

certificate
no. **HSM 19023**
dated 2019-08-15

Translation In any case, the German original shall prevail.

DGUV Test Certificate

Name and address of the holder of the certificate: (customer) Parker Hannifin Manufacturing France SAS
PNEUMATIC DIVISION EUROPE
534 rue Henri Becquerel
27031 EVREUX CEDEX
FRANCE

Product designation: **Modular safety exhaust valve**

Type: P33 (ordering information see Annex)

Testing based on: GS-HSM-01 "Presses", 04-2018

Test report: No. 2019-028 dated 15.08.2019

Further details: Intended use:
Safe shut-off and exhaust


Remarks:
See Annex.

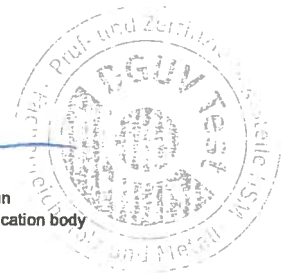
The type tested meets the requirements specified in article 3 para. 1 of the German Product Safety Act. Thus, the type tested also complies with the provisions laid down in the directive 2006/42/EC (**Machinery**). The holder of the certificate is entitled to affix the DGUV Test mark shown overleaf to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

The present certificate including the right to affix the DGUV Test mark is valid until: **2023-12-18**

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.



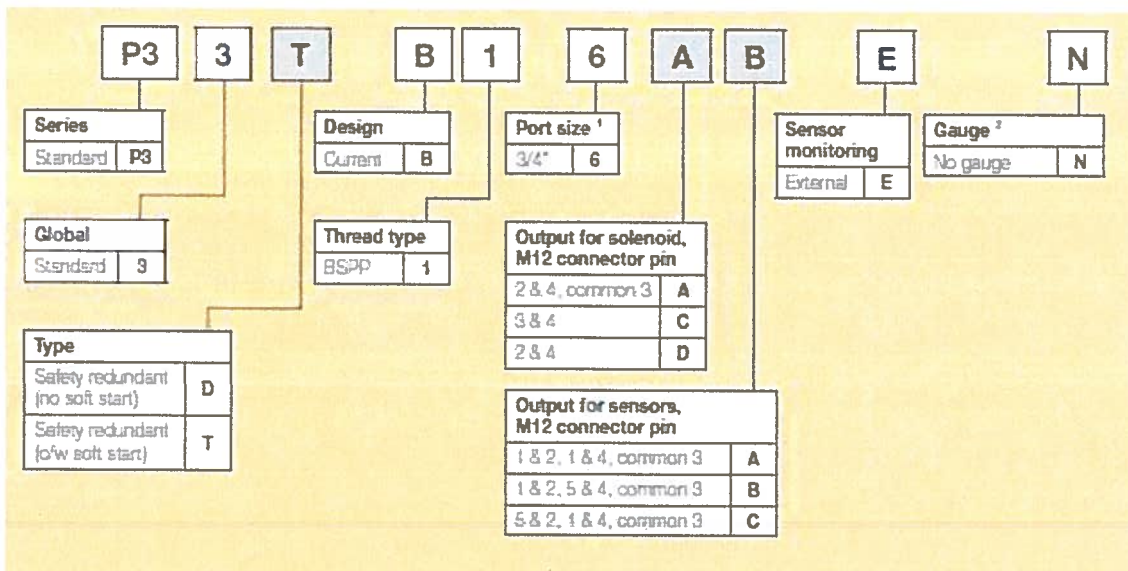

Dipl.-Ing. Jan Stegmann
Deputy head of testing and certification body



Name und Anschrift des
 Bescheinigungsinhabers: Parker Hannifin Manufacturing France SAS
 PNEUMATIC DIVISION EUROPE
 534 rue Henri Becquerel
 27031 EVREUX CEDEX
 France

Produktbezeichnung: **Modular safety exhaust valve**
 Type: P33

Ordering information



Notes:

1. Use 1/2" port connection blocks on 3/4" standard housings for 1/2" ports
2. Gauges available as accessory

Note: Fastening elements, gauges and port connection blocks can be purchased separately

Remarks:

- Installation in compliance both with manufacturer's specifications and requirements of the applicable standards (under the prerequisite that no special regulation prohibits the application/use)
- A "min. pressure cut-off facility" must be provided
- The valve solenoids and (depending on the Performance Level the safety function is to achieve) the pressure sensors of the modular safety exhaust valve, P33 series, must be integrated into the safe electrical machine control system/facility control system
- The modular safety exhaust valve, P33 series, is not intended to be used for controlling the clutch/brake of mechanical presses
- Use of the modular safety exhaust valve, P33 series is admissible only if clogging of the silencer cannot lead to a hazardous condition
- With the appropriate application, performance level „e“ (cat. 4) of DIN EN ISO 13849-1 is achieved for the safety function „Pressure building up from ,1' to ,2' and pressure dropping from ,2' to ,3'“.
- This certificate does not cover any safety aspects with regard to explosion protection, nor does it cover any promised, non-safety-relevant properties.

Düsseldorf, 15.08.2019

signed Stegmann

(Dipl.-Ing. Stegmann)

Deputy Head of the Testing and Certification Body

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DGUV Test mark

