



GESTRA Steam Trap
MK 35/61
Steam Trap Unit for Swivel Connector

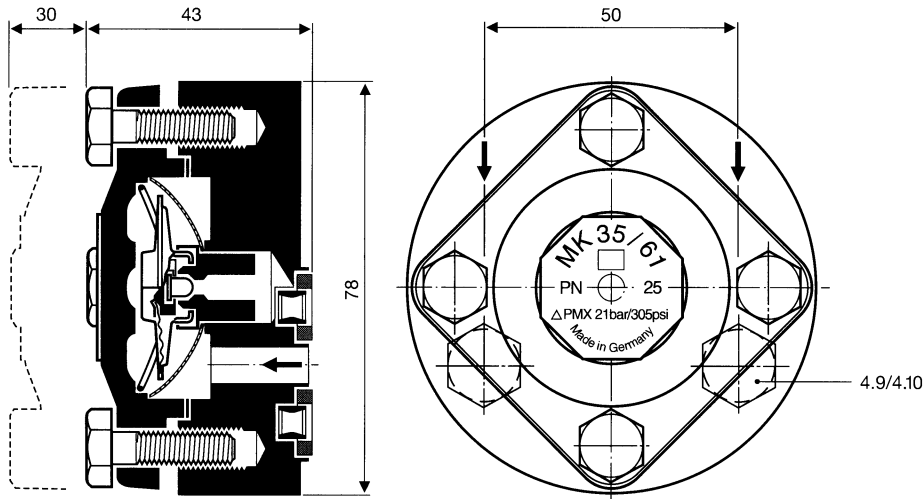


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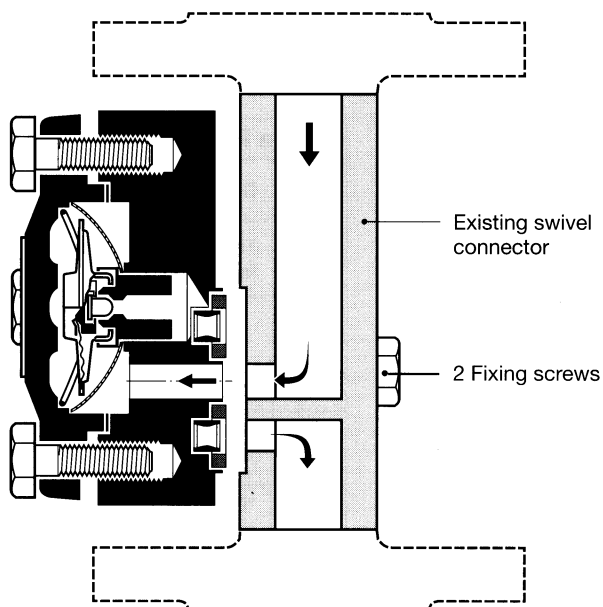
Steam Trap
PN 25

A₁

MK 35/61



Example of installation



Thermostatic steam trap unit for low condensate flowrates, provided with corrosion-resistant thermostatic capsule unaffected by water-hammer. For mounting to an existing swivel connector. With integral strainer. Installation in any position.

MK 35/61

Standard design "N" with standard capsule 5 N 1 for instantaneous condensate discharge with virtually no banking up.

MK 35/61 U

Design "U" with undercooling capsule 5 U 1. Discharge of condensate with an undercooling of approx. 30 K (degC).

Pressure/Temperature Rating
according to DIN 3548 PN 25 C 22.8

PMA (Maximum allowable pressure)	[bar] [psig]	21 305	13 185	9 130
TMA (Maximum allowable temperature)	[°C] [°F]	225 437	400 752	450 842
ΔPMX (Maximum differential pressure) (Inlet pressure minus outlet pressure)		21 bar (305 psi)		

Materials	DIN reference	ASTM equivalent
Body	C 22.8 (1.0460)	A 105
Cover screws	24 CrMo 5 (1.7258)	A 193 B 7
Thermo- static capsule	Membrane	Hastelloy®
	Capsule	Stainless Steel
Other internals	Stainless Steel	

Connections

Mounted to an existing swivel connector.

