

Industrial Diaphragm Valves

CRANE

Saunders

A Continuing Story of Success

Crane Process Flow Technologies Ltd is an international leader in the design, development and manufacture of diaphragm valves and control products under the Saunders brand. Part of Crane Co, a global manufacturing and Sales Organisation, Crane Process Flow Technologies Ltd has a strong worldwide presence via dedicated Sales companies and distribution partners.

P K Saunders invented the original diaphragm valve in 1928. Since then, we have developed our range through innovative designs and by using the latest materials technology. As a result, Saunders diaphragm valves have gained an excellent reputation for versatility and reliability establishing a presence in every process industry sector. Today there are millions of Saunders diaphragm valves installed on process plants around the world.

There is one reason above all others for this success: ours are the valves that engineers know they can trust. We have set the industry standard for dependable, consistent operation year after year under even the most adverse conditions. In choosing Saunders, customers know they are assured of many years of trouble-free and reliable products.



Contents

Page Content	Page No.
Saunders – A Continuing Story of Success	2
Saunders Diaphragm Valve – Features	3
Valves for Corrosive and Abrasive Application	ıs 4
Saunders Diaphragm Valve Range	5
Saunders A Type Diaphragm Valves	
Valve Benefits for Corrosive & Abrasive	
Applications	6/7
Materials of Construction – Valve Bodies	8/9
Materials of Construction – Diaphragms	10/11
Diaphragm Materials and Ratings	12/13
Dimensions, Weights and Standards	14/15
Flow Coefficients – Cv and Kv	16/17
Large Valve Sizes DN400, DN450 and DN500	
Manual Bonnet Options	19
Saunders WFB Type Valves	
WFB Valve Materials of Construction	20
WFB Models and Testing Approvals	21
Saunders KB Type Diaphragm Valves	
Features and Benefits	22/23
Materials of Construction	24
Valve Ratings, Diaphragm Materials	24
Endurance Bonnet	25
Flow Coefficients – Cv and Kv	26
Valve Dimensions & Weights	27
KB Valve Performance	28
Manual Bonnet Options	29
Saunders Pneumatic Valve Actuation	
EC & SSC Actuators	30
ECX Actuators	31
EV and ESM Actuators	32
Valve Throttling and Control	33
EC Materials of Construction SSC Materials of Construction	34 35
ECX Materials of Construction	36
ESM Materials of Construction	37
EV Materials of Construction	38
EC, SSC & ECX Actuator Dimensions	39
ESM & EV Actuator Dimensions	40
Tunion Applications	
Typical Applications Abrasive, Corrosive, Industrial, Aseptic	41
Accessories	
Valve Actuator Accessories	42/43
Engineering Software	
Engineering Selection Tools	44
Quality Assurance	
PED and CE Marking, Approvals	45
Ordering Information	
Valve Model Numbering System	46/49

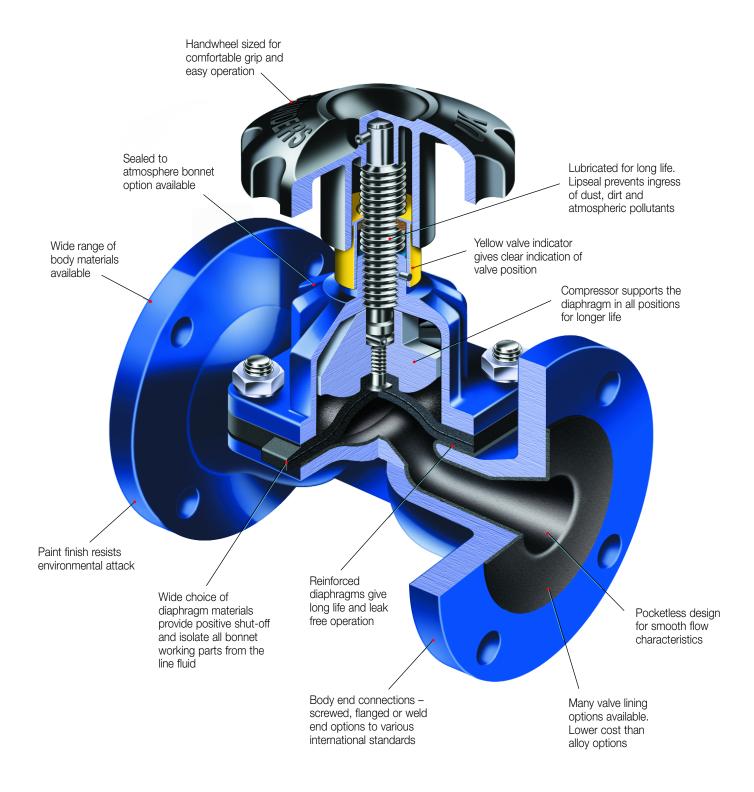
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Notes

