



Fig.130,131 ball valves for Ammonia application

English

Includes ball valve Fig.130 (DN10F - DN50F) and Fig.131 (DN65F - DN100F) with bracket, to separate the actuator from the ice formation that normally occurs around the ball valve.

Relief hole

A 3mm hole will be drilled in the ball, to secure the valve body against expanding fluids and gasses. The hole is drilled in the upstream side

Flow direction arrow

An arrow engraved in the valve body, indicates the flow direction of the media

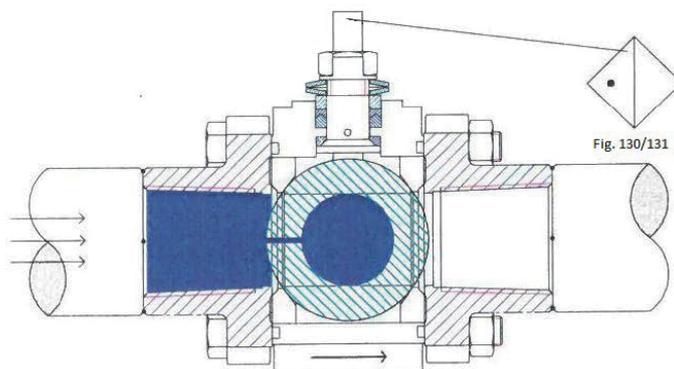
Centre punch mark

The valve stem is marked with a centre punch mark, in the same side as the relief hole is drilled in the ball.

The centre punch mark indicates where the relief hole is located, when the valve is mounted in the pipeline.

Extended preload of the belleville washers

The stem nut is tightened to compress the belleville washers, and by that increase the pre-load of the packing box. After that, two centre punch marks are made between stem and nut, to "lock" the nut in position. Furthermore, a lock cap is mounted on the stem nut, and secured with Locktite.



The location of the relief hole is indicated by a centre punch mark in the top of the valve stem

Flow direction arrow is engraved in the valve body

Fig.1

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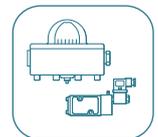
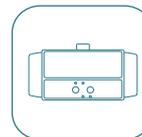
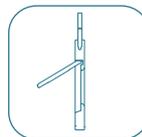
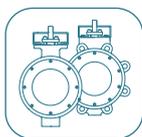


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Important information

Body gaskets

Always use new body gaskets when the valve has been disassembled.

Tightening of body bolting

When fitting the valve-end caps, cross-tighten the body bolting according to below order, see Fig.2.

Torque – body bolting

Always adhere to torque table, shown in IOM manual.

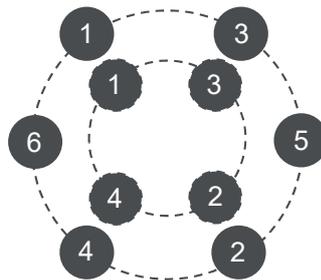


Fig.2
Tightening of body

Ball - Relief hole orientation

Relief hole on upstream side when valve is in closed position, see Fig.3.

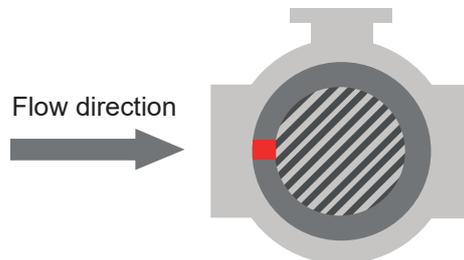


Fig.3
Ball - Relief hole orientation

Scan QR-code for catalog, IOM.



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