

SAUNDERS Medium diaphragm Series: A Type: 3061 PTFE/Rubber



Saunders PTFE medium diaphragm type A (weir type).

The two piece diaphragm construction with a PTFE face and reinforced rubber backing diaphragm.

The backing diaphragm consists of several layers of high-quality rubber, reinforced with fabric inlay.

With dual sealing ribs: across the weir and around the diaphragm periphery.

Extra reinforcement at the studs.

Available including traceability certificate.

Special execution for passivation service available.

Application:

- For Saunders type A (weir type) diaphragm valve.
- General and (petro-) chemical process industry.
- Food and pharmaceutical installations.



Characteristics

Series: A

Type: 3061

Application

- Recommended in: Chemical, Food & Beverages, Pharma, Utilities, Food primary processes (contact with food)

Diaphragm code	Material	Application	Process	Temperature range
PR	PTFE/EPDM	Biopharm	Ao SIP, CIP.	-20 / +150°C continu, +160°C max short-lived.
SR	TFM/EPDM	Biopharm	Ao steam (Intermittent), SIP, CIP.	-20 / +150°C continu, +160°C max short-lived.
EX	TFM/VMQ	Biopharm	Ao steam (continuous), SIP, CIP.	-20 / +175°C
PE	PTFE/EPDM	Industrial	Ao concentrated acids and alkalis.	-20 / +150°C
PB	PTFE/IIR	Industrial	Ao concentrated acids and alkalis, caustic soda.	-20 / +150°C
PC	PTFE/FKM	Industrial	Ao strong acids, chlorine, bromine at higher temperatures.	-5 / +175°C
KE	PTFE/PVDF/EPDM	Industrial	Ao chlorinated solvents.	-20 / +120°C
KC	PTFE/PVDF/FKM, Titanium knob	Industrial	Ao wet chlorine.	-20 / +120°C
More extensive compatibility information and advice on request.				

Application	Suitable for type	Type of diaphragm	Membrane material	Material code diaphragm	Nominal inside diameter of valve	Connection pressure piece	Minimum medium temperature [continuous] °C	Maximum medium temperature [continuous] °C	Article
Industry	A [Weir type]	Line diaphragm, 2-layers	PTFE/EPDM	PE	1/4" [8]	Knob	-20	150	13619934

