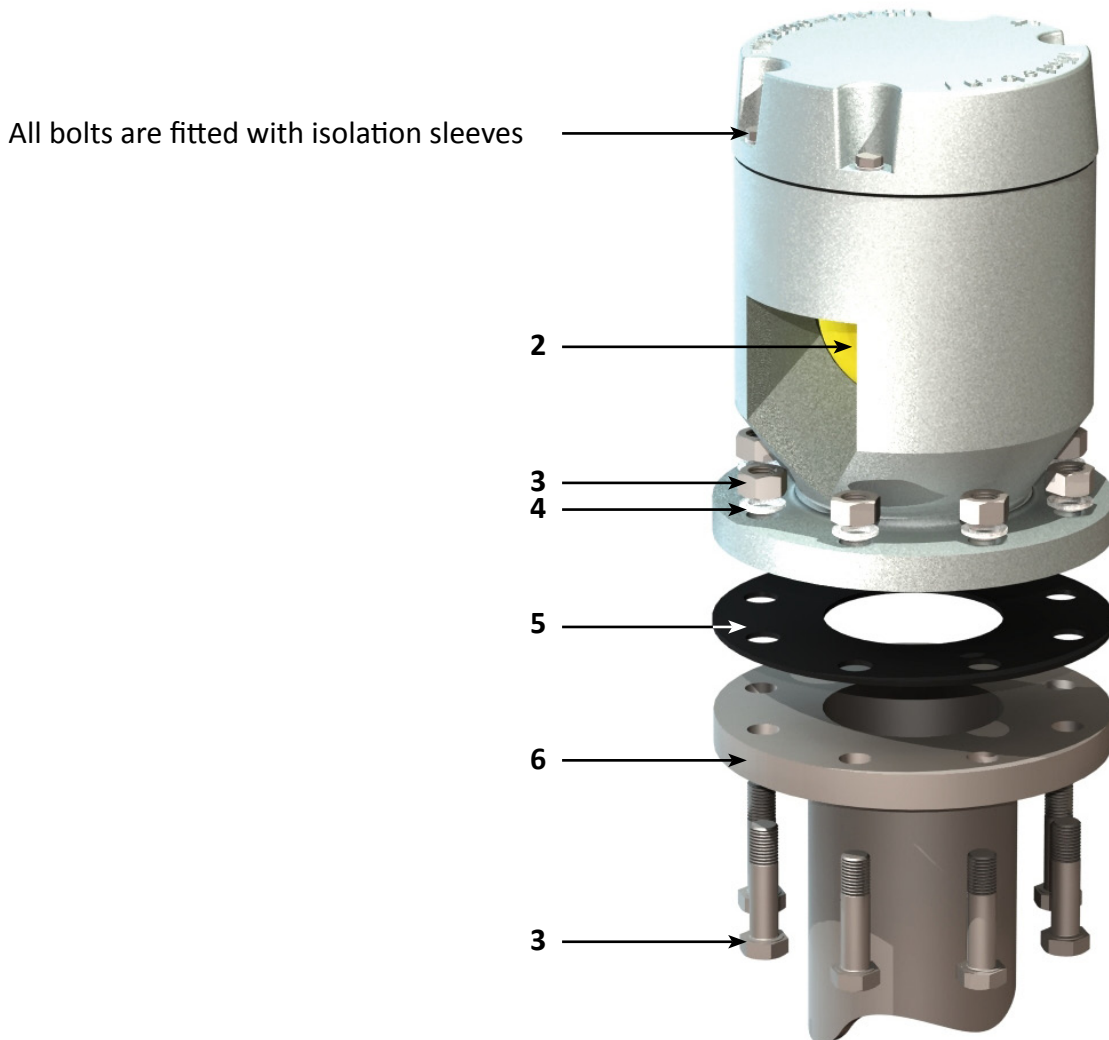


## FITTING INSTRUCTIONS

### WIN2000 HIAS & WIKO 5000 air pipe heads (all types and sizes)

The air pipe head characteristic curves of Winteb are to be taken into consideration.



1. Do not paint flame screen (if fitted)  
Check classification rules if a flame screen is needed when the air pipe head is fitted on a ballast tank. If not, remove the flame screen when the air pipe head is fitted on ballast tanks
2. Remove ball protection cover after painting, do not paint the float ball.
3. Use galvanised or stainless steel bolts and nuts (available at WINTEB).
4. Use isolation sleeves (Supplied by WINTEB-attached to flange).
5. Use full size gasket (Supplied by WINTEB-attached to flange).
6. Use flat face counter flanges (available at WINTEB).
7. Use threaded air pipe heads only on aluminium pipes.

**If you have any questions please contact us.**

## MAINTENANCE & INSPECTION ADVICE

### WIN2000 HIAS & WIKO 5000 air pipe heads (all types and sizes)

The air pipe head characteristic curves of Winteb are to be taken into consideration.

Winteb's WIN2000 self-closing air pipe heads are maintenance free.

However, surveyors of the classification societies, like ABS, BV, DNV, GL, LRS, NKK, RMRS, Transport Canada or USCG will inspect the self-closing devices on a regular basis. For example when a ship is in a harbour or at dock.

It is advised to inspect the valves regularly to detect any possible damages that might compromise the venting and/or closing function of the valve.

### Inspection Procedure

1. Check if the rubber O-ring is securely glued into the ring.
2. Check if the floatball can freely move in a vertical direction;
  - Downwards to rest in its seating
  - Upwards to contact the rubber O-ring and therefore closing off the connection to the tank.
3. Check if the floatball has a ball shape and a smooth surface in order to secure a proper anti leakage function when pressed against the rubber O-ring.
4. Visual check if there is any damage (holes, cracks) to the air pipe head.
5. If fitted, check if the screen is not damaged and free of any pollution that might block a free flow through the valve.
6. Check if the air pipe head is fitted according to Winteb's "Fitting Instructions".
7. The air pipe head characteristic (flow)curves of Winteb have to be take into consideration.

The flowcurves are available at Winteb or at [www.winteb.com](http://www.winteb.com)

