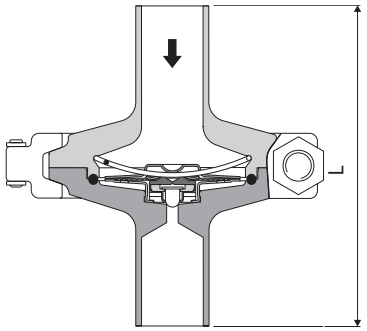
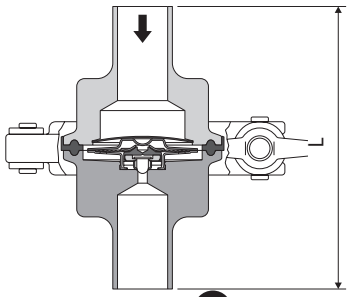
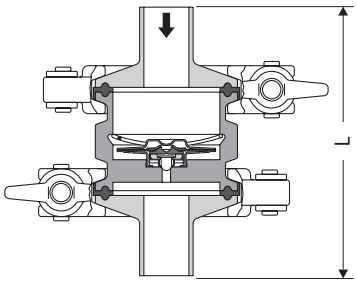


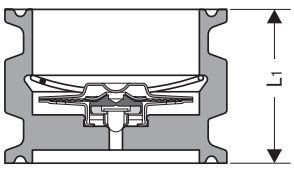
SMK 22, DN 15 STERIline®



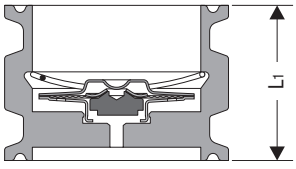
SMK 22-51 STERIline®



SMK 22-81, SMK 22-82 STERIline®



Functional unit SMK 22-81 STERIline®



Functional unit SMK 22-82 STERIline®

Application

Type	
SMK 22 STERIline®	**Virtually pocket-free** For small and medium condensate flowrates. Internal surface roughness Ra ≤ 0.8 µm machine faced, optionally up to Ra ≤ 0.4 µm electropolished.
SMK 22-51 STERIline®	**Virtually pocket-free** For small and medium condensate flowrates. Internal surface roughness Ra ≤ 0.8 µm machine faced, optionally Ra ≤ 0.6 µm plasma polished.
SMK 22-81 STERIline®	**Virtually pocket-free** For small and medium condensate flowrates. Functional unit easy to exchange. Internal surface roughness Ra ≤ 0.8 µm machine faced, optionally Ra ≤ 0.6 µm plasma polished.
SMK 22-82 STERIline®	**Virtually pocket-free** For medium and large condensate flowrates. Functional unit easy to exchange. Internal surface roughness Ra ≤ 0.8 µm machine faced, optionally Ra ≤ 0.6 µm plasma polished.
Functional unit SMK 22-81 STERIline®	**Virtually pocket-free** For small and medium condensate flowrates. Internal surface roughness Ra ≤ 0.8 µm machine faced, optionally Ra ≤ 0.6 µm plasma polished. Connection via socket for mounting between clamps DIN 32676-DN 40.
Functional unit SMK 22-82 STERIline®	**Virtually pocket-free** For medium and large condensate flowrates. Internal surface roughness Ra ≤ 0.8 µm machine faced, optionally Ra ≤ 0.6 µm plasma polished. Connection via socket for mounting between clamps DIN 32676-DN 40.
SRK 22A	**Virtually pocket-free** Non-return valve for liquids, gases and steam. Connection via socket for mounting between clamps DIN 32676.

