

D90 Saddle Weld Seal

30 to 600 psi (207 to 4,140 kPa)



Description & Features:

- Finished with a cleanout design
- Various pipe sizes (1" to 4") and housing materials available
- 1 year warranty

Applications:

- Used in industrial applications such as oil refineries, pulp and paper mills and chemical plants

Specifications

Housing	316 SS standard. Steel, nickel, 304 SS, Carpenter® 20, Hastelloy® B available upon request
Diaphragm	316 SS, Monel®, Hastelloy® C, Viton® . Nickel, Teflon®, tantalum, 304 SS, Carpenter® 20, Hastelloy® B available upon request
Construction	Two piece construction
Connection	1/4", 1/2" NPT female gauge connections standard (Other NPTF gauges connections available). 1" (25mm), 1.5" (40mm), 2" (50mm), 3" (75mm), 4" (100mm) pipe size standard
Maximum Temperature Limit	450°F (232°C) Viton®: 350°F (176°C) (Higher temperature limits available)
Other	Cleanout type for easy cleaning and calibrating

Order Codes

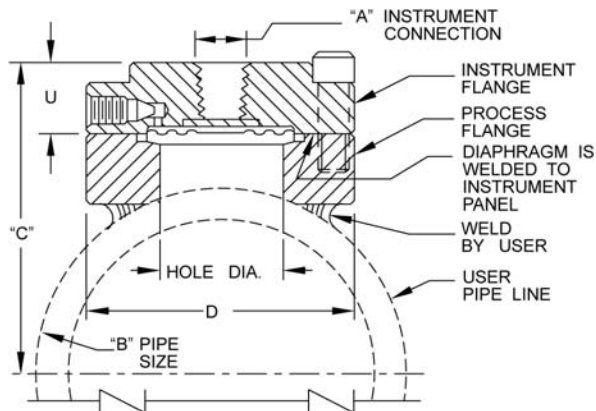
Pipe Size	Diaphragm	Instrument Conn.	Order Code
1" (25mm)	316 SS	1/4"	D902564
		1/2"	D902560
	Hastelloy® C	1/4"	D902565
		1/2"	D902561
	Monel®	1/4"	D902566
		1/2"	D902562
	Viton®	1/4"	D902570
		1/2"	D902563
1.5" (40mm)	316 SS	1/4"	D902575
		1/2"	D902571
	Hastelloy® C	1/4"	D902576
		1/2"	D902572
	Monel®	1/4"	D902577
		1/2"	D902573
	Viton®	1/4"	D902578
		1/2"	D902574
2" (50mm)	316 SS	1/4"	D902583
		1/2"	D902579
	Hastelloy® C	1/4"	D902584
		1/2"	D902580
	Monel®	1/4"	D902585
		1/2"	D902581
	Viton®	1/4"	D902586
		1/2"	D902582

Carpenter® 20 is a registered trademark of Carpenter Technologies
Hastelloy® is a registered trademark of Haynes International, Inc.
Teflon® is a registered trademark of Dupont Corporation
Viton® is a registered trademark of DuPont Performance Elastomers

Order Codes

Pipe Size	Diaphragm	Instrument Conn.	Code
3" (75mm)	316 SS	1/4"	D902595
		1/2"	D902587
	Hastelloy® C	1/4"	D902596
		1/2"	D902592
	Monel®	1/4"	D902597
		1/2"	D902593
	Viton®	1/4"	D902598
		1/2"	D902594
4" (100mm)	316 SS	1/4"	D902695
		1/2"	D902599
	Hastelloy® C	1/4"	D902696
		1/2"	D902608
	Monel®	1/4"	D902697
		1/2"	D902609
	Viton®	1/4"	D902698
		1/2"	D902694

Larger displacement diaphragms and pipe sizes more than 4" available upon request.



Diaphragm Type	Instrument Connection A	Pipe Size B	U	C	D	Hole Diameter
Welded, std.	1/4", 1/2" NPT	1"	0.88" (22mm)	2.13" (55mm)	3.5" (89mm)	1" (25mm)
Welded, std.	1/4", 1/2" NPT	1.5"	0.88" (22mm)	2.38" (60mm)	3.5" (89mm)	1.5" (38mm)
Welded, std.	1/4", 1/2" NPT	2"	0.88" (22mm)	2.63" (67mm)	3.5" (89mm)	1.5" (38mm)
Welded, std.	1/4", 1/2" NPT	3"	0.88" (22mm)	3.25" (83mm)	3.5" (89mm)	1.5" (38mm)
Welded, std.	1/4", 1/2" NPT	4"	0.88" (22mm)	3.81" (97mm)	3.5" (89mm)	1.5" (38mm)
Welded, large	1/4", 1/2" NPT	1"	0.88" (22mm)	2.13" (55mm)	4.25" (108mm)	1" (25mm)
Welded, large	1/4", 1/2" NPT	1.5"	0.88" (22mm)	2.38" (60mm)	4.25" (108mm)	1.5" (38mm)
Welded, large	1/4", 1/2" NPT	2"	0.88" (22mm)	2.63" (67mm)	4.25" (108mm)	1.5" (38mm)
Welded, large	1/4", 1/2" NPT	3"	0.88" (22mm)	3.25" (83mm)	4.25" (108mm)	1.5" (38mm)
Welded, large	1/4", 1/2" NPT	4"	0.88" (22mm)	3.81" (97mm)	4.25" (108mm)	1.5" (38mm)
Viton®	1/4", 1/2" NPT	1"	1" (25mm)	2.13" (55mm)	3.5" (89mm)	1" (25mm)
Viton®	1/4", 1/2" NPT	1.5"	1" (25mm)	2.38" (60mm)	3.5" (89mm)	1.5" (38mm)
Viton®	1/4", 1/2" NPT	2"	1" (25mm)	2.63" (67mm)	3.5" (89mm)	1.5" (38mm)
Viton®	1/4", 1/2" NPT	3"	1" (25mm)	3.25" (83mm)	3.5" (89mm)	1.5" (38mm)