Weight

MK 35/61 approx. 1 kg

Capacity Chart

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

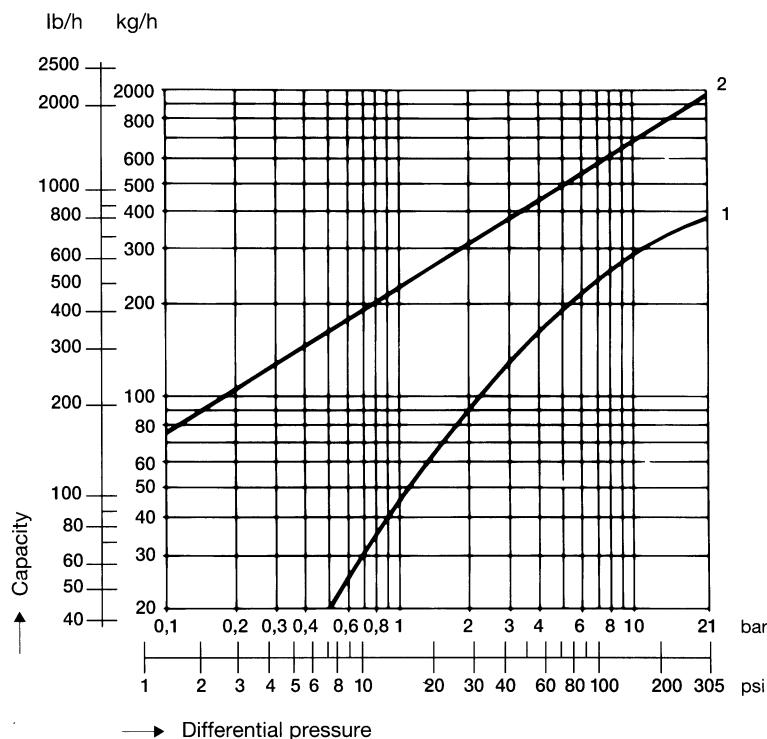
Curve 1

Indicates the max. capacity of hot condensate that the trap with thermostatic capsule 5 N ... can discharge with virtually no banking up (condensate temperature approx. 10 K below saturation temperature) and the traps with 5 U ... capsule when the condensate is approx. 30 K below saturated steam temperature (condensate banking up).

Curve 2

Indicates the max. capacity of cold condensate that the trap can discharge (condensate temperature 20 °C).

Capacity Chart for MK 35/61



When ordering please state:

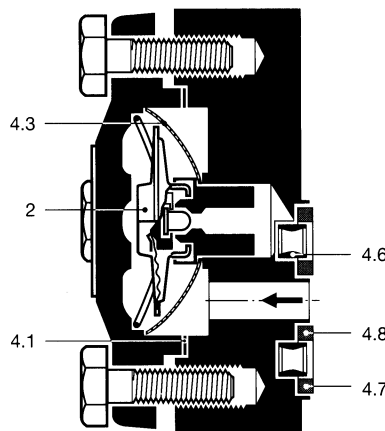
Steam pressure, back pressure, quantity of condensate to be discharged, type connections, size, place of installation of the trap or type of steam user.

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

In accordance with DIN 50049/2.2 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.

Supply in accordance with our general terms of business.

Technical modifications reserved.



Spare Parts		
Item No.	Designation	Order No.
2	Thermostatic capsule 5 N 1	085 586
	for MK 35/31 5 U 1	086 137
4.1	Cover gasket graphite/CrNi	087 080
4.3	Strainer	087 401
4.6	Centering ring	522 374
4.7	"External" gasket (pure graphite)	522 375
4.8	"Internal" gasket (pure graphite)	522 376
4.9	Fixing screws 3/8 - 16 UNC x 1 3/16	014 480
4.10	Fixing screws 3/8 - 16 UNC x 2	014 481