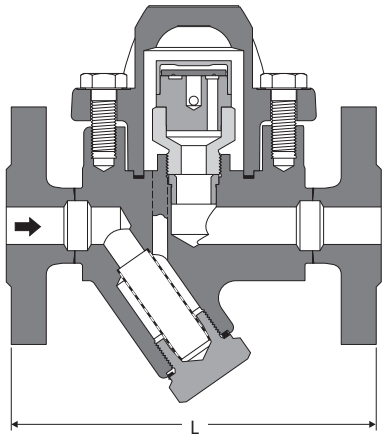
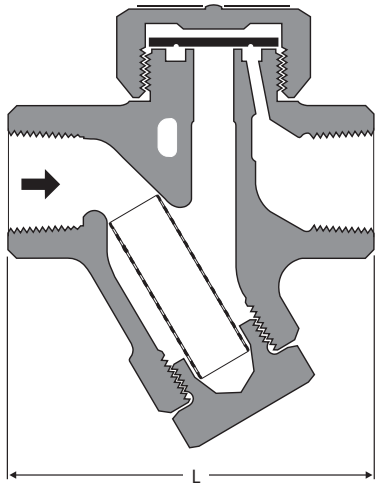
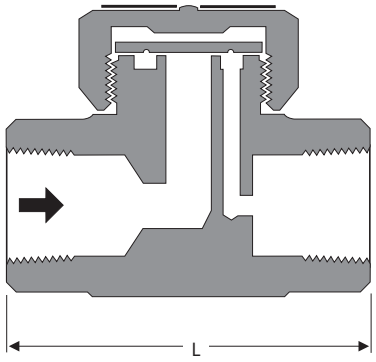


DK 45



DK 47



DK 57

Features of the DK series

- Discharge with virtually no banking-up
- Robust, insensitive regular
- Installation in any position
- Max. admissible back pressure 80 % of the upstream pressure

Application

Type	Application
DK 45 RHOMBUSline®	**Rhombusline body** with enclosed, weather-resistant regulator for discharging steam lines and tracing systems without banking-up of condensate
DK 47-L **DK 57-H**	**Compact steam trap** for small condensate flowrates for discharging steam lines and tracing systems without banking-up of condensate
DK 47-H **DK 57-H**	**Compact steam trap** for large condensate flowrates for discharging steam lines and tracing systems without banking-up of condensate

Pressure/Temperature Ratings *)

Type	PN Class	∆ PMX [bar]	Material EN	Material ASTM	Pressure/Temp. Rating PMA / TMA	Pressure/Temp. Rating PMA / TMA
DK 45	PN 40	32	1.0460[1])	A 105[1])	28.4 bar / 250 °C	23.1 bar / 400 °C
DK 47	PN 63 / Class 600	42	1.4027[2])	A 743CA40	63 bar / 120 °C	42 bar / 400 °C
DK 57	PN 63/ Class 600	42	1.4021[2])	AISI 420	63 bar / 120 °C	42 bar / 400 °C

[1]) Material complies with EN and ASTM requirements.
[2]) ASTM nearest equivalent grade is stated for guidance only.

