FLOMETRIQ

FLOMETRIQ FILTRATION AND INSTRUMENTATION (P) LTD

Engineering Flow...

STRAINER

Cover Heads For Strainers

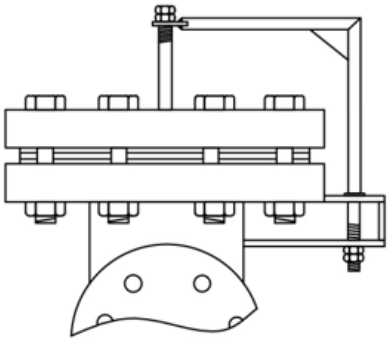
Open Area Vs Perforation

Different types of cover removal aids are available depending on size and function. Bolted covers are standard. Other design available are

1. Davit Arm Assembly
2. T- Bolt hinged cover
3. Y- Yoke hinged cover
4. Quick opening threaded cover
5. Heat Conservation cover

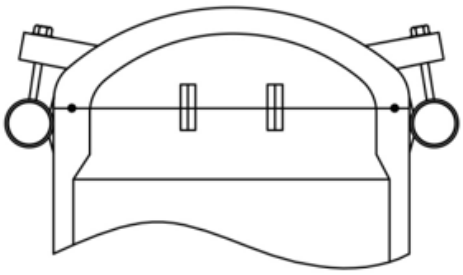
Davit Arm Assembly:

The assembly is made to enable the user to swing the cover away from the strainer in order to facilitate the basket or screen removal for cleaning. Its primary use is for larger sized strainers where cover removal is difficult. The davit assembly is an inexpensive alternative to quick release covers, especially when operating conditions require a bolted cover to be utilized.



T- Bolt Hinged Cover:

The T-bolt hinged cover is used for nominal pressure applications while being the most inexpensive closure on fabricated strainers. The T-bolt hinged cover is opened quickly and easily using an O-Ring or a Gasket as a seal. The operator merely loosens the T-bolts until they clear the holdings lugs and allow the head to be swung open on its hinge. Camlock and Break over wrench assemblies are also available that eliminate the need for a wrench.



3/88 Mount Ponamallee Road Ramapuram Chennai 600089, India

sales@flometriq.com

+91 8939993028
+919884804244

www.flometriq.com

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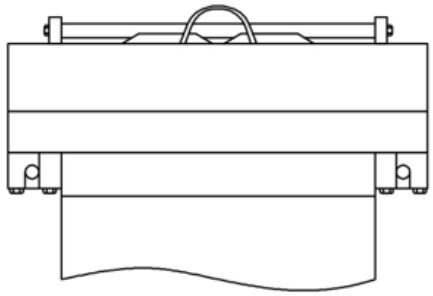
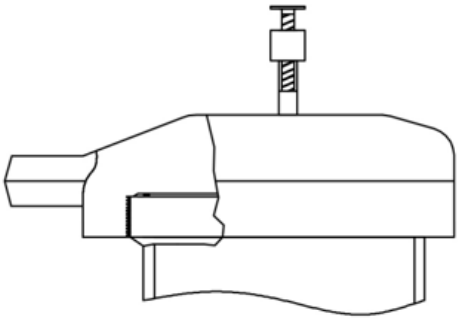
Y-Yoke Hinged Cover

The yoke hinged closure is a true ANSI rated closure. Used primarily on high pressure applications, yoke hinged covers are available with 150%, 300% and 600, ANSI ratings. Yoke hinged covers are available with a wide range of operating aids with single level chain and sproceket drives to completely automated types. O-rings or Gaskets could be used a sealing member.



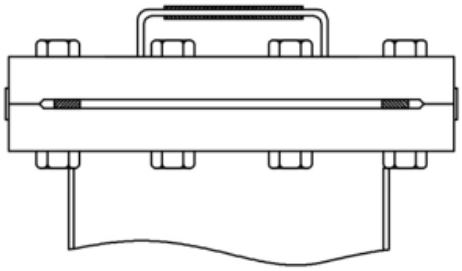
Quick Opening Threaded Cover

The threaded cover closure consists of a cap which fastens to an hub that has been welded to the strainer body. The female cap is threaded onto the male hub and an O-Ring or Gasket is utilized to make the seal. The placement of this O-Ring prevents corrosion of closure threads allowing for long, trouble free life of material. The threaded closure can be utilized on both nominal and high pressure application.



Heat Conservation Cover

The covers are light in weight, dimensionally accurate and heat effective. These are widely used for conservation of heat. These are available at competitive rates and to work at high temperature and pressure.



- Note: We can also design and supply quick opening cover and Davit Arm assembly for pressure vessels in accordance with ASME.

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