Standard Valve Head Unit

1 ERGONOMIC HANDLE DESIGN

AS-Schneider's Handle shape fits to the shape of a thumb.

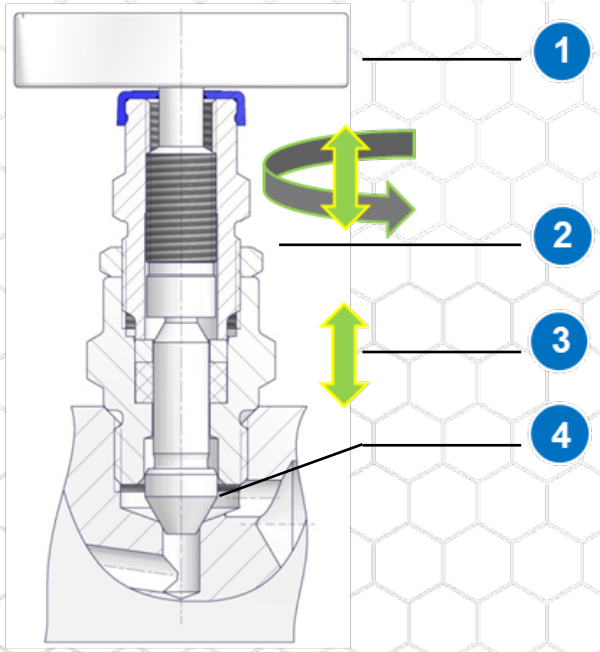
2 VALVE STEM / NEEDLE

Made for smooth operation! The interface of stem and needle is above the packing. This means: The needle is conducting an up-and-down movement only. When opening / closing the valve, any spot on the needle covers a distance of 4 mm.

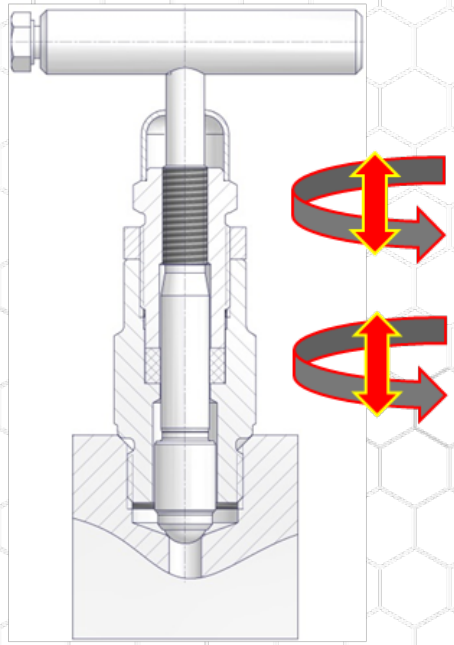
Typical competitors' stem designs are covering a much longer distance ➔ 94 mm, if we are calculating with the same dimensions (Stem Ø 7.5 mm x π x 4 mm stroke).

This difference of 4 mm to 94 mm is resulting in a smooth operation and minimum wear of sealing elements and gives a long service life.

AS-Schneider



Competitor



3 GLAND

Some competitors are waiving the gland, this results in a higher wear of the packing.

4 BACK SEAT

Some competitors are waiving the back seat, this is a safety issue!

5 FIRE SAFE TESTED

Graphite packed manifolds are Fire Safe tested and certified as standard.

6 MATERIAL

All non-wetted parts in SS 316. The manifolds are supplied as standard according to NACE MR0175/MR0103 and ISO 15156

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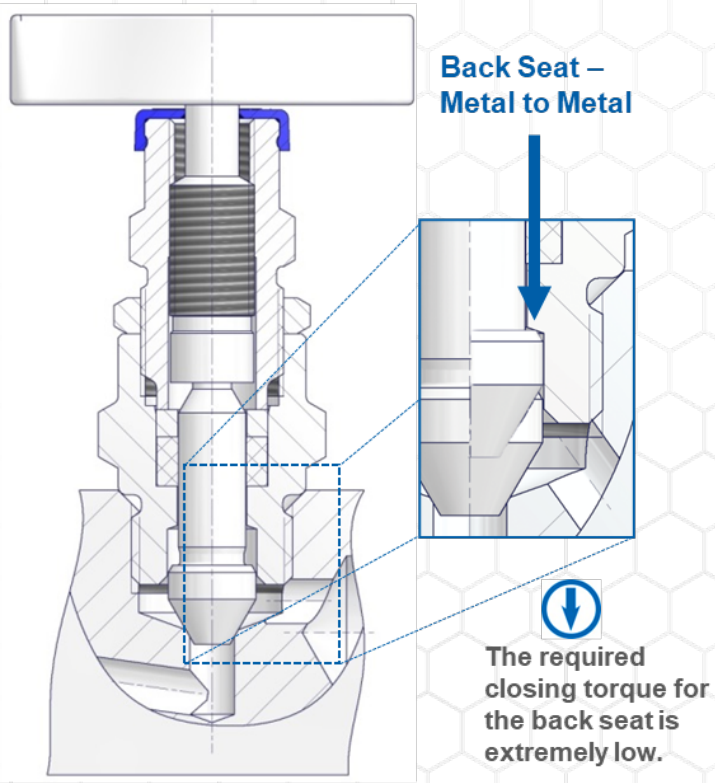
Standard Valve Head Unit – Back Seat

AS-Schneider



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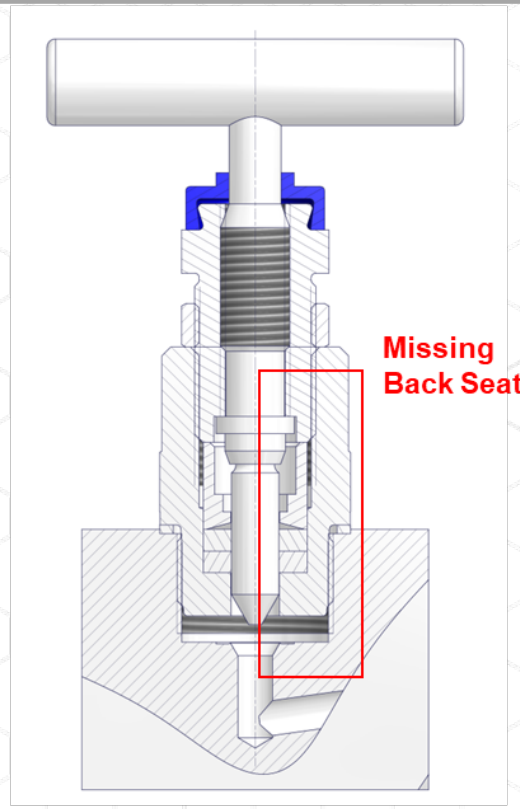

Some competitors are waiving the back seat, this is a safety issue!

Using the back seat means releasing the packing stress.

Without back seat the packing will be permanently under pressure if the valve is open (This does always apply to Equalizer Valves).

Using the **back seat design**, the packing is only under pressure during the few seconds the valve is operated (either closed or opened). This is tremendously increasing the lifespan of the packing itself and the Fugitive Emission rates are reduced to a minimum (metal to metal back seat).

In case of packing failure, there won`t be any leakage if the valve is closed against the back seat.

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