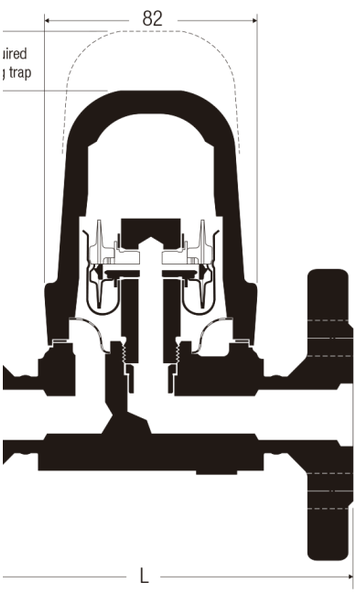
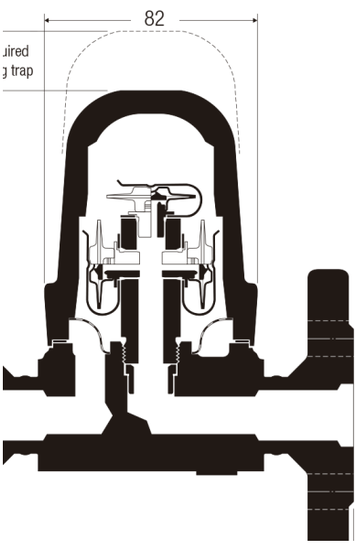
Trampa de vapor termostática MK35-2S - MK35/2S3



MK 35/2S, DN 25



Steam Traps

MK 35/2S, MK 35/2S3

PN 40 / Class 150, 300, DN 25 (1")

Description

Thermostatic steam trap with corrosion resistant thermostatic capsule (membrane regulator) unaffected by waterhammer. With integral strainer.

Asbestos-free cover gasket (graphite/CrNi). Installation in any position.

MK 35/2 S

With **two** thermostatic capsules 5 H 2. For condensate flowrates up to 1100 kg/h at Δp 5 bar.

MK 35/2 S 3

With **three** thermostatic capsules 5 H 2. For condensate flowrates up to 1700 kg/h at Δp 5 bar.

Pressure/Temperature Ratings		**PN 40**				
Body material		1.0460 (P250GH / C22.8) / ASTM A105				
Nominal size (DN)		25				
Connection		Flanged PN 40, EN 1092-1, WG 3EO				
Max. allowable pressure PMA	[barg]	40	30.2	25.8	23.1	
	[psig]	580	437	370	335	
Inlet temperature TMA	[°C]	20	200	300	400	
	[°F]	68	392	572	752	

Pressure/Temperature Ratings		**Class 300**				
Body material		1.0460 (P250GH / C22.8) / ASTM A105				
Nominal size (DN)		25				
Connection		Flanged ASME Class 300, B16.34, Group 1.1				
Max. allowable pressure PMA	[barg]	51	43.9	38.9	34.6	28.7
	[psig]	740	637	565	500	419
Inlet temperature TMA	[°C]	20	200	300	400	425
	[°F]	68	392	572	752	797

Pressure/Temperature Ratings		**Class 150**				
Body material		1.0460 (P250GH / C22.8) / ASTM A105				
Nominal size (DN)		25				
Connection		Flanged ASME Class 150, B16.34, Group 1.1				
Max. allowable pressure PMA	[barg]	19.7	14	10.2	6.5	5.6
	[psig]	288	203	149	94	81
Inlet temperature TMA	[°C]	20	200	300	400	425
	[°F]	68	392	572	752	797

Steam Traps

MK 35/2S, MK 35/2S3
PN 40 / Class 150, 300, DN 25 (1")

Capacity Chart

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

MK 35/2 S

Curve 4:

Condensate temperature 10 K below saturation temperature.

Curve 2:

Cold condensate at 20 °C (at start-up).

