

CHECK VALVE

AL 51-41 / AL 51-54 / AL 51-ASEA

Lasso Stop Silent Diaphragm design

Description

Diaphragm check valve that consists of a metal cone in stainless steel and a rubber diaphragm in EPDM, Nitrile or Silicone. Due to the simplicity of its construction the valve is very reliable and provides a soft closure and low resistance to flow. The valve can be mounted in any position.

- AL 51-41 - DN 25-50. Checkvalve for mounting in tube fittings
- AL 51-54 - DN 40-200. Checkvalve for clamping between flanges. Type plate is included in this version.
- AL 51-ASEA - DN 20-25. Check valve including tube fitting in stainless steel.

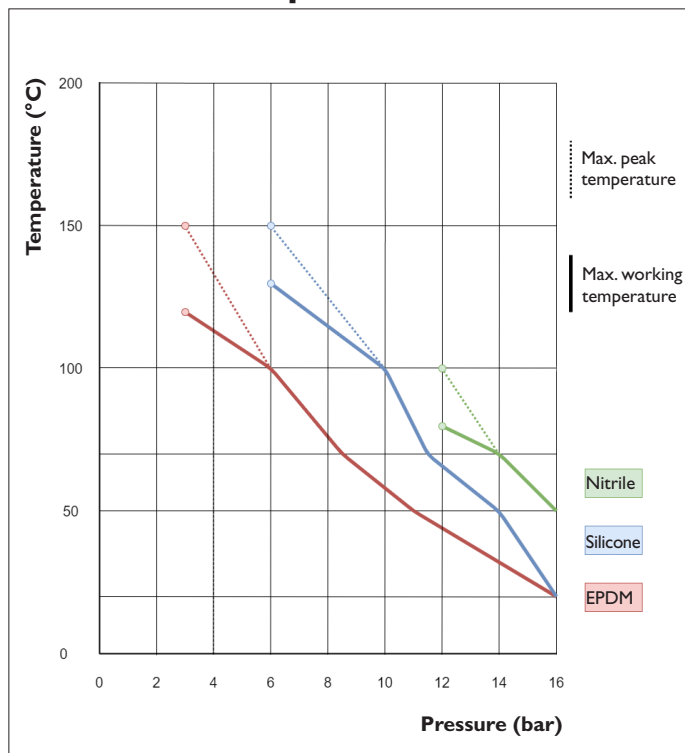
Pressure:	16 bar
Temperature:	-10°C - +180°C
Flow rate:	Fluids up to 2,5 m/sec Gases up to 15 m/sec
Media:	Non-hazardous fluids and gases
Dimension:	DN 25-200
Material body:	Stainless steel 1.4404
Approvals:	Drinking water with EPDM or Silicone

Pressure / Temperature / Material

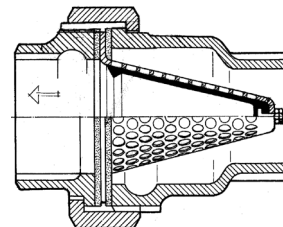
Permitted differential pressure over the valve: 16 bar

Diaphragm material	Constant working temperature	Maximum peak temperature
EPDM	120°C	150°C
Nitrile	80°C	100°C
Silicone	130°C	150°C

