

NEW!

**Saunders[®] IDV
Diaphragm Ranges**

www.cranecpe.com

85 years of in-house polymer expertise.

eXtreme Elastomer Range

Key features include:

- 1 Diaphragms constructed with multiple layers of rubber and fabric reinforcement for optimised flex performance, even in high-cycle applications
- 2 Sealing ribs on the diaphragms wetted face provide enhanced leak tight sealing capabilities and lower closure torques
- 3 Proprietary formulations, solely manufactured in-house, deliver the necessary physical properties to provide excellent abrasion and corrosion resistance



Size Range :

A Type: DN008 - DN350

KB Type: DN015- DN350

Saunders[®] Xb IIR

Typical Applications: Brine, Caustic, Lime , Process Water, Instrument Air, Gypsum

Saunders[®] Xe EPDM

Typical Applications: Dilute Acids & Alkalis, Drinking Water

Saunders[®] Xc Chemical

Typical Application: Strong Acids

Saunders[®] Xf Fire

Typical Application: Fire Fighting Systems

CRANE[®]

Saunders® IDV Diaphragm Range

High Performance PTFE Range

Key features include:

- ① Unique stainless steel bayonet fitment; reduces point loading, improves sealing performance and facilitates correct diaphragm installation
- ② Third generation two-piece construction increases pressure rating and enhances durability, providing a longer diaphragm lifetime
- ③ 100% virgin PTFE contact face is chemically inert, offering improved corrosion resistance and extending diaphragm lifetime in the most aggressive of services



Size Range :

A Type: DN015 – DN250

Saunders® P_B PTFE/IIR

Typical Applications: Concentrated Acids & Alkalis, Caustic Soda

Saunders® P_E PTFE/EPDM

Typical Applications: Concentrated Acids & Alkalis

Saunders® K_E PTFE/PVDF/EPDM

Typical Application: Chlorinated solvents

Saunders® P_c Aggressive Chemical

Typical Application: Strong acids, Chlorine, Bromine at high temperature

Saunders® K_c Chlorine

Typical Application: Wet Chlorine

Existing Range

Saunders® 237 Hypalon

Typical Application: Sodium Hypochlorite

Saunders® Q & AA Natural Rubber

Typical Application: Alumina, Sand, China Clay

Saunders® C Nitrile

Typical Application: Oils, Paraffin

Saunders® HT Neoprene

Typical Application: Hydrocarbons

Saunders® 300V Butyl & CV Nitrile

Typical Application: High vacuum

Need Technical assistance ? Ask the experts.
IDVexperts@cranecpe.com

Crane ChemPharma & Energy, Saunders®