



# DELTA SD4 and SDM4

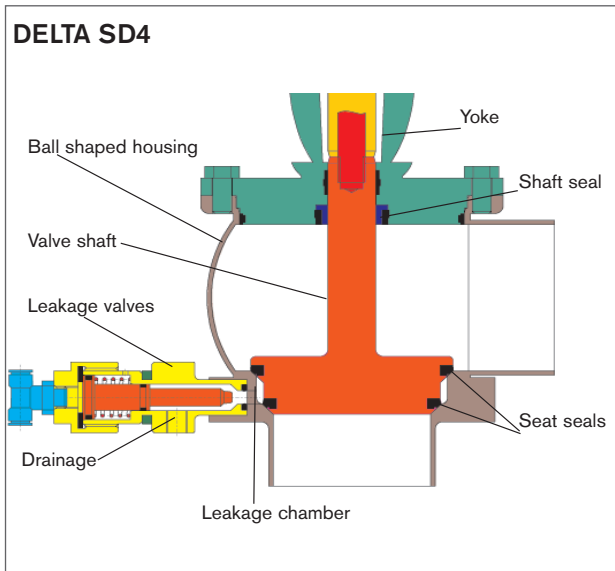
The DELTA SD4 and SDM4 safe flow valves are designed for safe media separation applications in the food, beverage, dairy, pharmaceutical and chemical industries. The DELTA SDM4 is the aseptic version of the DELTA SD4.

The DELTA SD4/SDM4 valves are available in shut-off and change-over design and can be supplied as tank-outlet valves.

## Features and benefits

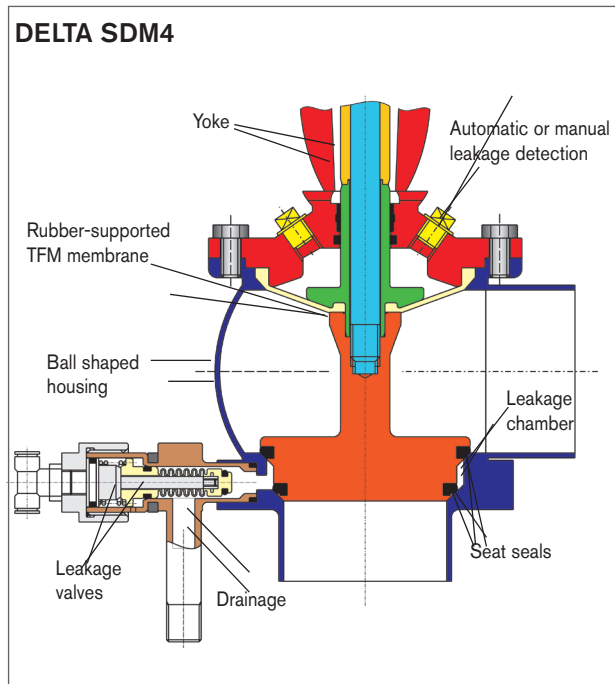
- The DELTA SD4 and SDM4 valves have excellent hygienic characteristics primarily due to the ball-shaped housing without sump or dome.
- The profile seat seals provide a crevice-free sealing and the compression of the seat seals is controlled by a metallic stop. This prevents excessive seal and wear.
- The DELTA SD4 and SDM4 valves have leakage valves to drain the neutral area between the seals. The leakage valves can also be used as flush – this enables CIP and SIP cleaning of the neutral area. The leakage valves are activated at the same time as the main cylinder of the valves, and therefore a special control system is not required. Automatic detection can be supplied as an option.
- The shaft seal is very wear resistant and is made from a combination of teflon and EPDM.
- The DELTA SD4 and SDM4 valves can be delivered with the complete range of DELTA CU control units. Additionally, a NOT element is fitted to the control unit as standard to enable the maintaining of higher line pressures.
- The DELTA SDM4 is also a safe flow valve, but is used for aseptic applications - a rubber supported flat TFM membrane is used as sterile barrier.

## Technical data



Sizes	SD4: DN25, DN40, DN50, DN65, DN80 and DN100 1", 1,5", 2", 2,5", 3" and 4"
	SDM4: DN40, DN50 and DN65 1,5", 2" and 2,5"
Housing configuration	SD4: 41(L), 42(T), E43(KLT), 44(KTT), T41*, T42*U45(LLS), U46(TLS), U47(LTS), U48(LLD)
	SDM4: 41(L), 42(T)
Product pressure	SD4: 12,4 - 17,6 bar
	SDM4: 5 bar
Product temp.	140°C EPDM, HNBR
Sterilisation temp.	(Short term) 150°C EPDM, 140°C HNBR
Air supply pressure	Min. 6 bar
	Max. 8 bar
Materials	Housing material: AISI 316L (1.4404) Seat seals: EPDM and HNBR SDM4 Membrane: Rubber

\* Tank outlet design



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