Available End Connections and Overall Length

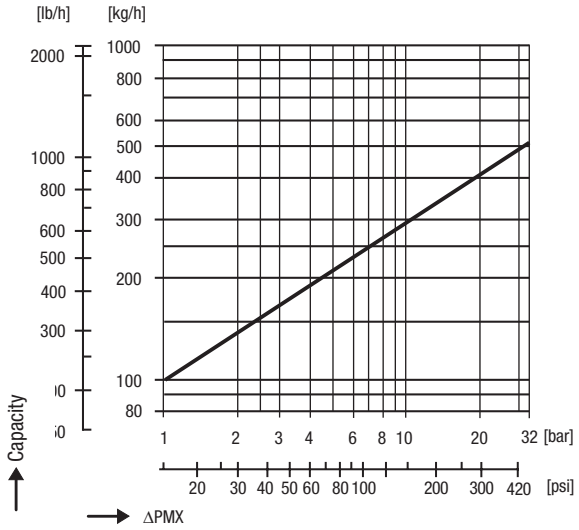
Type	Connections	Overall length (L) in mm DN 10 3/8"	DN 15 1/2"	DN 20 3/4"	DN 25 1"
DK 45	Flanged EN PN 40	–	150	150	160
	Flanged ASME 150[1])	–	150	150	160
	Flanged ASME 300[1])	–	150	150	160
	Screwed sockets	–	95	95	95
	Socket-weld (SW)	–	95	95	95
	Butt-weld (BW)	–	200	200	200
DK 47-L	Screwed sockets	78	78	90	95
DK 47-H	Screwed sockets	–	78	90	95
DK 57-L	Screwed sockets	55	65	80	–
DK 57-H	Screwed sockets	–	70	80	90

[1]) DK 45 with flanged ASME: Overall length 172 mm on request.

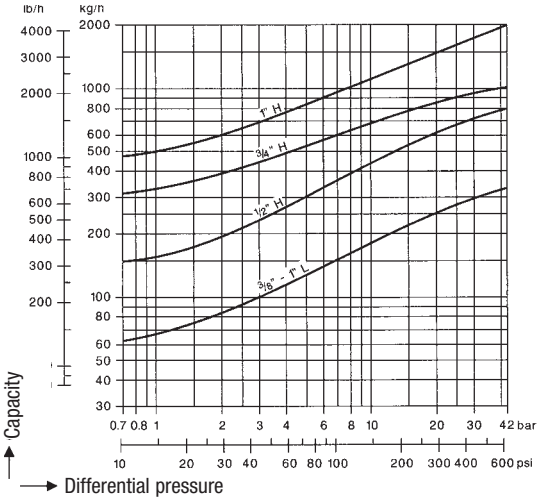
Capacity Charts

The charts show the maximum hot condensate capacities for the range of orifices (0) and sizes available.