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Application	Suitable for type	Type of diaphragm	Membrane material	Material code diaphragm	Nominal inside diameter of valve	Connection pressure piece	Minimum medium temperature (continuous) °C	Maximum medium temperature (continuous) °C	Article
Industry	A [Weir type]	Line diaphragm, 2-layers	PTFE/EPDM	PE	3/8" [10]	Knob	-20	150	13619935
Industry	A [Weir type]	Line diaphragm, 2-layers	PTFE/EPDM	PE	1/2" [15]	Bayonet	-20	150	13619936
Industry	A [Weir type]	Line diaphragm, 2-layers	PTFE/EPDM	PE	3/4" [20]	Bayonet	-20	150	13619937
Industry	A [Weir type]	Line diaphragm, 2-layers	PTFE/EPDM	PE	1" [25]	Bayonet	-20	150	13619938
Industry	A [Weir type]	Line diaphragm, 2-layers	PTFE/EPDM	PE	1.1/4" [32]	Bayonet	-20	150	13619939
Industry	A [Weir type]	Line diaphragm, 2-layers	PTFE/EPDM	PE	1.1/2" [40]	Bayonet	-20	150	13619940
Industry	A [Weir type]	Line diaphragm, 2-layers	PTFE/EPDM	PE	2" [50]	Bayonet	-20	150	13619941
Industry	A [Weir type]	Line diaphragm, 2-layers	PTFE/EPDM	PE	2.1/2" [65]	Bayonet	-20	150	13619943
Industry	A [Weir type]	Line diaphragm, 2-layers	PTFE/EPDM	PE	3" [80]	Bayonet	-20	150	13619944
Industry	A [Weir type]	Line diaphragm, 2-layers	PTFE/EPDM	PE	4" [100]	Bayonet	-20	150	13619945
Industry	A [Weir type]	Line diaphragm, 2-layers	PTFE/EPDM	PE	5" [125]	Bayonet	-20	150	13619946
Industry	A [Weir type]	Line diaphragm, 2-layers	PTFE/EPDM	PE	6" [150]	Bayonet	-20	150	13619947
Industry	A [Weir type]	Line diaphragm, 2-layers	PTFE/FPM	PC	1/2" [15]	Bayonet	-5	175	13619948
Industry	A [Weir type]	Line diaphragm, 2-layers	PTFE/FPM	PC	3/4" [20]	Bayonet	-5	175	13619949
Industry	A [Weir type]	Line diaphragm, 2-layers	PTFE/FPM	PC	1" [25]	Bayonet	-5	175	13619950
Industry	A [Weir type]	Line diaphragm, 2-layers	PTFE/FPM	PC	1.1/4" [32]	Bayonet	-5	175	13619951
Industry	A [Weir type]	Line diaphragm, 2-layers	PTFE/FPM	PC	1.1/2" [40]	Bayonet	-5	175	13619952
Industry	A [Weir type]	Line diaphragm, 2-layers	PTFE/FPM	PC	2" [50]	Bayonet	-5	175	13619953
Industry	A [Weir type]	Line diaphragm, 2-layers	PTFE/FPM	PC	3" [80]	Bayonet	-5	175	13619954
Industry	A [Weir type]	Line diaphragm, 2-layers	PTFE/FPM	PC	4" [100]	Bayonet	-5	175	13619955
Industry	A [Weir type]	Line diaphragm, 2-layers	PTFE/IIR [butyl]	PB	1/4" [8]	Knob	-20	150	13619920
Industry	A [Weir type]	Line diaphragm, 2-layers	PTFE/IIR [butyl]	PB	3/8" [10]	Knob	-20	150	13619921
Industry	A [Weir type]	Line diaphragm, 2-layers	PTFE/IIR [butyl]	PB	1/2" [15]	Bayonet	-20	150	13619922

