

Bolted & Pretorqueable holders For Axis and SRL Type

Bolted holder

Bolted type disc holders are designed to be used with the reverse-buckling scored SRL or Axis type bursting discs. Typically a bursting disc holder is a two-piece unit consisting of a base flange (inlet) and a holddown flange (outlet). The face of the holder is machined to hold the bursting disc and forms a leak-tight metal-to-metal seal.

An optional O-ring seal is available to further reduce fugitive emissions. The holder contains a DiscLoc™-feature to prevent inverted installation of the disc.



Pretorqueable holder (TQ)

Pretorqueable holders are including pretorqueable capscrews to provide proper clamping of the bursting disc.

This holder design allows the bursting disc to be torqued to the proper static load values under ideal conditions. Pretorqueable assemblies can be removed, inspected and replaced during routine maintenance schedules and plant turn-arounds without compromising disc performance.



Features and Benefits

- Welding, threaded connections, or bolted ISO or ANSI companion flanges configuration
- Can be pre-assembled installed between the companion flanges as an assembly
- Ensures correct positioning of bursting disc
- Allows for pre-assembly of bursting disc under controlled condition
- Available in a wide range of standard sizes, configurations and materials
- Can be combined with O-ring to offer improved leakage performance
- Can be removed, inspected and re-installed (TQ type only)

Applications

Due to the high flow coefficient, the outstanding operating ratio, and backpressure resistance, the Axis and SRL bursting discs are widely used for relief valve isolation. These bursting discs are available in a wide range of materials and can isolate the relief valve from the corrosive action of the process, so that the valve can be constructed from less expensive materials.

All above data are subject to change without notice. They must not be used unless confirmed in writing.

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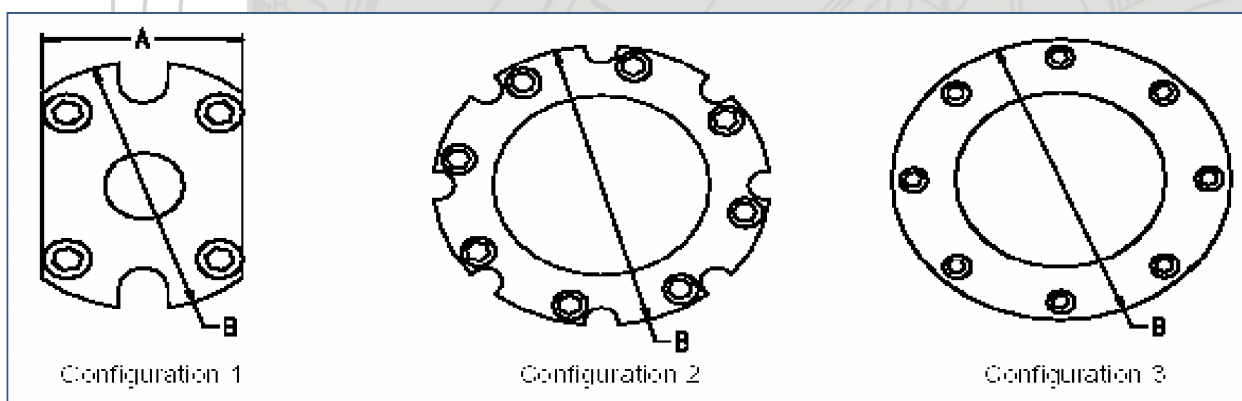
Dimensions Bolted Holders

Size	XL Assembly	XLO Assembly	Outside Diameter (mm)				
			ANSI 150	ANSI 300	PN10-16	PN25	PN40
DN25/1"	59	53	63	70			
DN40/1-1/2"	59	53	82	92			
DN50/2"	75	53	101	106			
DN80/3"	95	53	133	146	141		
DN100/4"	115	61	169	177	162	166	
DN150/6"	152	69	219	247	217	224	
DN200/8"	192	75	276	304	273	282	289
DN250/10"	N/A	N/A	336	358	328	340	351
DN300/12"	N/A	N/A	406	419	376	406	417

Dimensions Bolted Holders

Size	Configuration Type		XL Assembly	XLO Assembly	Dimensions (mm)				Capscrew
	ANSI 150/PN10-16	ANSI 300/PN25-40	Height (mm)	Height (mm)	ANSI 150/PN10-16		ANSI 300/PN25-40		Size (mm)
					A	B	A	B	
DN25/1"	3	3	85	N/A	N/A	107	N/A	123	12
DN40/1-1/2"	1	1	67	53	82	107	92	106	10
DN50/2"	1	2	87	66	101	133	N/A	133	12
DN80/3"	1	2	105	66	133	161	N/A	161	12
DN100/4"	2	2	120	69	N/A	196	N/A	196	12
DN150/6"	2	3	152	71	N/A	241	N/A	247	12
DN200/8"	2	3	192	77	N/A	298	N/A	304	12
DN250/10"	2	3	N/A	N/A	N/A	350	N/A	358	12
DN300/12"	3	3	N/A	N/A	N/A	406	N/A	419	12

Note: for 1-1/2" SRL discs, please specify SRL Holder Model (different seat dimensions only)



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