



Valves type *asy/tdv/hl/a* are designed for dosing hot and cold glue at high speeds. The short switching times enable precise dispensing amounts to be defined by modifying the time frame. Heating the valve enables it to be implemented in hot glue temperature ranges. Moreover, any differences in viscosity in cold glue can be evened out through temperature regulation.

Dimensions (LxBxH)	(80 x 70 x 14) mm
Medium	hot and cold glue up to 2000 mPas viscosity
Dosing time	500 $\mu$ s to $\infty$
Dosing frequency	$\leq$ 150 doses/s
Maximum operating pressure	100 bar
Throughput	$\geq$ 300 g/min at 1000 mPas at 60 bar
Resonance frequency	$\sim$ 3.5 kHz
Ambient temperature range	to 45 °C
Medium temperature range	to 180 °C
Sealing system	hard (ceramics)
Heating	heater 230 V 100 W
Temperature sensor	PT100
Electrical connection	12-pin connector (UTG)
Medium connection	M8 x 1
Medium output	ceramic nozzle $\varnothing$ 0.3 mm (standard)
Degree of protection	IP 54

## Application

For implementation in hot and cold glue applications either in individual or automated processes.

**Attention:** the heating sequence must be observed!

When starting up on a glue supply system, the heating must be switched on in the following order:

- Glue pot
- Glue tube
- Valve

Order Number	Release	Description
<i>asy/tdv/hl/a</i>	1.0	Heated Dosing Valve
<i>ase/pcs/1/dyn/a</i>	1.0	Control electronics