

Saunders®

INDUSTRIAL DIAPHRAGM VALVES

**PFA
LINED
STAINLESS
STEEL**



For
ULTRA PURE APPLICATIONS

OTHER FEATURES:

- Ideally Suited for PTFE Lined Pipe Systems
- Exceptional Chemical Resistance to Acids, Alkalis and Salts
- Manual, Automated On/Off and Modulating Control Versions
- Zero In-Line Leakage
- 1"- 3" Sizes

CRANE®

a Crane Co. Company

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Flow Technologies Ltd.

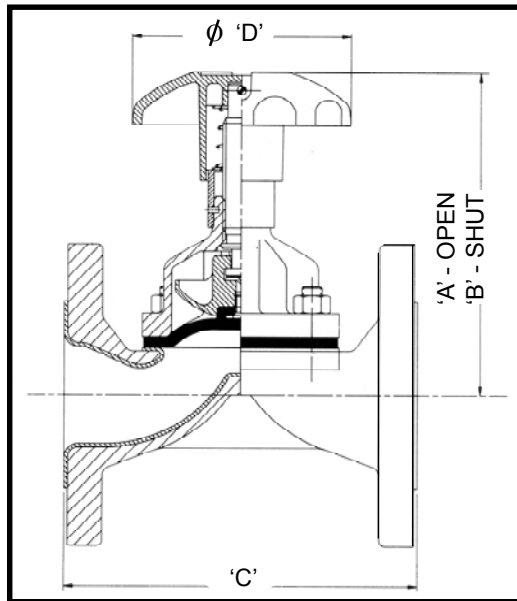
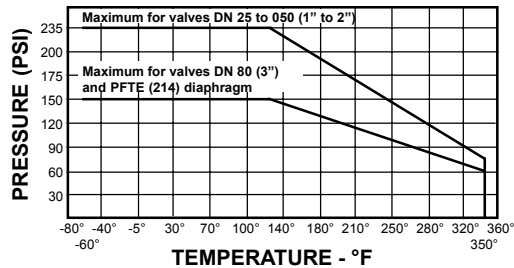
XOMOX®
Process Valves & Actuators

Saunders Model 3456 Stainless Steel PFA Lined

PFA Perfluoroalkoxy, High Performance Fluorocarbon Lining is resistant to heat and stress cracking and its moisture absorption is negligible. In addition, it is inert to strong mineral, oxidizing and inorganic acids and is resistant to Bases, Halogens, Metal Salt solutions, Organic Acids and Anhydrides, Aromatic and Aliphatic Hydrocarbons, Alcohols, Aldehydes, Ketones, Ethers, Amines and Esters. PFA is also FDA approved.

In addition to PFA, Xomox offers a complete range of other Saunders lined diaphragm valves for customers to choose from, including a variety of Rubber grades, Polypropylene, PTFE, ETFE (Tefzel) and Borosilicate Glass to suit application and budget requirements

Valve Temperature/Pressure Relationship



% OPEN	CV DATA - VALVE SIZE			
	1	1 1/2	2	3
10	1.6	4.3	8.0	20.7
20	3.1	8.7	16.0	41.4
30	4.7	13.0	25.0	62.0
40	6.3	17.3	33.0	83.0
50	7.8	21.7	41.0	103.0
60	9.4	26.0	50.0	124.0
70	9.9	27.0	52.0	130.0
80	10.3	28.5	54.0	136.0
90	10.8	29.8	56.0	142.0
100	11.2	31.0	59.0	148.0

SIZE	1	1 1/2	2	3
A	4.41	6.38	6.93	9.68
B	4.02	5.71	6.1	8.31
C	5.24	6.73	7.72	10.24
D	3.15	4.72	4.72	9.06

DIMENSIONS (INCHES)



PTFE DIAPHRAGM SELECTIONS		
CODE/GRADE	DESCRIPTION	TEMP. RANGE
P2 (214/425)	PTFE/EPM	-5° TO 320°F
P3 (214/226)	PTFE/Viton	25° TO 350°F
P7 (214-K-425)	PTFE/PVDF/EPM	-5° TO 265°F

NOTE: REFER TO INDUSTRIAL CATALOG FOR ADDITIONAL DIAPHRAGM SELECTIONS

For More Information
about Saunders Industrial
Diaphragm Valves,
visit our website at
www.saundersvalves.com

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Global Locator
For a listing of Xomox
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and Authorized Distributors, visit
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