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# nieuwsbrief



## Upgrade SAX dust valve!

In 2005 TBMA developed a light-duty, rotary valve for use under dust filters and cyclones. This airlock has recently been re-evaluated by our engineering department to ensure that the valve continues to comply with the ever-increasing regulatory requirements.

The SAX 250 is manufactured from a revolutionary material GGG 50 known by the trade name Smart Lite. This material allows thinner-walled castings to be manufactured without compromising the valve strength requirement. It offers excellent fatigue specifications, corrosion resistance and an economical use of materials. This results in a rotary valve which only weighs 57 kg.

### Autonomous protective system for dust class ST2

From its conception the SAX 250 was available as a stand alone security device for dust class ST1. However, the market requirements did not stand still and we have therefore further developed the SAX 250 and made it suitable for a wider range of applications. The SAX 250X-1 can now be used as an autonomous protective system under the following conditions:

- Suitable for dust class St1 and St2 (max. 300 bar.m/s).
- Suitable for zone 21, 2 and 22, II and II 2D 3G/D (depending on mounted drive)
- Explosion pressure resistant up to 2.5 bar with polyurethane rotor blades
- Flame secure in both directions
- Max. allowable product temperature: 120°C

The new autonomous protective version will be designated SAX 250X-1. The SAX 250 rotary valve will also still be available in a basic 6 blade rotor (SAX 250) and a standard 8 blade rotor version (SAX 250X).



**SmartLite™**



### For more information:

For more information on SAX rotary dust valves you can visit our web sites: [www.tbma.com](http://www.tbma.com) or [www.rotary-valve.info](http://www.rotary-valve.info). If you have a specific question concerning TBMA rotary valves please contact: Mr. Peter Jungbacker, on 0031 252 345601 or E-mail: [p.jungbacker@tbma.com](mailto:p.jungbacker@tbma.com)

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