Pressure/Temperature Ratings

Type	PN / Class	ΔPMX	Material		Pressure/Temp. Rating[1]			
			EN	ASTM	PMA	TMA	p/T	
		[bar]			[bar]	[°C]	[bar/°C]	
SMK 22	PN 10	6	1.4435	A276 316L[2]	10.0	185[3]	10.0 / 20	6.0 / 185[3]
SMK 22-51	PN 10	6	1.4404	A182 316L[2]	10.0	185[3]	10.0 / 20	6.0 / 185[3]
SMK 22-81 **SMK 22-82**	PN 10	6	1.4404	A182-316L[2]	10.0	185[3]	10.0 / 20	6.0 / 185[3]
Functional unit **SMK 22-81** **SMK 22-82**	PN 10	6	1.4404	A182-316L[2]	10.0	185[3]	10.0 / 20	6.0 / 185[3]
SRK 22A	PN 10	–	1.4408 / 1.4571	A351 CF8M / AISI316Ti	10.0	185[3]	10.0 / 20	6.0 / 185[3]

[1]) Limits for body/cover. Functional requirements may restrict the use to below the limits quoted. For full details on limiting conditions depending on end connection and type of regulator see data sheet.

[2]) ASTM nearest equivalent is stated for guidance. Physical and chemical properties comply with EN.

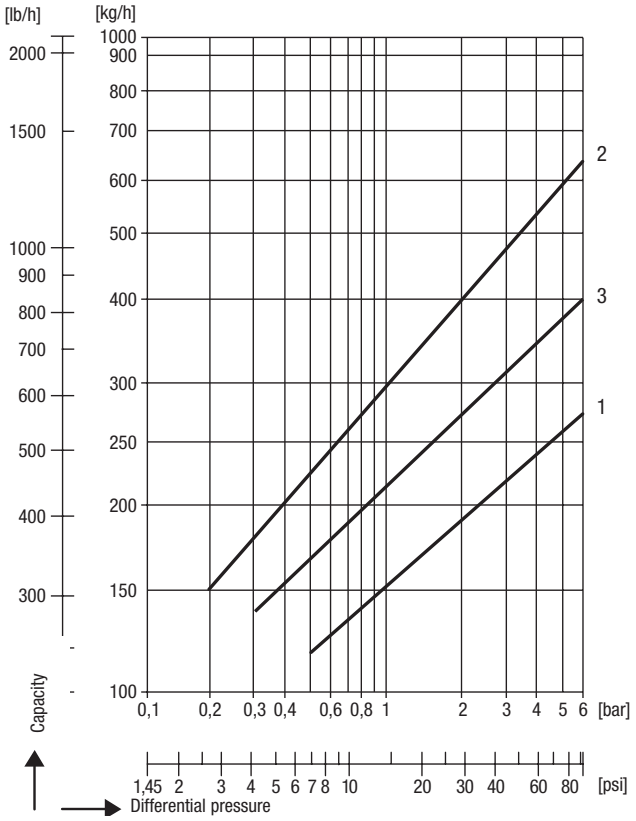
[3]) 185 °C with PTFE gasket, 150 °C with EPDM gasket.

Available End Connections and Overall Length

Type	Connections	Overall length (L) in mm						
		DN 10 3/8"	DN 15 1/2"	DN 20 3/4"	DN 25 1"	DN 32 1 1/4"	DN 40 1 1/2"	DN 50 2"
SMK 22	Butt-weld ends Clamp	83 65	83 65	83 65	83 65	–	–	–
SMK 22-51	Butt-weld ends Clamp	90 65	90 65	90 65	90 65	–	–	–
SMK 22-81	Butt-weld ends	96	96	96	96	–	–	–
Functional unit **SMK 22-81** **SMK 22-82**	Socket for mounting between clamps DIN 32676-DN 40 L1 standard	–	–	–	35	–	–	–
SRK 22A	Socket for mounting between clamps DIN 32676	–	23	29.5	33.5	38	43	54

Capacity Charts

SMK 22, SMK 22-51, SMK 22-81, SMK 22-82



The chart shows the maximum capacities for hot and cold condensate.

Curve 1 SMK 22, SMK 22-51, SMK 22-81
This curve indicates the max. capacity of hot condensate that the steam trap with regulating membrane Steri*line* can discharge with virtually no banking-up.

Curve 2 SMK 22, SMK 22-51, SMK 22-81, SMK 22-82
This curve shows the max. capacity of cold condensate that the steam trap can discharge (20 °C at start-up).

Curve 3 SMK 22-82
This curve indicates the max. capacity of hot condensate that the steam trap with regulating membrane Steri*line* can discharge with virtually no banking-up.

SRK 22A