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Application	Suitable for type	Type of diaphragm	Membrane material	Material code diaphragm	Nominal inside diameter of valve	Connection pressure piece	Minimum medium temperature (continuous) °C	Maximum medium temperature (continuous) °C	Article
Industry	A (Weir type)	Line diaphragm, 2-layers	PTFE/IIR (butyl)	PB	3/4" [20]	Bayonet	-20	150	13619923
Industry	A (Weir type)	Line diaphragm, 2-layers	PTFE/IIR (butyl)	PB	1" [25]	Bayonet	-20	150	13619924
Industry	A (Weir type)	Line diaphragm, 2-layers	PTFE/IIR (butyl)	PB	1.1/4" [32]	Bayonet	-20	150	13619925
Industry	A (Weir type)	Line diaphragm, 2-layers	PTFE/IIR (butyl)	PB	1.1/2" [40]	Bayonet	-20	150	13619926
Industry	A (Weir type)	Line diaphragm, 2-layers	PTFE/IIR (butyl)	PB	2" [50]	Bayonet	-20	150	13619927
Industry	A (Weir type)	Line diaphragm, 2-layers	PTFE/IIR (butyl)	PB	2.1/2" [65]	Bayonet	-20	150	13619928
Industry	A (Weir type)	Line diaphragm, 2-layers	PTFE/IIR (butyl)	PB	3" [80]	Bayonet	-20	150	13619929
Industry	A (Weir type)	Line diaphragm, 2-layers	PTFE/IIR (butyl)	PB	4" [100]	Bayonet	-20	150	13619930
Industry	A (Weir type)	Line diaphragm, 2-layers	PTFE/IIR (butyl)	PB	5" [125]	Bayonet	-20	150	13619931
Industry	A (Weir type)	Line diaphragm, 2-layers	PTFE/IIR (butyl)	PB	6" [150]	Bayonet	-20	150	13619933
Industry	A (Weir type)	Line diaphragm, 3-layers	PTFE/PVDF/EPDM	KE	1/2" [15]	Bayonet	-20	120	13582038
Industry	A (Weir type)	Line diaphragm, 3-layers	PTFE/PVDF/EPDM	KE	3/4" [20]	Bayonet	-20	120	13582039
Industry	A (Weir type)	Line diaphragm, 3-layers	PTFE/PVDF/EPDM	KE	1" [25]	Bayonet	-20	120	13582040
Industry	A (Weir type)	Line diaphragm, 3-layers	PTFE/PVDF/EPDM	KE	1.1/2" [40]	Bayonet	-20	120	13582041
Industry	A (Weir type)	Line diaphragm, 3-layers	PTFE/PVDF/EPDM	KE	2" [50]	Bayonet	-20	120	13582042
Industry	A (Weir type)	Line diaphragm, 3-layers	PTFE/PVDF/EPDM	KE	2.1/2" [65]	Bayonet	-20	120	13582043
Industry	A (Weir type)	Line diaphragm, 3-layers	PTFE/PVDF/EPDM	KE	3" [80]	Bayonet	-20	120	13582044
Industry	A (Weir type)	Line diaphragm, 3-layers	PTFE/PVDF/EPDM	KE	4" [100]	Bayonet	-20	120	13582045
Industry	A (Weir type)	Line diaphragm, 3-layers	PTFE/PVDF/EPDM	KE	6" [150]	Bayonet	-20	120	13582046
Industry	A (Weir type)	Line diaphragm, 3-layers	PTFE/PVDF/FPM	KC	1/2" [15]	Bayonet	-20	120	13619956
Industry	A (Weir type)	Line diaphragm, 3-layers	PTFE/PVDF/FPM	KC	3/4" [20]	Bayonet	-20	120	13619957
Industry	A (Weir type)	Line diaphragm, 3-layers	PTFE/PVDF/FPM	KC	1" [25]	Bayonet	-20	120	13619958
Industry	A (Weir type)	Line diaphragm, 3-layers	PTFE/PVDF/FPM	KC	1.1/2" [40]	Bayonet	-20	120	13619959

