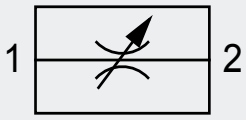
Throttle valve STE

Max. operating pressure 315 bar
Screw-in valve for
cavity STE



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Characteristics

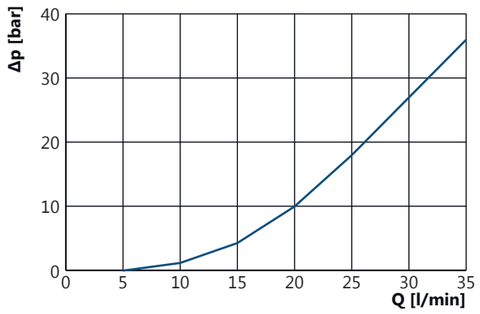
- Screw-in throttle valve
- For manual limitation of flow rates
- Compact design
- Maintenance-free

Technical data

Hydraulic characteristics	Max operating pressure:	315 bar
	Flow direction:	Throttling in both directions
	Nominal width:	Ø 7 - 9 mm
	Operating fluids:	Mineral oils according to DIN 51524, others on request
	Viscosity range:	7.4 - 420 cSt
	Filtration:	Oil purity according to ISO 4406 (1999) 18/16/13, filter with ß 5(c) > 200
Mechanical characteristics	Design:	Screw-in valve
	Adjusting method:	Via a spindle with a hexagon socket
	Adjusting range:	Approx. 9 turns
	Fluid temperature:	-20 °C to +80 °C
	Ambient temperature:	-20 °C to +80 °C
	Storage temperature:	-20 °C to +60 °C (non-condensing)
	Installation position:	Any
	Weight:	0.03 kg
	Materials:	Steel O-ring: NBR, backup ring: Teflon

Characteristic curves

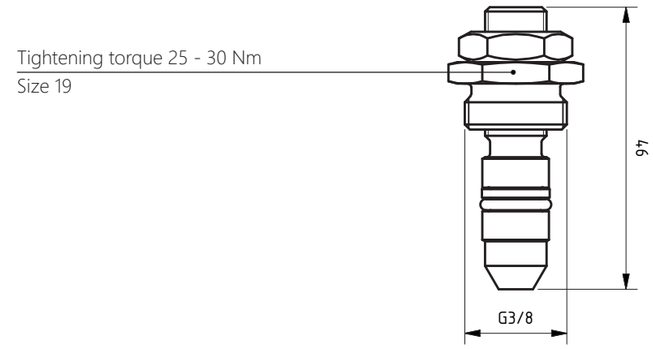
Pressure loss characteristic curve (Δp/Q) STE fully open



Measurement conditions Oil: HLP 32, temperature: 40 °C (~32 cSt)

Dimensions

Throttle valve STE



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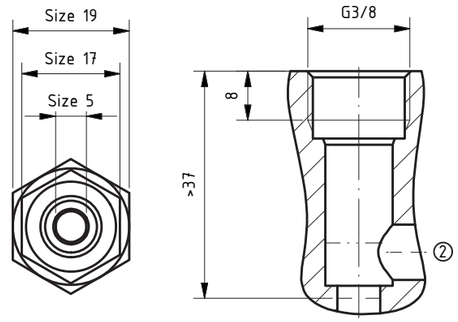
Cavity STE



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NOTE A detailed drawing of the cavity is provided in section 11, *"General information"* at *www.weber-hydraulik.com.*

Type code

STE

Throttle valve

Accessories and further information

Accessories/spare parts	**Article:**	**Article number:**
	Seal kit STE	405.0030

Operating manual Information regarding assembly, commissioning and maintenance is available in section 11, *"General information"* in the *"General Operating Manual"* category or on request.

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Subject to changes