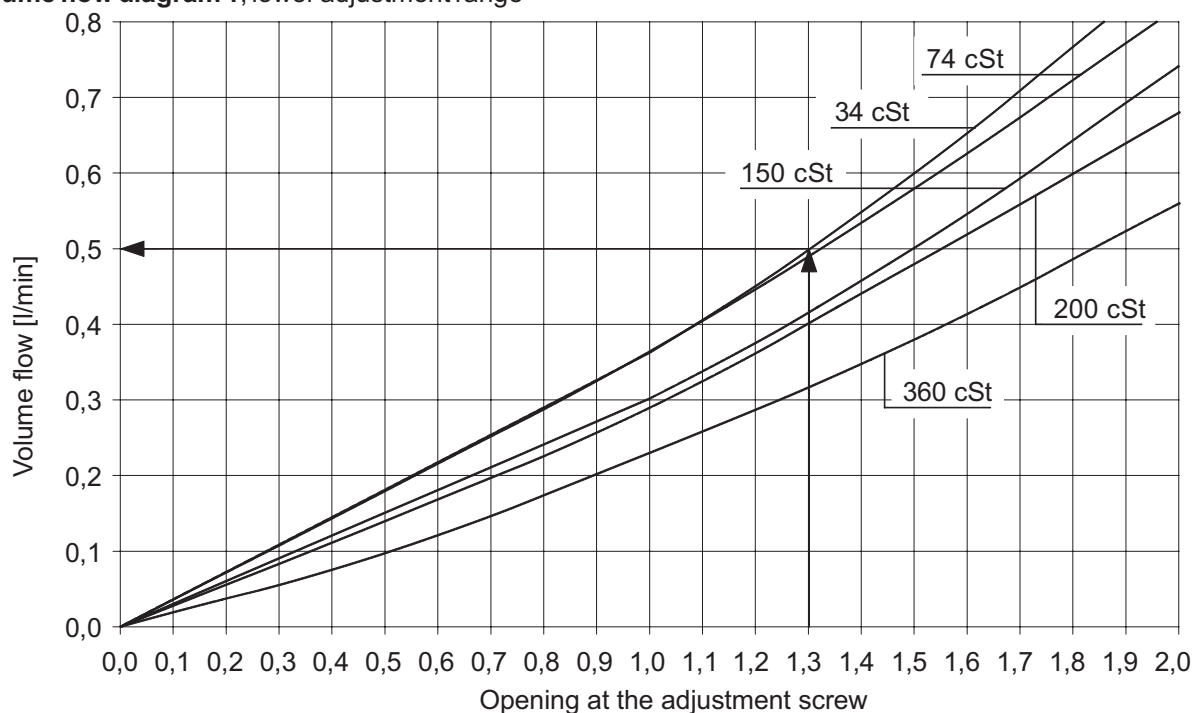
Order key for type 4060*

4060 11 01

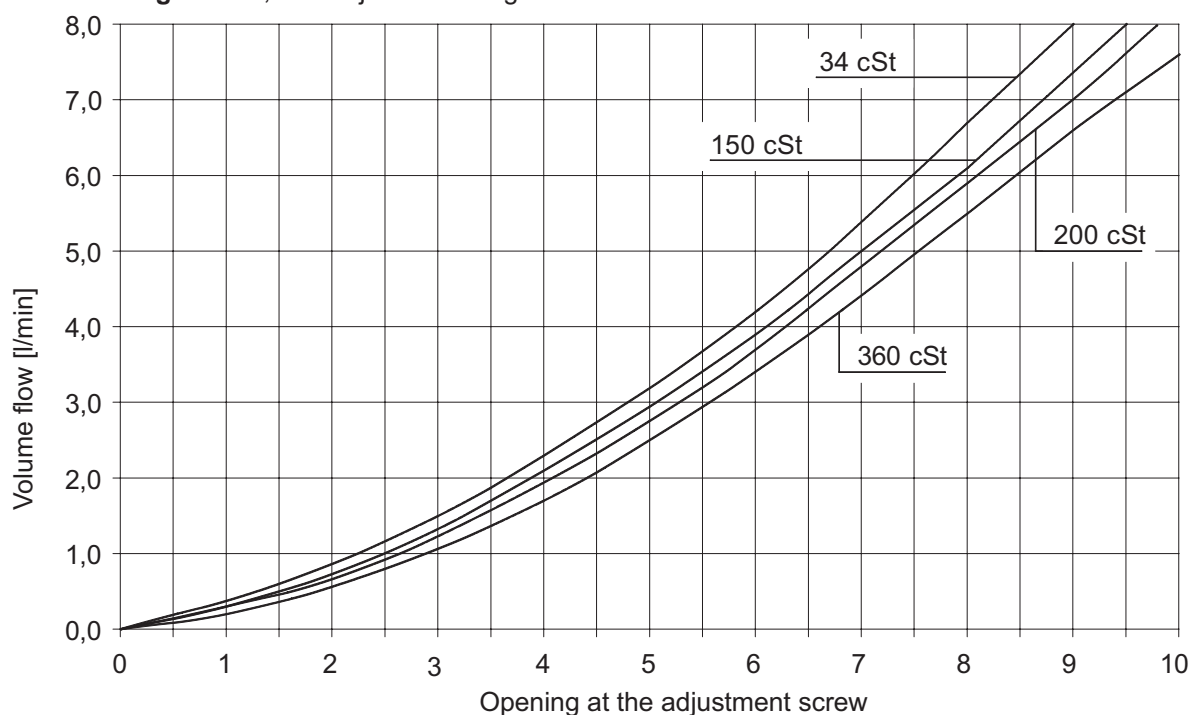
Type number	4060*
Code	4060
Volume flow control	without with, measurement volume 1,2 cm ³ /r (standard)
Code	01 11
Design	01
Code	01

* See order information for connection plate with plug-in sieve at the respective progressive distributor (SXW-1 resp. SXW-2)

Volume flow diagram 1, lower adjustment range



Volume flow diagramm 2, total adjustment range



These curves show the measurement values of the viscosity in mm²/s (cSt) with mineral oils at test temperature.

Subject to alterations!

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For flanging flow control valves.

Technical drawing of the AF 27 sieve assembly, showing front and side views with dimensions in mm.

Front View Dimensions:

- Overall width: 100
- Distance from left edge to center of first hole: 76
- Distance between holes: 12
- Distance from right edge of sieve body to center of last hole: 30
- Overall height: 80
- Distance from top edge to center of first hole: 20
- Distance from bottom edge to center of first hole: 30
- Hole diameter: $\varnothing 8,4$
- Extension measure: approx. 40