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Industry	A [Weir type]	Line diaphragm, 3-layers	PTFE/PVDF/FPM	KC	2" [50]	Bayonet	-20	120	13619960
Industry	A [Weir type]	Line diaphragm, 3-layers	PTFE/PVDF/FPM	KC	2.1/2" [65]	Bayonet	-20	120	13619961
Industry	A [Weir type]	Line diaphragm, 3-layers	PTFE/PVDF/FPM	KC	3" [80]	Bayonet	-20	120	13619962
Industry	A [Weir type]	Line diaphragm, 3-layers	PTFE/PVDF/FPM	KC	4" [100]	Bayonet	-20	120	13619963
Industry	A [Weir type]	Line diaphragm, 3-layers	PTFE/PVDF/FPM	KC	6" [150]	Bayonet	-20	120	13619964
Pharmacy	A [Weir type]	Line diaphragm, 2-layers	PTFE/EPDM	PR	1/4" [8]	Knob	-20	150	13449414
Pharmacy	A [Weir type]	Line diaphragm, 2-layers	PTFE/EPDM	PR	1/2" [15]	Bayonet	-20	150	13449415
Pharmacy	A [Weir type]	Line diaphragm, 2-layers	PTFE/EPDM	PR	3/4" [20]	Bayonet	-20	150	13449416
Pharmacy	A [Weir type]	Line diaphragm, 2-layers	PTFE/EPDM	PR	1" [25]	Bayonet	-20	150	13449417
Pharmacy	A [Weir type]	Line diaphragm, 2-layers	PTFE/EPDM	PR	1.1/4" [32]	Bayonet	-20	150	14407691
Pharmacy	A [Weir type]	Line diaphragm, 2-layers	PTFE/EPDM	PR	1.1/2" [40]	Bayonet	-20	150	13449418
Pharmacy	A [Weir type]	Line diaphragm, 2-layers	PTFE/EPDM	PR	2" [50]	Bayonet	-20	150	13449419
Pharmacy	A [Weir type]	Line diaphragm, 2-layers	PTFE/EPDM	PR	2.1/2" [65]	Bayonet	-20	150	13449420
Pharmacy	A [Weir type]	Line diaphragm, 2-layers	PTFE/EPDM	PR	3" [80]	Bayonet	-20	150	13449421
Pharmacy	A [Weir type]	Line diaphragm, 2-layers	PTFE/EPDM	PR	4" [100]	Bayonet	-20	150	13449422
Pharmacy	A [Weir type]	Line diaphragm, 2-layers	PTFE/EPDM	PR	6" [150]	Bayonet	-20	150	13449423
Pharmacy	A [Weir type]	Line diaphragm, 2-layers	TFM/EPDM	SR	1/4" [8]	Thread end	-20	150	13449424
Pharmacy	A [Weir type]	Line diaphragm, 2-layers	TFM/EPDM	SR	1/2" [15]	Bayonet	-20	150	13449425
Pharmacy	A [Weir type]	Line diaphragm, 2-layers	TFM/EPDM	SR	3/4" [20]	Bayonet	-20	150	13449426
Pharmacy	A [Weir type]	Line diaphragm, 2-layers	TFM/EPDM	SR	1" [25]	Bayonet	-20	150	13449427
Pharmacy	A [Weir type]	Line diaphragm, 2-layers	TFM/EPDM	SR	1.1/2" [40]	Bayonet	-20	150	13449428
Pharmacy	A [Weir type]	Line diaphragm, 2-layers	TFM/EPDM	SR	2" [50]	Bayonet	-20	150	13449429
Pharmacy	A [Weir type]	Line diaphragm, 2-layers	TFM/EPDM	SR	2.1/2" [65]	Bayonet	-20	150	13449430

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Pharmacy	A [Weir type]	Line diaphragm, 2-layers	TFM/EPDM	SR	3" [80]	Bayonet	-20	150	13449431
Pharmacy	A [Weir type]	Line diaphragm, 2-layers	TFM/EPDM	SR	4" [100]	Bayonet	-20	150	13449432
Pharmacy	A [Weir type]	Line diaphragm, 2-layers	TFM/VMQ [silicone]	EX	1/4" [8]	Thread end	-20	175	13449434
Pharmacy	A [Weir type]	Line diaphragm, 2-layers	TFM/VMQ [silicone]	EX	1/2" [15]	Bayonet	-20	175	12426682
Pharmacy	A [Weir type]	Line diaphragm, 2-layers	TFM/VMQ [silicone]	EX	3/4" [20]	Bayonet	-20	175	12426704
Pharmacy	A [Weir type]	Line diaphragm, 2-layers	TFM/VMQ [silicone]	EX	1" [25]	Bayonet	-20	175	12426705
Pharmacy	A [Weir type]	Line diaphragm, 2-layers	TFM/VMQ [silicone]	EX	1.1/2" [40]	Bayonet	-20	175	12426706
Pharmacy	A [Weir type]	Line diaphragm, 2-layers	TFM/VMQ [silicone]	EX	2" [50]	Bayonet	-20	175	12426707
Pharmacy	A [Weir type]	Line diaphragm, 2-layers	TFM/VMQ [silicone]	EX	2.1/2" [65]	Bayonet	-20	175	13449435
Pharmacy	A [Weir type]	Line diaphragm, 2-layers	TFM/VMQ [silicone]	EX	3" [80]	Bayonet	-20	175	13449436
Pharmacy	A [Weir type]	Line diaphragm, 2-layers	TFM/VMQ [silicone]	EX	4" [100]	Bayonet	-20	175	13449437

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