Pressure / Temperature

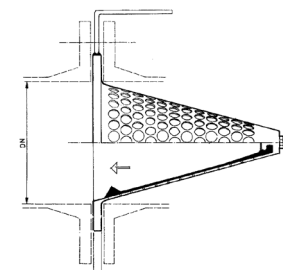


Mounting



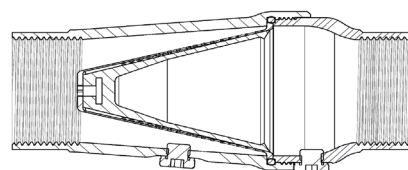
AL 51-41

For mounting in a large number of different tube fittings



AL 51-54

For clamping between flanges PN 10 / PN 16



AL 51-ASEA

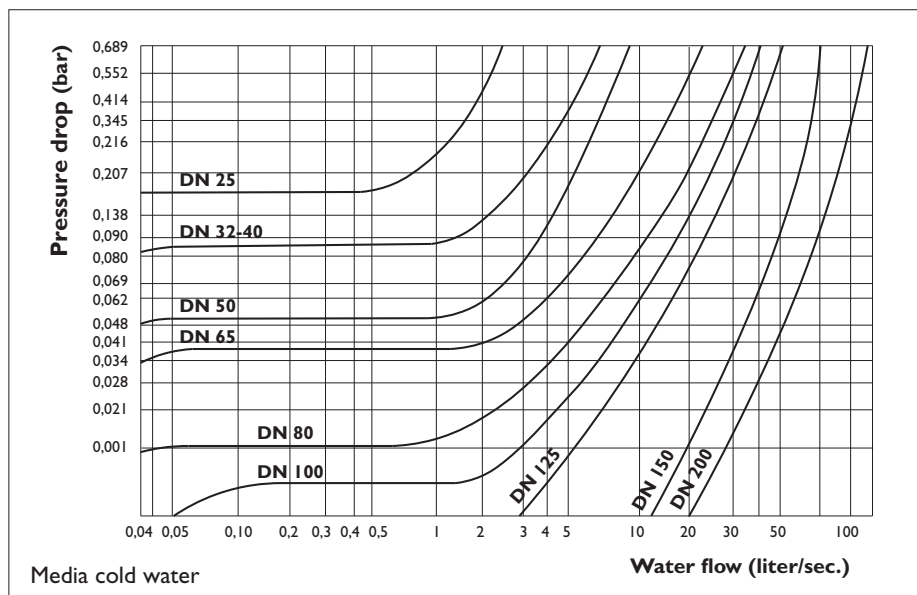
Check valve including tube fitting

CHECK VALVE

AL 51-41 / AL 51-54 / AL 51-ASEA

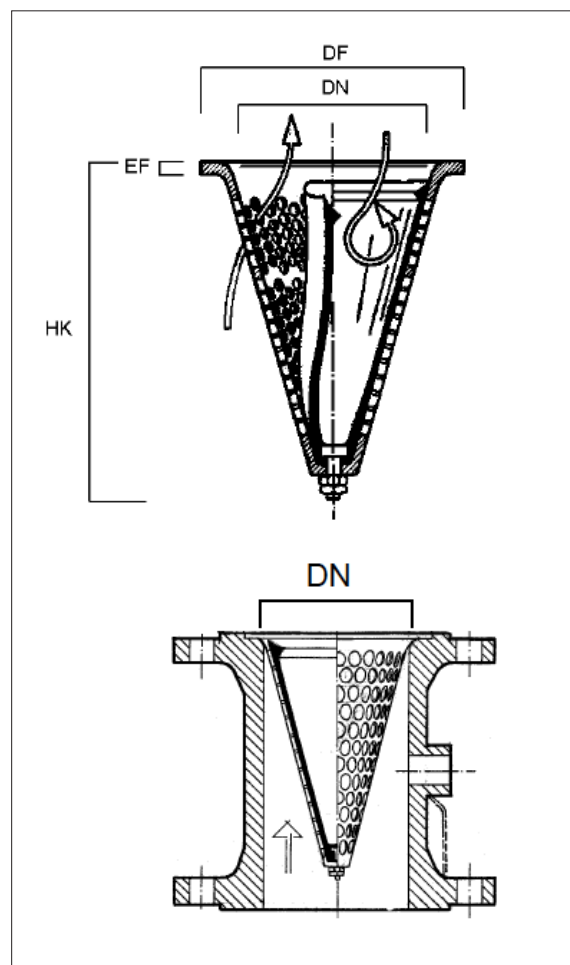
Lasso Stop Silent
Diaphragm design

Capacity



Dimensions

DN	AL 51-41 DF	AL 51-54 DF	Thickness EF	Height cone HK	Weight kg
25	36	-	2	45	0,02
32	54	-	2	50	0,04
40	56	82	2	60	0,09
50	65	102	2	80	0,14
65	-	118	2	100	0,18
80	-	132	4	130	0,44
100	-	158	4	170	0,66
125	-	188	6	220	1,17
150	-	210	6	270	1,55
200	-	268	6	365	2,78



Check valve /tube fitting AL 51-ASEA



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