Saddle-Welded Diaphragm Seals



SPE	SPECIFICATIONS					
Style	Available Diaphragm Types*	Diaphragm Size	Process Connection	Clean-out Design	1/4 NPT Flushing Connection	
545	M, T, V, W	Standard	Welded	Yes	No	
645	M, T, W	Large	Welded	Yes	No	
*M - R4	movable Metal T - Teflon V	- Viton W - Welded Me	təl	Note: Due to the variet	ty of available diaphragm seal	

 $^{t}M = Removable Metal, T = Teflon, V = Viton, W = Welded Metal$

Note: Due to the variety of available diaphragm seal configurations and materials, it is not possible to list each weight in this catalog. Please consult factory.

Sample Order Number: W 5 45 05 S S CC

HOW TO ORDER

Diaphragm Type	Diaphragm Size	Style	Connection Size	Diaphragm Material	Process Housing Material	Instrument Housing & Bolt Material
M Metal T Teflon V Viton** W Welded	5 Standard 6 Large	45 Saddle-Welded	See Connection Sizes	See Diaphragm Materials	See Process Housing Materials	CC Carbon Steel SS 316 Stainless Steel
**Diaphragm	Type V availab	le only with Diaphragm Size	5.			

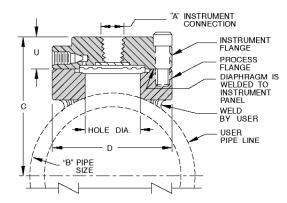
See Sizes and Materials Table



Saddle-Welded

Diaphragm Seals

All dimensions are nominal. Dimensions in [] are in millimeters.



Diaphragm Type and Size	A	В	U	с	D	Hole Diameter
M, T, W 5 Series	1/4, 1/2 NPT as specified	1	0.88 [22]	2.13 [55]	3.50 [89]	1.00 [25]
		11/2	0.88 [22]	2.38 [60]	3.50 [89]	1.50 [38]
		2	0.88 [22]	2.63 [67]	3.50 [89]	1.50 [38]
		3	0.88 [22]	3.25 [83]	3.50 [89]	1.50 [38]
		4	0.88 [22]	3.81 [97]	3.50 [89]	1.50 [38]
		6	0.88 [22]	4.94 [125]	3.50 [89]	1.50 [38]
		8	0.88 [22]	5.94 [151]	3.50 [89]	1.50 [38]
V 5 Series	1/4, 1/2 NPT as specified	1	1.00 [25]	2.13 [55]	3.50 [89]	1.00 [25]
		11/2	1.00 [25]	2.38 [60]	3.50 [89]	1.50 [38]
		2	1.00 [25]	2.63 [67]	3.50 [89]	1.50 [38]
		3	1.00 [25]	3.25 [83]	3.50 [89]	1.50 [38]
		6	1.00 [25]	4.94 [125]	3.50 [89]	1.50 [38]
		8	1.00 [25]	5.94 [151]	3.50 [89]	1.50 [38]
M, T, W 6 Series	1/4, 1/2 NPT as specified	1	0.88 [22]	2.13 [55]	4.25 [108]	1.00 [25]
		11/2	0.88 [22]	2.38 [60]	4.25 [108]	1.50 [38]
		2	0.88 [22]	2.63 [67]	4.25 [108]	1.50 [38]
		3	0.88 [22]	3.25 [83]	4.25 [108]	1.50 [38]
		4	0.88 [22]	3.81 [97]	4.25 [108]	1.50 [38]
		6	0.88 [22]	4.94 [125]	4.25 [108]	1.50 [38]
		8	0.88 [22]	5.94 [151]	4.25 [108]	1.50 [38]

Sizes and Materials

Connection Sizes			Diaphra	agm Materials	Proces	Process Housing Materials		
Code	Instrument Connection (NPT)	Process Connection	Code	Material	Code	Material		
01	1/4	1" Pipe	D	Carpenter 20	С	Steel		
02	1/2	1" Pipe	F	304 Stainless Steel*	D	Carpenter 20		
05	1/4	11/2" Pipe	G	Hastelloy B	F	304 Stainless Steel		
06	1/2	11/2" Pipe	н	Hastelloy C-276	G	Hastelloy B		
07	1/4	2" Pipe	М	Monel	н	Hastelloy C-276		
08	1/2	2" Pipe	N	Nickel	М	Monel		
09	1/4	3" Pipe	S	316 Stainless Steel	N	Nickel		
10	1/2	3" Pipe	т	Teflon	S	316 Stainless Steel		
11	1/4	4" Pipe	U	Tantalum				
12	1/2	4" Pipe	V	Viton**				
13	1/4	6" Pipe						
14	1/2	6" Pipe						
15	1/4	8" Pipe						
16	1/2	8" Pipe						

agm Size 6. ** Viton Diaphragm available only with Diaphragm Size 5.

