Mini & Compact

Diaphragm Seals





W205 shown

SPECIFICATIONS



Trerice Mini & Compact Diaphragm Seals provide an economical way to isolate and protect pressure instruments from corrosion and clogging.

Style 205 Diaphragm Seals are designed for use with pressure ranges of 100 psi or greater and can be mounted to pressure gauges of $3^{1}/2^{n}$ dial size or smaller.

Style 305 Diaphragm Seals are designed for use with pressure ranges of 60 psi or greater and can be mounted to pressure gauges of 4¹/₂" dial size or smaller.

Style 306 Diaphragm Seals include all features found on the 305 with the addition of a 1/4 NPT flushing connection.

Selection of the proper diaphragm seal is the sole responsibility of the user. Temperature and pressure limitations must be considered. Please refer to the Diaphragm Seal Design & Operation Section of this catalog. Improper application may cause failure of the seal, resulting in possible personal injury or property damage.

For correct use and application of all diaphragm seals, please refer to Diaphragm Seal Standard ASME B40.2.

Sample Order Number: W 2 05 01 S S S

All-Welded Design No Gaskets or Bolts

1/4 NPT or 1/2 NPT Process Connections

316L Stainless Steel Construction

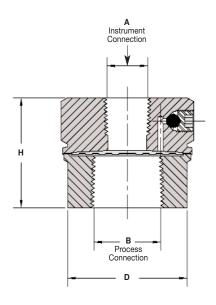
Style	Diaphragm Type	Diaphragm Size	Minimum Pressure Range	Process Connection	Clean-out Design	1/4 NPT Flushing Connection
205	Welded Metal	Mini	0 to 100 psi when mounted to 31/2" gauge	Threaded	No	No
305	Welded Metal	Compact	0 to 60 psi when mounted to 41/2" gauge	Threaded	No	No
306	Welded Metal	Compact	0 to 60 psi when mounted to 41/2" gauge	Threaded	No	Yes

HOW TO ORDER

Diaphragm Type	Diaphragm Size	Style	Connection Size	Diaphragm Material	Process Housing Material	Instrument Housing Material
W Welded	2 Mini 3 Compact	Non Clean-out, Welded BodyFlushing, Welded Body	See Connection Sizes Table	S 316 SS	S 316 SS	S 316 SS

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



Style	A	В	Н	D
205	1/4 NPT	1/4, 1/2 NPT as specified	1.24 [31]	1.35 [34]
305	1/4, 1/2 NPT as specified	1/4, 1/2 NPT as specified	1.75 [44]	2.25 [57]
306	1/4, 1/2 NPT as specified	1/4, 1/2 NPT as specified	1.50 [38]	1.89 [48]

Sizes

Connection Sizes				
Code	Instrument Connection (NPT)	Process Connection (NPT)		
01	1/4	1/4		
02*	1/2	1/4		
03	1/4	1/2		
04*	1/2	1/2		

^{*} Not available on style 205.

