



Flow Control Division

GESTRA Steam Systems

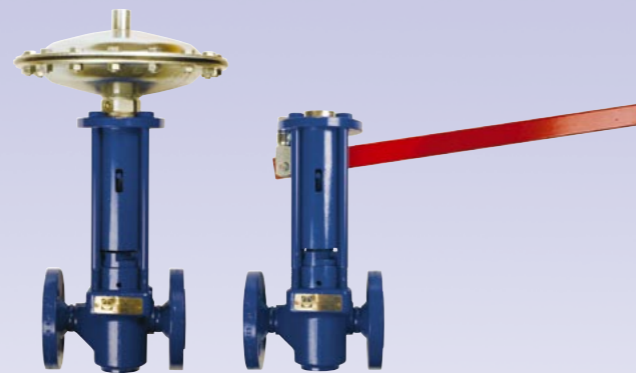


Flow Control Division
GESTRA Steam Systems

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and address overleaf!

The Benefits of the New GESTRA Intermittent Blowdown Valves

- ▶ **Improved blowdown effectiveness** through integrated pressure chamber in the outlet section of the body
- ▶ **Greater tightness** through additional wiper rings between the packing seals
- ▶ **Longer life and availability** through radial stage nozzle downstream of the valve seat
- ▶ **Insensitive to waterhammer** through absence of large body cover
- ▶ **Reduced wear** through new arrangement of the seals on the low-pressure side
- ▶ **Consistent implementation of the work safety regulations** through novel distance tube
- ▶ **Quick and easy installation** through multifunction parts
- ▶ **Reduced maintenance and service effort** through additional cup springs on the seals and through the possibility of tensioning the seals from outside
- ▶ **Better checking functionality** through relief vent for leak detection from outside
- ▶ **Greater convenience** through innovative clip fastening of the hand lever (PA 46/47)



MPA 46

PA 46

Further information on GESTRA intermittent blowdown valves is available for download free of charge at:
www.gestra.de

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GESTRA
With Energy into the Future

The new MPA and PA

Proven designs, now advanced and enhanced

GESTRA
Intermittent
Blowdown Valves



formerly

REPLY:

GESTRA GmbH
P.O. Box 10 54 60
D-28054 Bremen

Attach
postage stamp
here

For many decades now, the rapid-opening and rapid-closing intermittent blowdown valves made by GESTRA have allowed the optimum discharge of dangerous blowdown substances from boiler plants during running operation.

The new GESTRA intermittent blowdown valve PA 46 is based on the technology proven by the GESTRA PA 26 over more than 20 years, and is setting new standards in the market – thanks to innovative detail improvements, utilization of the latest technical possibilities, and the many years of GESTRA know-how gained in the high-pressure area.

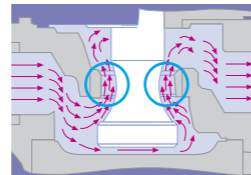
The GESTRA MPA and PA Proven and new – all in one

The pressure drop was shifted downstream to protect the valve seat, a new self-tensioning seal system was integrated to provide longer service periods, and a turbulence chamber was provided. An encapsulated tube structure protects the internals and the operator, as does a newly developed body forging, which permits a much more compact design, owing to the optimized utilization of material. Because the design does away with all large body covers, these units are absolutely immune to waterhammer and pressure impacts. Leakage can be checked separately from outside.

The Technical Highlights



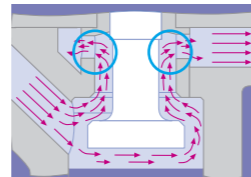
Additional radial stage nozzle
The smallest cross-section for passage of the media is located downstream of the valve seat.



Larger pressure drop:
The valve seat of the PA 46 was relocated in comparison to the PA 26, yielding an appreciable reduction in wear.

Previous arrangement

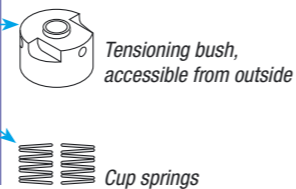
Zones of highest flow velocity



New arrangement

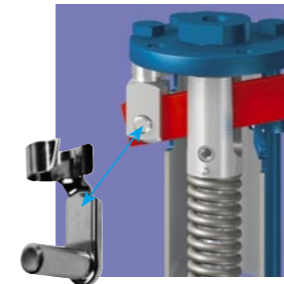


Separate pre-tensioning of the seal:



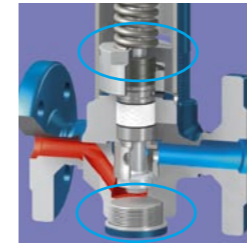
Patented protection tube and body forging:

Optimized economy of space leads to remarkable savings in weight. Unique GESTRA technology protects against injury and fouling.



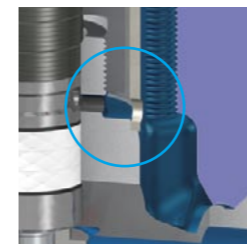
Clip fastening of the hand lever:

The unit can easily be retrofitted and is convenient to operate.



No large body cover:

There are only small openings in the upper and lower part, which makes the valve absolutely immune to pressure impacts and waterhammer.



Check hole:

The check hole permits the targeted discharge of possible media leakage, thus permitting easy detection of whether the seal has to be re-tensioned, without any need to open up the valve.

FAX Reply

Fax +49(0)421/3503-393

Yes, I am interested in more information about the intermittent blowdown valves MPA 46 and PA 46:

- Data sheet
- Installation and service instructions
- Quotation

- GESTRA Price List
- Information on GESTRA seminars

- Please phone me – I have a few questions.
- Please arrange to visit me.

Name:

Company:

Department:

Tel./fax:

E-mail:

Street:

Postal code / town:

Country: