



Type MK45



Thermostatic steam trap with diaphragm regulator – steel

with mono-membrane regulator - corrosion-resistant and water hammer protected flanges (DIN EN 1092-1); threaded ends (ISO 228-1); butt weld ends / -socket (EN 12627 / DIN EN 12760)

with strainer (y-type) and built-in non-return valve

Variant 1 with tandem seat (double sealing)
condensate hot: ca. 10 ... 600 kg/h; cold (20 °C): ca. 0 ... 1.000 kg/h

Variant 2 with single seat
condensate hot: ca. 15 ... 1.100 kg/h; cold (20 °C): ca. 0 ... 2.800 kg/h

approval / certification (partly for an additional charge):

ATEX 94/9/EG, use in potentially explosive atmospheres GII, kat. 2/3 (area 1+21 / 2+22)

PED 97/23/EG attachment I, fulfills requirements for use with fluids group 2

N. diameter: DN15 ... DN25

N. pressure: PN40

Body: steel P250GH (1.0460; old: C22.8), stainless steel on request

Memb. regulator: Hastelloy®

Gasket: graphit / CrNi

Temperature: up to 450 °C

Face-to-face: flanges: DN15 / DN20 = 150 mm; DN25 = 160 mm

butt weld ends: DN15 ... DN25 = 200 mm; threaded ends- / welding socket: 95 mm

N. diameter DN Inch	Flange F	Female thread G	Welding socket M	Butt weld ends E
15 G ½"	KON-MK45-_DS15F	KON-MK45-_DS15G	KON-MK45-_DS15M	KON-MK45-_DS15E
20 G ¾"	KON-MK45-_DS20F	KON-MK45-_DS20G	KON-MK45-_DS20M	KON-MK45-_DS20E
25 G 1"	KON-MK45-_DS25F	KON-MK45-_DS25G	KON-MK45-_DS25M	KON-MK45-_DS25E

Steam trap

Thermally trap with diaphragm regulator

Thermostatic steam trap with diaphragm regulator of the series MK, basically use as steam trap.

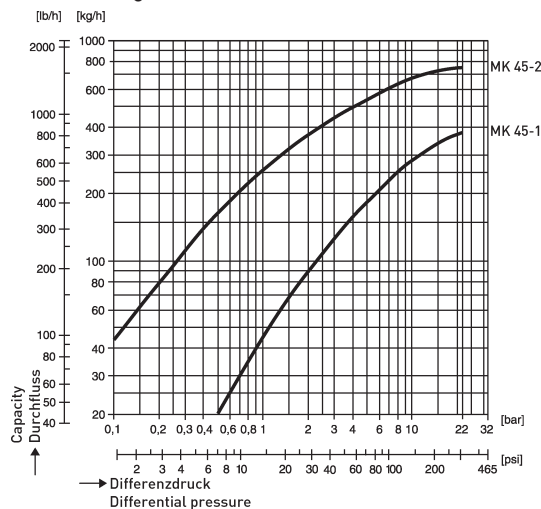
Variants on request

Upon request, we can supply NPT-threaded ends / flanges i. a. with ASME B16.5 / B16.11

Pressure-temperature-table

Pressure [bar]	Temperature [°C]	20 °C	200 °C	300 °C	350 °C	400 °C	450 °C
Flanges PN40		40	33,3	27,6	25,7	23,8	13,1
Welding socket Butt weld ends Threaded ends		51,1	43,8	39,8	37,6	34,7	28,8

Flow rate diagram



Order code

KON-MK45- _ DS _ _ _
Variant: 1
Variant: 2
N. diameter DN: _ _
Connection Flange: F
Female thread: G
Welding socket: M
Butt weld ends: E