- Distance from left edge to center of first hole (bottom): 52
- Distance between holes (bottom): 23
- Distance from right edge of sieve body to center of last hole (bottom): 30
- Label: "Sleeve for plug-in sieve, AF 27"

Side View Dimensions:

- Overall height: 72
- Distance from top edge to center of first hole: 26
- Distance from bottom edge to center of first hole: 15
- Distance from left edge to center of first hole: 30
- Distance from right edge of sieve body to center of last hole: 55

Labels:

- A: Arrow pointing up, indicating the direction of the sieve body.
- B: Arrow pointing down, indicating the direction of the sieve body.
- G 1/4: Label for the sieve body.

Mod.	Plug-in sieve (mm)	Code	4061 xx xx
1	MW* 0,1	01	
1	MW* 0,3	03	
2	without plug-in sieve	02	
Mod	No. of outlets	Code	
1	1	01	
2	2 to 10	02 bis 10	

Subject to alterations!

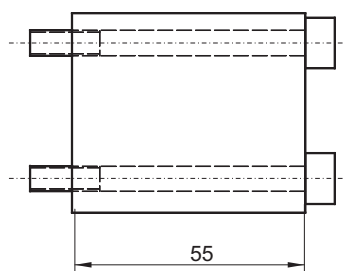
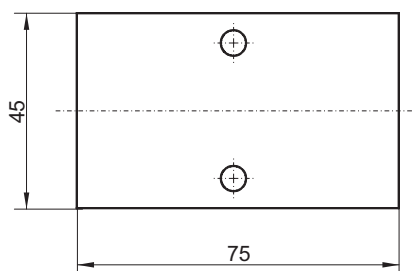
Flow control valve

Dummy element

Use

For assembly on the connecting plate instead of the flow control valve.

Dimensional drawing



Order-number

Dummy element: 40600000

Technical data

Material: aluminium
Weight: 0,45 kg
Scope of delivery: with screws DIN 912 - M6x65