HOW TO ORDER

The complete figure number of a specific Saunders diaphragm valve is obtained by combining the following:
BODY TYPE, BODY MATERIALS, BONNET/ACTUATOR and DIAPHRAGM.

EXAMPLE: 2” 33 04 - 11 - HT

BODY TYPE

WEIR TYPE VALVES

22 Screwed Ends
23 Socket Weld
33 Flanged-Unlined
34 Flanged-Lined

STRAIGHT THRU

44 Screwed Ends
55 Flanged-Unlined
56 Flanged-Lined

HIGH FLOW

58 Flanged-Unlined
59 Flanged-Lined

CHECK VALVES

66 Flanged-Unlined
67 Flanged-Lined

BODY MATERIAL AND LINING

03 Bronze
04 Cast Iron
05 Ductile Iron
06 Stainless Steel CF8M (316)
07 Cast Steel
08 Alloy 20 CN7M
09 PVC
10 CPVC
21 Soft Rubber Lined
22 Hard Rubber Lined
23 Neoprene Lined
24 Butyl Lined
25 Hypalon Lined
32 Glass Lined
44 Polyethylene Lined Cast Iron Body
46 Tefzel® Lined Cast Iron Body
48 Polypropylene Lined Ductile Iron Body
49 Tefzel® Lined Ductile Iron Body
50 PVDF Kynar Lined Ductile Iron Body
52 PFA Lined Ductile Iron Body
53 PTFE Lined Cast Iron Body, CF*
56 PFA Lined Stainless Steel Body

BONNET

10 Handwheel-Non-Indicating
11 Handwheel-Indicating
13 Sealed Bonnet
22 Chainwheel Operated
27 Bonnet Locking Device
31 Sliding stem
36 Stainless Steel Bonnet
48 Polypropylene
50 PES
53 Fluoropolymer Coated

401-407 Double Acting Actuator
501-507 Spring To Close Actuator
601-607 Spring To Open Actuator

EC4 Double Acting EC
EC5 Spring To Close EC
EC6 Spring To Open EC

850R Pressure Relief Actuator

EX4 ECX Act. (2.5”-6”)
EX5 ECX Act. (2.5”-6”)
EX6 ECX Act. (2.5”-6”)

DIAPHRAGM / DISC

STANDARD DIAPHRAGM

Weir	StraightThru High Flow	Check	
----	**KA**	**----**	Natural Gum Rubber
----	----	**D**	Butyl (Max.Chem.Resist)
C	**KC**	**----**	Nitrile Rubber
D	**KD**	**----**	Butyl (HighTemp. 300) *
E2	**KE2**	**----**	Ethylene Propylene(425) *
HT	**KHT**	**----**	Neoprene
Q	**----**	**----**	Natural / Synthetic

NON-STANDARD DIAPHRAGM

Weir	Straight Thru High Flow	Check	
U	**KU**	**----**	Hypalon (237)
V	**KV**	**V**	Viton® (226)
P3	**----**	**----**	Teflon/Viton® Backing (214/226)
P2	**----**	**----**	Teflon/EPM Backing (214/425) *
S5	**----**	**----**	Teflon/EPM Backing (214S/425) Steam Grade*
P7	----	----	Teflon/EPM Backing w/ PVDF Interlayer (214/425)K

* FDA Approved
®Reg. Trade Mark – Dupont

Diaphragms larger than 3” size for vacuum service are identified by suffix “V”. (e.g. “DV”)