The Original and the Best

Saunders diaphragm valve features and benefits for corrosive and abrasive applications with 100% leaktight closure operation



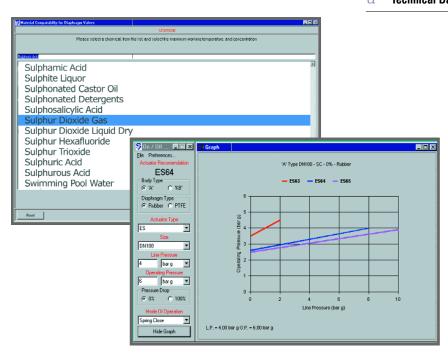
Software to Aid the Process Engineer in Selecting Saunders Products

Engineering Selection Tools

- Material Selection
- u On/Off Actuation
- u Technical Data Sheets

The Saunders Material Selection

Database lists over 1,000 process chemicals – just enter the temperature and concentration and a recommendation for the body and diaphragm material is selected.

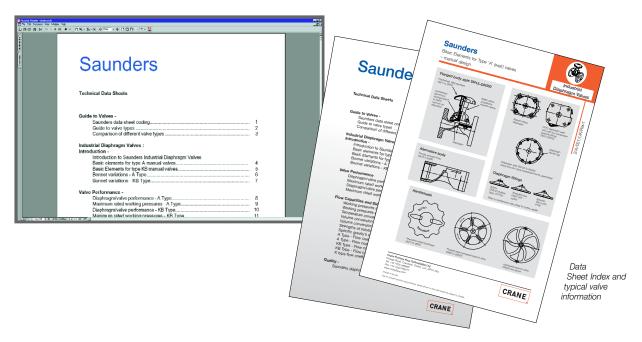


Saunders Data Sheets are available on CD for fast and accurate detailed information on the industrial valve range.

The electronic data manual contains over 100 individual technical data sheets to assist you with the selection of the valve.

On/Off Actuation Selection

By simply entering your process data into the selection boxes the program sizes the actuator to suit your specific requirements.



Quality Statements and Approvals



桑德斯 (Saunders) 是隔膜阀的代名词。

1928年,PK 桑德斯发明了世界上第一个隔膜阀,此后的几十年中,桑德斯公司共生产了3500万个隔膜阀。与仿效者不同,桑德斯公司自己生产复合型隔膜,这对于产品质量极为重要,其产品广泛用于医药,轻工,化工行业。

英国桑德斯(Saunders)一直致力于为生物工程和制药市场提供优化方案。完善的质量保证体系,为桑德斯赢得了良好的市场和声誉。 全球前10位制药公司都使用桑德斯隔膜阀——如Glaxo Wellcome、Smithkline Beecham、Tabuk Pharmaceutical、Biogen、Astra Zeneca、Bayer、Amgen、CSL等。

Saunders用宽泛的产品系列,协助客户开发新的工艺方法和技术,服务于广泛的应用领域。

生物工艺 细胞培养 色素分离 CIP系统

纯水系统 化妆品 发酵 精细化工

食品饮料 注射用制剂 工艺系统 服务和公共系统

超滤系统 注射用水 酵母

SAUNDERS隔膜阀在全球拥有很高的知名度,Saunders公司在隔膜阀的设计、制造、销售等领域处于世界领先水平。

被广泛应用于电厂的水处理、造纸、化工、污水处理等行业。

特点:

无泄漏,切断性能好——采用无填料函结构,节流元件为弹性隔膜,可以做到阀门关闭时不漏。

耐腐蚀和磨蚀性能强——隔膜和阀体衬里均系耐腐蚀和磨蚀性材料制成,且流路平滑,阻力系数小,适用于各种酸碱腐蚀性介质和高浓度带有纤维的介质。

流路无湍流,流阻小,压损小。

材料选择范围广——隔膜和阀体衬里材料种类多,适用于处理多种液体和气体。

体积小, 重量轻, 寿命长。

压力、温度范围大。

即可两位使用又可调节使用。

易于维修——桑达斯隔膜阀在设计上分成三部分,无须将阀从管道上卸下即可 维修和 更新执行机构。

