

KA-2/HDIS ATEX
miniature automatic spray valve



schütze
SPRAYTECHNOLOGY



KA-2/HDIS ATEX

miniature automatic spray valve



The KA-2/HDIS miniature automatic spray valve is a pneumatic applicator for the extremely fine application of thin media, e.g. paints or release agents.

The spraying process is generated by the control air, the material feed pressure and the atomising air and can take the form of either an intermittent or a continuous process. Depending on which air cap is used, the output may be flat or round.

The spray valves of the KA-2/HDIS series have an integrated spray air valve for pre-air and post-air control.

The functional connections can be installed from both the rear and from underneath. Material circulation is possible.

The function of the needle is:
to open in response to compressed air and to close in response to spring pressure.

- With ATEX certification
(explosion protection zone 1 as per ATEX directive)
- Available nozzle sizes:
ø 0.2 / 0.3 / 0.5 / 0.8 / 1.0 / 1.2 / 1.5 / 2.0 / 2.5 mm
- Raster regulation for easy setting of the material flow
- Air caps for different spraying angles available for delivery

Technical data:

Dimensions (without connections):

58.5 x 25 x 25 mm (round spray pattern air cap)
61.5 x 25 x 25 (flat spray pattern air cap)

Weight:

approx. 219 g (with clamp approx. 259 g)

Control air pressure:

5 - 6 bar

Atomising air pressure:

0.5 - 6 bar

Material pressure:

max. 13 bar

Material temperature:

max. 80°C

Perm. ambient temperature:

-20°C
+40°C

Special designs on request.
Technical alterations reserved.
For further information please contact us.