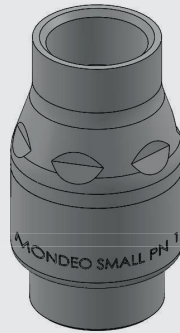
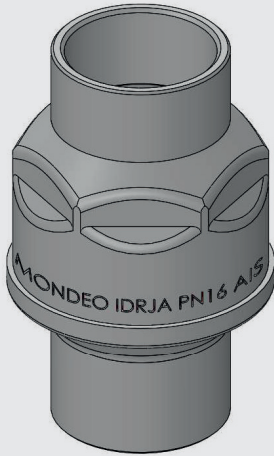


IDRJA - SMALL - AMITA

CHECK VALVES



WARNINGS



The check valves manufactured by MONDEO are suitable for use with gases and liquids within the pressure limits as stamped on the valve body (PN16, PN6 for Amita model).

IMPORTANT: for compressed air or vacuum applications, you are advised to use the Idrja or Small models in the special compressed air (AC) version or, at the very least, the reinforced pin (OR) version.

FITTING INSTRUCTIONS



- Ensure the valve is working properly by pushing the flow control disc from the inlet end in the direction indicated by the arrow stamped on the valve body (Fig. 1). The disc must slide up and, once released, must lower on its own. If this does not happen, check for foreign matter inside the valve and repeat the procedure. If the disc fails to slide smoothly, do not fit the valve.
- Once you have checked operation as described above, connect the valve to the circuit the fluid flows through, screwing the threaded ends of the valve onto the circuit's terminal points suitably prepared with sealing material.
- Check that the valve is fitted with the arrow stamped on the valve body facing in the same direction as the fluid circulating in the system.

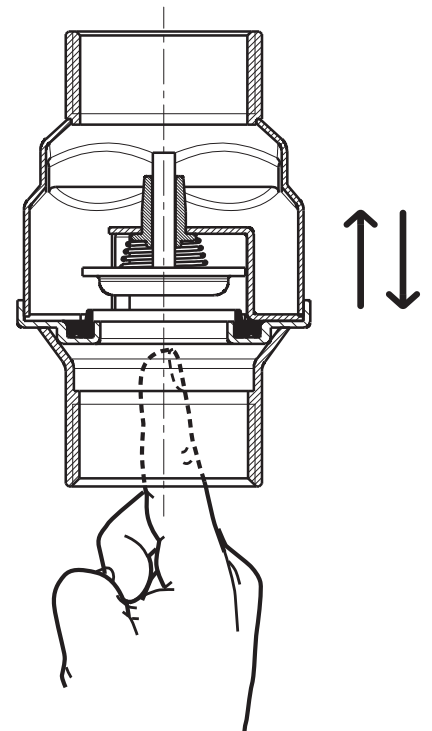


Fig. 1

TIPS



- Before fitting, suitably protect the valves to stop dust and impurities compromising their operation.
- Ensure the valve is easy to access and leaves ample room for manoeuvre for its removal.
- Have a container handy to catch any liquid or impurities that might come out when the system is turned on.

MAINTENANCE



- MONDEO check valves are generally maintenance free. In the event the system is dismantled, it is advisable to wash the valve thoroughly before refitting it.

SPARE PARTS



- There are no spare parts for valve up to 2" in size. For 2"1/2, 3" and 4" valves, you can replace the disc guide (ref. 1 Fig. 2), spring (ref. 2 Fig. 2), disc (ref. 3 Fig. 2) and seal ring (ref. 4 Fig. 2).

MATERIALS



- Body and metal parts AISI 304 or AISI 316 stainless steel (for Amita model: body made from stabilized nylon 66 and fibreglass 30%)
- Seal NBR, EPDM, FPM, PTFE or FEP (for Amita model: NBR only)

TYPE OF SERVICE



- Service fluid: water and liquids in general (check compatibility with seal). For compressed air or vacuum applications, you are advised to use the Idrja or Small models in the special compressed air (AC) version or, at the very least, the reinforced pin (OR) version.
- Max. working pressure 16 bar (for Amita model: PN6)
- Working temperature range:
 - 25 °C - +90 °C (NBR seal)
 - 20 °C - +110 °C (EPDM seal)
 - 20 °C - +150 °C (FPM seal)
 - 20 °C - +200 °C (PTFE or FEP seal)

DIRECTIVE 2014/68/EU



- We hereby declare that the Idrja, Small and Amita valves manufactured by Mondeo conform to directive 2014/68/EU, but cannot be "CE" marked because - as defined in tables 6 (for sizes up to DN25), 7 (for sizes up to DN50), 8 and 9 of annex II to said directive - they belong to an area for which CE marking is not a requirement (Art. 4.3 of the directive). This means that, based on the provisions of this standard, our Idrja, Small and Amita valves can be used - within the pressure limits and temperature ranges stated in our ratings - in the following applications:
 - 1) Hazardous gases up to DN25
 - 2) Non-hazardous gases
 - 3) Hazardous liquids
 - 4) Non-hazardous liquids

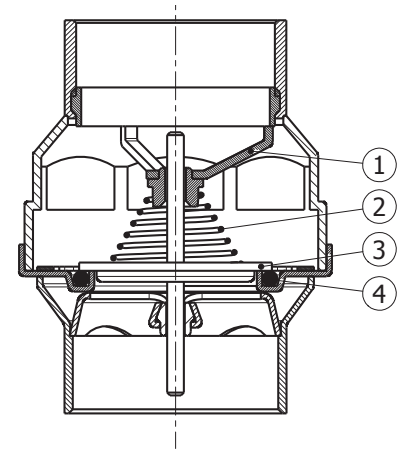


Fig. 2