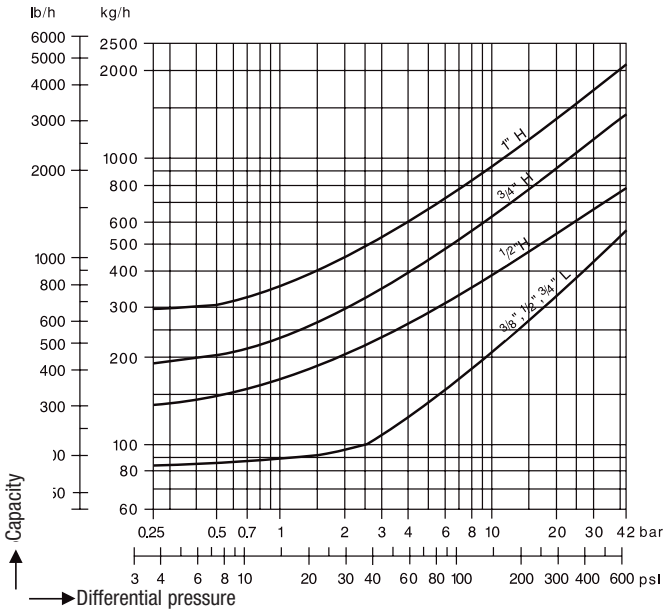
DK 45



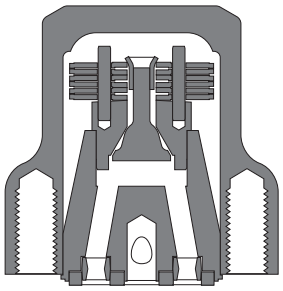
DK 47



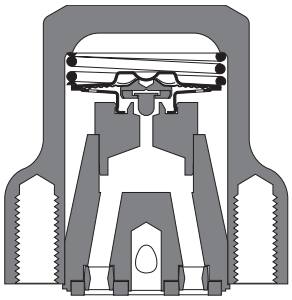
DK 57



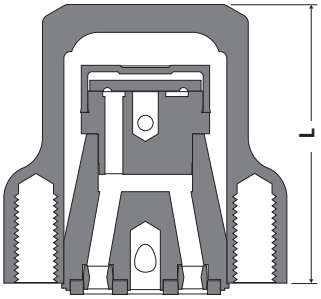
ECONOline®



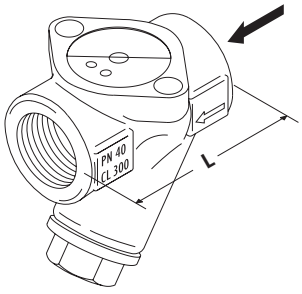
Steam trap unit BK 36A/7



Steam trap unit MK 36A/7



Steam trap unit DK 36A/7



Universal connector with integrated strainer UCY

Features

- Maintenance-free, ultra-compact steam traps made from stainless steel, suitable for all UNIVERSAL (Swivel) connectors
- Installation in any position
- Integrated seals for connector
- Only two screws make for a quick and easy installation
- All trap units are optionally available with a UNIVERSAL connector (not fitted)

Application

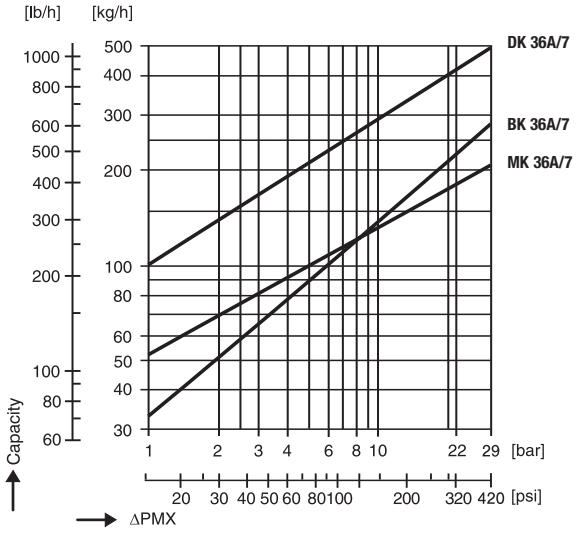
Type	
BK 36/7 ECONOline®	**"Thermostatic/thermodynamic bimetallic"** trap unit with corrosion-resistant Duo S.S. regulator unaffected by waterhammer, for condensate with virtually no banking-up and automatic air-venting of steam lines and tracing systems.
MK 36A/7	**"Thermostatic capsule"** trap unit with corrosion-resistant membrane regulator 5N1 unaffected by waterhammer, for condensate discharge with virtually no banking-up and automatic air-venting of steam lines and tracing systems.
DK 36A/7	**"Thermodynamic"** trap unit for condensate discharge with virtually no banking-up.
UC	Universal connector
UCY	Universal connector with integrated strainer

Specification

Type	PN Class	Δ PMX [bar]	Material		Pressure /Temperature	
			EN	ASTM	PMA / TMA	PMA / TMA
BK 36A/7	300	29	1.4408	A 351-CF8M	49.6 bar / 20 °C	29.3 bar / 400 °C
MK 36A/7	300	29	1.4408	A 351-CF8M	49.6 bar / 20 °C	29.3 bar / 400 °C
DK 36A/7	300	29	1.4408	A 351-CF8M	49.6 bar / 20 °C	29.3 bar / 400 °C
UC, UCY	300	-	1.4408	A 351-CF8M	49.6 bar / 20 °C	29.3 bar / 400 °C

Available Connections and Lengths

Type	Connection	Length L		
		1/2"	3/4"	1"
BK 36A/7; MK 36A/7; DK 36A/7	Universal connector	65	65	65
UC, UCY	Screwed sockets BSP or	75	75	75
	NPT, Socket-weld ends	75	75	75
	butt-weld ends	available on request		



The chart shows the discharge capacity of hot condensate