

certificate
no. **HSM 21015**
dated 2021-05-12

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: **Double valve**

Type: CC4 series (ordering instructions, s. Annex)

Testing based on: GS-HSM-01 "presses", 06-2020

Test report: No. 2020-011 dated 12.05.2021

Further details: Intended use:
Stopping and safe holding of a cylinder

Remarks:
see Annex.

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: **2026-05-11**

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

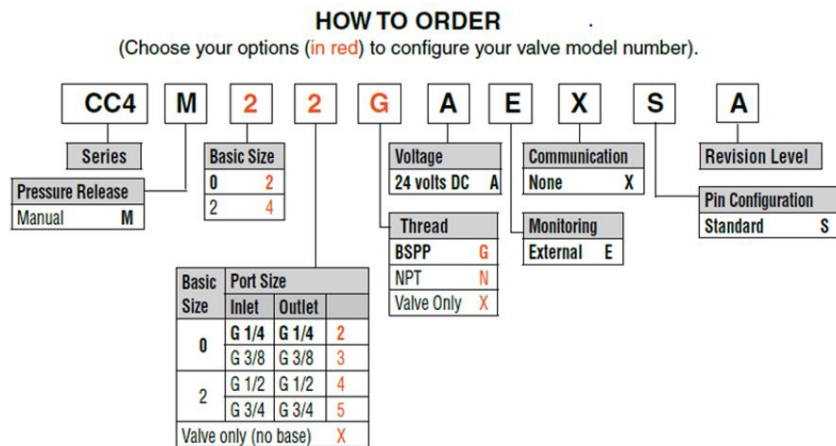


DGUV Test mark




TRANSLATIONName and address of
certificate holder:
 ROSS EUROPA GmbH
 Robert-Bosch-Str. 2
 63225 Langen

Product designation:

Double valve
 Type: CC4 series
**Remarks:**

- Installation in compliance with manufacturer's specifications and requirements of the applicable standards (under the prerequisite that no special regulation prohibits the application).
- Measures preventing the double valve from switching on when the pressure returns are necessary on the machine.
- In case of installation in a pneumatic downstroke press or vertical processing machine with an existing risk of injury due to a drop in load, at least the "Trapped Pressure Release Valve" on the ring side must be prevented from general access.
- In order to exclude the fall-back of a drive which is controlled by the double valve in case of pressure drop during the start-up movement (with muted "main safety system"), an additional check valve must be provided externally, depending on the load pressure in relation to the minimum required control air pressure of the double valve.
- In conjunction with machine-related measures (adequate diagnostics, pressure media filtration, etc.), the safety function "stopping and safe holding of a cylinder" is capable of achieving DIN EN ISO 13849-1: PL e (category 4).
- This certificate does not cover any safety aspects relating to
 - use for a purpose other than specified above
 - explosion protection
 and does not cover any warranted non-safety related characteristics. The manufacturer's risk assessment has not been examined.

Düsseldorf, 12.05.2021


 (Dipl.-Ing. Stegmann)
Head of Certification Body
In any case, the German original shall prevail.