

Series W5/W6

FLANGED OFFLINE WELDED DIAPHRAGM SEALS

REOTEMP's Flanged Offline Welded Diaphragm Seals are designed with an upper and lower housing, bolted together with a diaphragm welded to the upper housing. This removable design allows for easy cleanout of the seal chamber, while maintaining the system fill. The flanged offline diaphragm seal can be adapted to fit almost any pressure instrument and process application.





Stud Mount Style

Lower Ring Style

SPECIFICATIONS

Diaphragm		316SS, Hast C-276, Tantalum, Monel or others			
Lower Housing		316SS, Hast C-276, Monel, CPVC or others			
Gasket		PTFE, Grafoil, Klinger, or Kalrez			
Upper Housing		316SS or Carbon Steel Nickel Plated			
Process Temperature Limits			Housin	g Туре 3	
	Metallic Lower	PTFE Gasket	-110/400°F		
		Klinger Gasket	-110/500°F		
		Grafoil Gasket	-40/750°F		
	Non-Metallic Lower		N/A	140°F	
Ambient Temperature Limits		Determined by the pressure instrument.			
Minimu	n				

Recommended Span		W5	W6
	2.5" & 3.5" Gauges	15 psi	200" H ₂ O
	4", 4.5", & 6" Gauges	30 psi	200" H ₂ O
	Transmitter (Gauge Pressure)	150" H ₂ O	60" H ₂ O
	Transmitter (Differential Pressure)	300" H ₂ Od	$60" H_2Od$
	Differential Pressure Gauge (D40/42 Only)	N/A	N/A

Maximum Working Determined by flange. Pressure

FEATURES / BENEFITS

- Welded Diaphragm for Maximum Durability
- Wide Variety of Diaphragm and Material Options
- Continuous-duty Disc Protects from Process Fluid Leaking in the Event of a System Breach
- Easy Cleanout of Diaphragm Cavity without Compromising Filled System



Note: stud bolts provided as a convenience. Reotemp recommends customer provide their own bolts and fasteners



Note: All drawings depict a single 1/4" NPT Flush Port (optional). Drawing are not to scale. Contact REOTEMP customer service for more detailed drawings

в

(in)

1.7

1.7

1.7

1.7

1.7

1.7

1.8

1.7

1.8

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HOW TO ORDER: Choose options to build a part number. For example: W5262RT1SSS-KDTD-AS-PP



Netted

(800) 648-7737

and risks of non-metallic materials

flowing and other issues that can affect durability and performance.

leaking, cracking,

including

YYY = Dry Seal, No Instrument

-XX = No Fill Fluid

Attachment

Codes