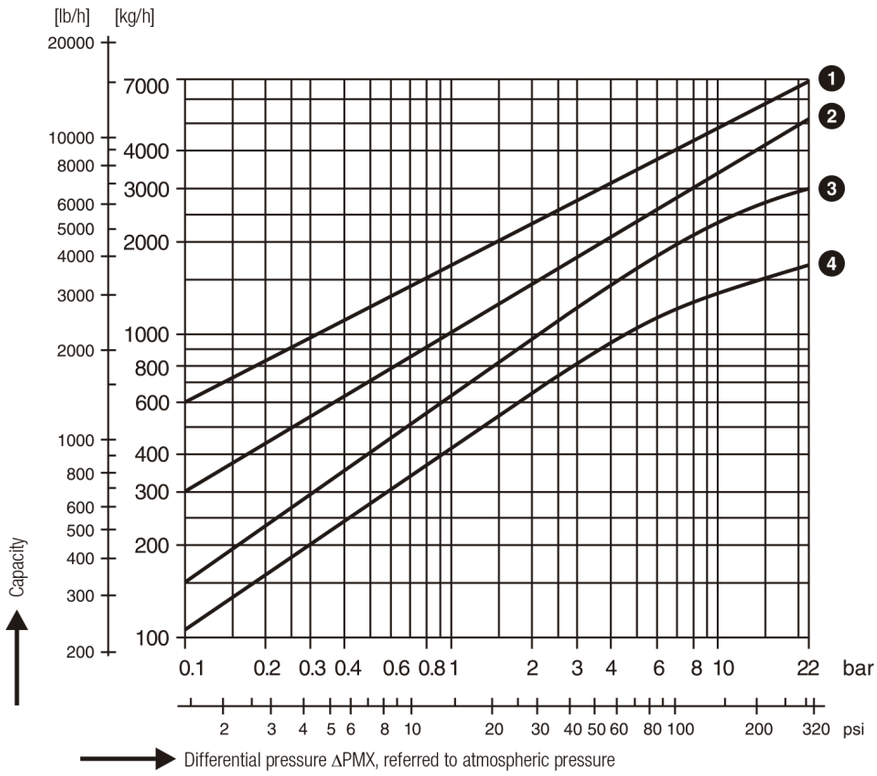
MK 35/2 S 3

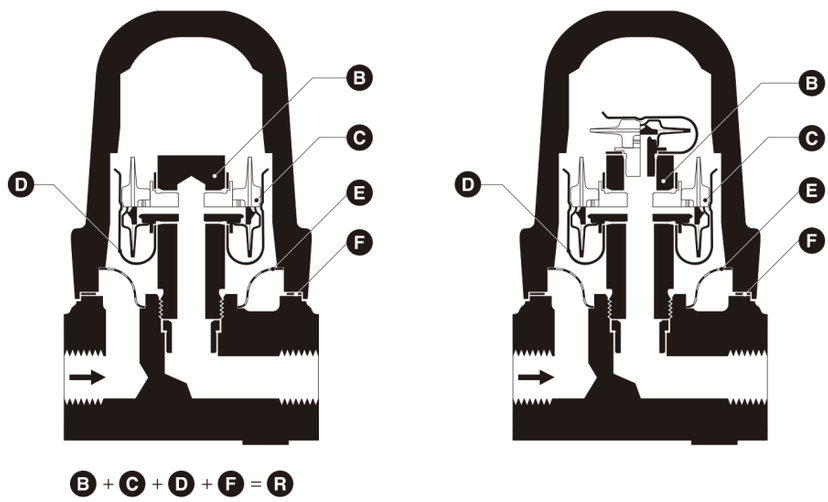
Curve 3:

Condensate temperature 10 K below saturation temperature.

Curve 1:

Cold condensate at 20 °C (at start-up).





When ordering please state:

Steam pressure, back pressure, quantity of condensate to be discharged, type, size, connections, mounting position of the trap and details of application.

The following test certificates can be issued on request, at extra cost:

In accordance with DIN EN 10204/2.2 and -3.1B. All inspection requirements have to be stated with the order. After supply of the equipment certification cannot be established. For tests and inspection charges please consult us.

CE

These products comply with the requirements of the EC Pressure Equipment Directive (PED) 97/23. All sizes are excluded from the scope of the PED and must **not** bear the CE marking.

Item	Designation	Stock code	
		MK 35/2S	MK 35/2S3
R	Regulator with cover gasket	376730	376731
C	Capsule 5H2[1])	376174	376174
F	Gasket[2]) 67 x 77 x 1	560493	560493
E	Strainer, cover gasket	376732	376732

[1]) Packed 10 per box. Contact your local dealer for smaller quantities.

[2]) Packed 20 per box. Contact your local dealer for smaller quantities.

Supply in accordance with our general terms of business.