

## Benefits of the New Continuous Blowdown Valves

- ▶ Extended plant service lifetime through improved closing action and shut-off tightness
- ▶ Design and quality conforming to PED, AD2000, ASME B 16.34 and ASME B 31.1
- ▶ BA(E) 47 valves support PN 63 applications
- ▶ ASME flange connections to Class 150, Class 300 and Class 400
- ▶ Butt-weld and socket-weld ends to EN and ASME
- ▶ Nominal sizes from DN 15 to DN 50 now as standard supply
- ▶ Patented nozzle stem with 270° turning radius makes it possible to adjust the continuous blowdown flowrates in a range formerly only possible with three different types of continuous blowdown valves
- ▶ Flowrate for continuous operation increased by 30 %
- ▶ Reduced inventories of spare parts, thanks to fewer valve variants
- ▶ If the continuous blowdown flowrates are changed later (e.g. when the water quality or boiler service pressure is altered), there is no need to retrofit or modify the valve
- ▶ Driving of the continuous blowdown valve via SPECTOR<sup>bus</sup> (CANopen) is implemented through the standard types BAE 46-40 and BAE 47-40



Further information on GESTRA continuous blowdown valves is available for download free of charge at: [www.gestra.de](http://www.gestra.de)

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With Energy into the Future

# GESTRA

## BA(E) 46 and BA(E) 47

*The new continuous blowdown valves*





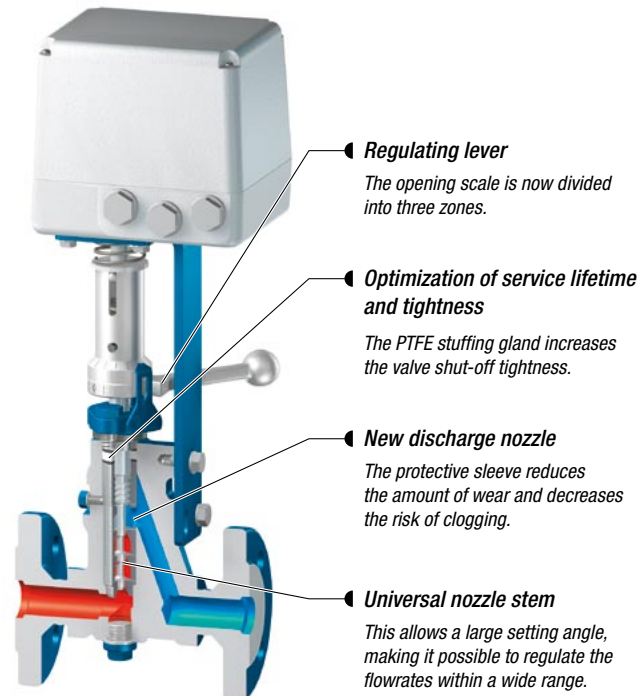
## GESTRA BA(E) 46/47: A New Generation of Stage-Nozzle Control Valves

With the innovative engineering of the BA-type continuous blowdown control valves, GESTRA has been setting the market standard for decades now.

The new generation of GESTRA continuous blowdown valves BA(E) 46 and BA(E) 47 unites proven technology with the quality and versatility of the successful BA(E) 36 series. The combination of trail-blazing system solutions in the high-pressure range with new structural details yields elevated service pressures and working temperatures, cutting costs at the same time.

The patented universal nozzle stem permits a much larger setting angle for reliable regulation of the flow-rates, which reduces the number of variants needed. Stock-keeping as well as plant design, construction and maintenance are thus optimized considerably. Thanks to GESTRA know-how, the service lifetime and shut-off tightness are also enhanced.

### Technical Features



#### Operation

The electrical drive EF1-40 is fitted with a CANopen communication interface.



#### Approval of BA 46 and BA 47

For use in explosion-risk areas 1, 2, 21 and 22 (1999/92/EG), CE II 2G/D cX according to the European ATEX Directives DIN EN 1127-1, 13463-1 and 13463-5.



#### ASME

The GESTRA continuous blowdown valves BA(E) 46/47 meet all the requirements of the ASME Code B 16.34.