

NEW!

Saunders[®] XA
Ultimate Series Diaphragm
For Industrial Applications

www.cranechempharma.com

Improved handling of chemically aggressive slurries

Developed in-house using a compound based on an ethylene propylene (EP) technology, the Saunders[®] XA offers increased erosion resistance in both corrosive and abrasive applications, including fertilizer, metals, chemical and mining.

The distinctive design of this new diaphragm benefits users by:

- 1 Providing enhanced flex life, resulting in reduced down time and improved productivity, thereby equating to a **lower cost of ownership**.
- 2 Demonstrating a 25% improvement in elastic recovery, which results in a better sealing performance and **reduced emissions**.
- 3 Allowing for **maximized rebound resilience**, leading to improved erosion resistance while maintaining the same high level of chemical resistance as previous Saunders EP and butyl-based diaphragms.



100% compatible with all existing Saunders industrial diaphragm product ranges.

CRANE

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Product features

New diaphragm material based on the ethylene propylene technology

Excellent resistance to most acids and alkalis found in mining and minerals processing, further enhanced by the specific reinforcement and curing process

100% compatible with all existing Saunders industrial product ranges and available for both new installations and for diaphragm replacements in existing Saunders valves

Virtually leak-tight operation

Traceability of materials and a coding tag for both materials and manufacturing data for easy identification

Typical applications

- Digestion
- Beneficiation
- Concentration
- Flotation / filtration
- Leaching
- Crystallization
- Evaporation
- Waste streams
- Reclaim water treatment

Diaphragm materials

A polymer of ethylene, propylene and diene monomers, carbon black reinforced

Temperature range

Type A: -40°C to 130°C / -40°F to 266°F

Type KB: -40°C to 100°C / -40°F to 212°F

Size range

Type A: 8mm to 350mm (¼ inch to 14 inch)

Type KB: 15mm to 350mm (½ inch to 14 inch)

Compliance and traceability

- Reference code molded directly onto the diaphragm for traceability
- Material physical data available upon request
- All valves comply with the Pressure Equipment Directive (PED) 97/23/EC and conform to EN 13397 and MSS SP88
- Saunders can supply valves in accordance with ATEX Directive 94/9/EC to Group II, Category 2, GD c T3-T6

For further technical information please contact Saunders or your local supplier

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