

certificate  
no. **HM 230177**  
dated 2023-12-20

Translation In any case, the German original shall prevail.

## DGUV Test Certificate

Name and address of the holder of the certificate: (customer) ROSS EUROPA GmbH  
Robert-Bosch-Straße 2  
63225 Langen  
GERMANY

Product designation: **3/2-way safety valve with/without soft-start and autom. reset**

Type: M35 series

Testing based on: GS-HM-21:2023-12 Presses and forging machines

Test report: No. 2023-0057-01 dated 2023-12-05

Further details: Intended use:  
Safe disconnection and venting

Remarks:  
See Annex.

Follow-up certificate of HSM 18019 dated 2021-06-25.

The type tested meets the requirements specified in article 3 para. 1 of the German Product Safety Act. Thus, the type tested also complies with the provisions laid down in the directive 2006/42/EC (**Machinery**). The holder of the certificate is entitled to affix the DGUV Test mark shown overleaf to the products complying with the type tested.

The present certificate including the right to affix the DGUV Test mark is valid until: **2028-12-19**

Further provisions concerning the validity, the extension of the validity and other conditions are laid down in the Rules of Procedure for Testing and Certification.

  
Dipl.-Ing. Jan Stegmann  
Head of Certification Body



# DGUV Test mark

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# Annex

to Certificate No. HM 230177 dated 2023-12-20

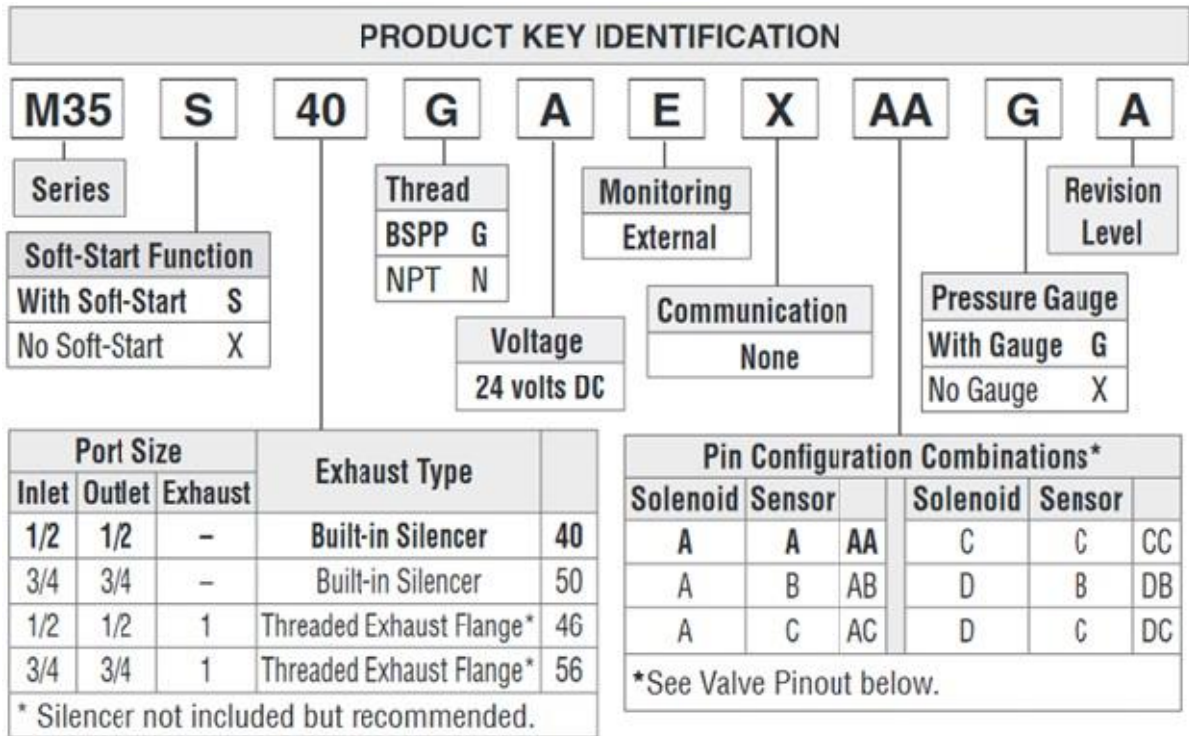
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Name and address of the certificate holder:

ROSS EUROPA GMBH  
 Robert-Bosch-Straße 2, 63225 Langen

Product designation:

**3/2-way safety valve with/without soft-start and autom. reset**  
 Type M35 series



## Annex

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The intended use includes:

- the selection and installation according to the specifications of the manufacturer and the requirements of the applicable product standard (provided there exists no special regulation which conflicts with the application) or following the results of a risk assessment;
- compliance with the operating instructions;
- that a "shut-down device at minimum pressure" is provided;
- that the venting time - if safety-relevant - of a connected system is determined in the event of a safety valve fault (venting via ONE valve half) and that the safety concept is adapted to the time determined in this way;
- the execution of safety checks in accordance with country-specific provisions and instructions from ROSS EUROPA;


With the appropriate application, "Performance Level" PL e (Cat. 4) in accordance with DIN EN ISO 13849-1 is achieved for the safety function "Pressure build-up from '1' to '2' and pressure release from '2' to '3'".

Due to its design, the safety valve cannot prevent a slow drop of a held-up load after energy cut-off or in case of energy failure. Additional safety measures may be necessary;

The safety valve is not intended for controlling the (clutch and) brake of mechanical presses according to DIN EN ISO 16092-1/-2.

This certificate does not cover any safety aspects relating to explosion protection nor any assured non-safety relevant properties. The manufacturer's risk assessment has not been examined.

Mainz, 20.12.2023

  
Jan Stegmann  
Head of Certification Body

