

Uncompromising levels of quality, safety and technological excellence are standard features in the complete line of LJ Star Incorporated Bolt-On Sight Windows.

Description

Bolt-On Sight Windows consist of a base with raised face flanges to fit a standard ASME / ANSI B16.5 Class 150 flange nozzle. Standard sizes range from 2" to 8". The sight glass is assembled with a gasketed glass retainer held by threaded bolts. LJ Star sight windows conform to ASTM standards. Lumiglas luminaires are easily mounted to provide lighted sight ports. Spray rings and wipers are also available.

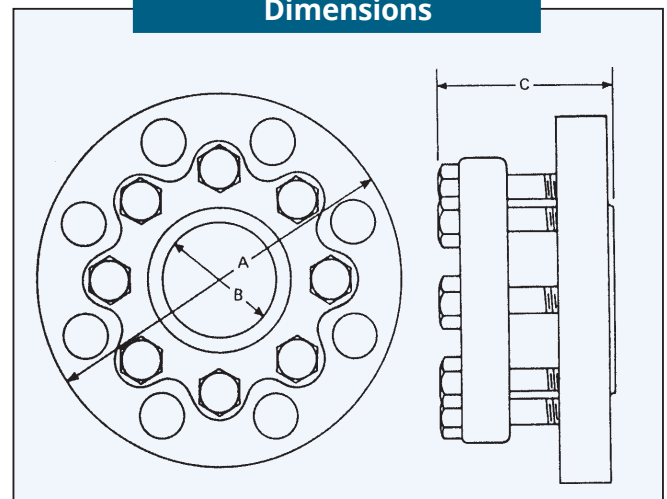
Materials of Construction

- *Standard alloys:* 316 stainless and carbon steel
- *Optional alloys:* Monel®, Hastelloy®, Duplex, etc.
- *Standard gasket materials:* Gylon 3504
- *Optional gasket materials:* BUNA N; Viton®, silicone, graphite, PTFE and non-asbestos gaskets
- *Standard Window Material:* Tempered borosilicate glass
- *Optional Window materials:* Quartz glass for high temperature and thermal shock
- *Units ASME / ANSI B16.5 Class 150*
- *Models available with Metaglas® for high pressure and 300# & 600# Classes*
- *PFA coating available for added corrosion resistance*
- *Optional glass **protection shields**:* Mica, FEP and sapphire



Bolt-On Sight Window ASME / ANSI B16.5 Class 150

Dimensions



ASME Class Pressure / Temp Ratings

Temp F	150 Class		300 Class		600 Class	
	Steel	316SS	Steel	316SS	Steel	316SS
-20 to 100	285	275	740	720	1480	1440
150	270	260	705	670	1415	1340
200	260	240	675	620	1350	1240
250	245	230	665	590	1335	1180
300	230	215	655	560	1315	1120
350	215	205	645	535	1290	1075
400	200	195	635	515	1270	1030
450	185	180	615	495	1235	990
500	170	170	600	480	1200	955

Bolt-On Sight Window

Pipe Size	Dimension			Approx. Wt. (Lbs.)	Flange Class
	A	B	C		
2"	6"	1-1/32"	2-1/8"	7	150
3"	7-1/2"	3-1/16"	2-1/2"	13	150
4"	9"	4-1/16"	2-3/8"	18	150
6"	11"	6-1/16"	2-15/16"	27	150
8"	13-1/2"	8-1/16"	3-15/16"	43	150

The specifications contained herein are subject to change without notice and any user of said specifications should verify from the manufacturer that the specifications are currently in effect. Otherwise, the manufacturer assumes no responsibility for the use of specifications which may have been changed and are no longer in effect.