Thermostatic capsule steam traps type KF24/KF25

KF24

Application and function

The thermostatic capsule steam traps are generally used to drain pipelines, steam distributors as well as smaller heat consumers or as exhauster. These steam traps immediately adapt to the changing operating conditions and drain the condensate with continuous undercooling. The valve closes due to the evaporation of the liquid in the capsule.

Technical basic equipment

- Process connection flanges PN 40 DN15/20/25
- Steam trap with evaporation thermostat as regulator
- High operating sensitivity
- Exzellent drainage and exhaust characteristics in the entire working area
- Resitant against water hammer and superheated steam
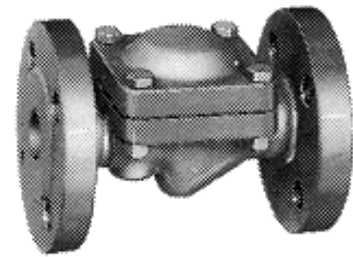- High expectancy and reliabilty
- Undercooling: 12K

KF25

Available (optional) versions

- Undercooling: 6K, 25K

Technical data

Type		KF24	KF25
Nominal dimeter	DN	DN15/20/25	
All. pressure	PS [bar]	22	
All. temperature	TS [° C]	300 (DIN 2401)	
Dimension	[mm]	DIN EN 26554 R1	
Connection		Flanges as per DIN 2635	
Equipment	KF24	Backflow preventer, strainer	
	KF25	Backflow preventer, strainer, sight glasses	
Material	Housing	C22.8 (1.0460)	
	Cap	C22.8 (1.0460)	
	Inner parts	Corrosion and acid resistant CrNi-steel	
	Capsule	X 5 CrNi 18 10 (1.4301)	

Dimensions

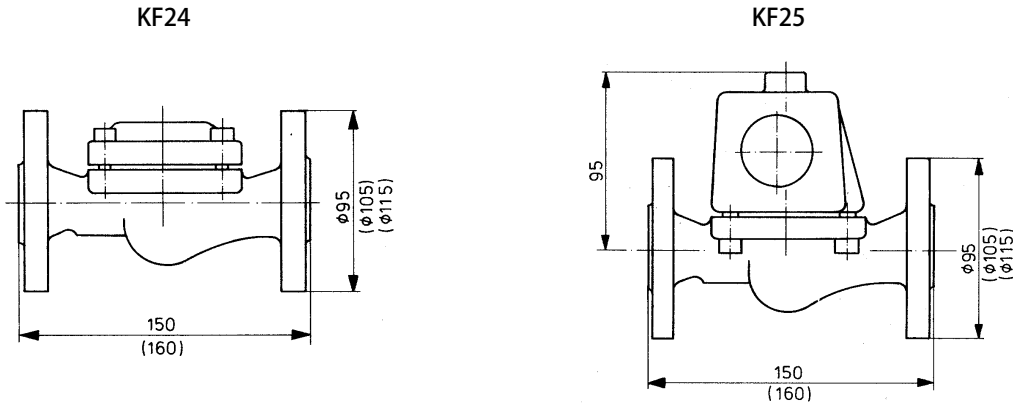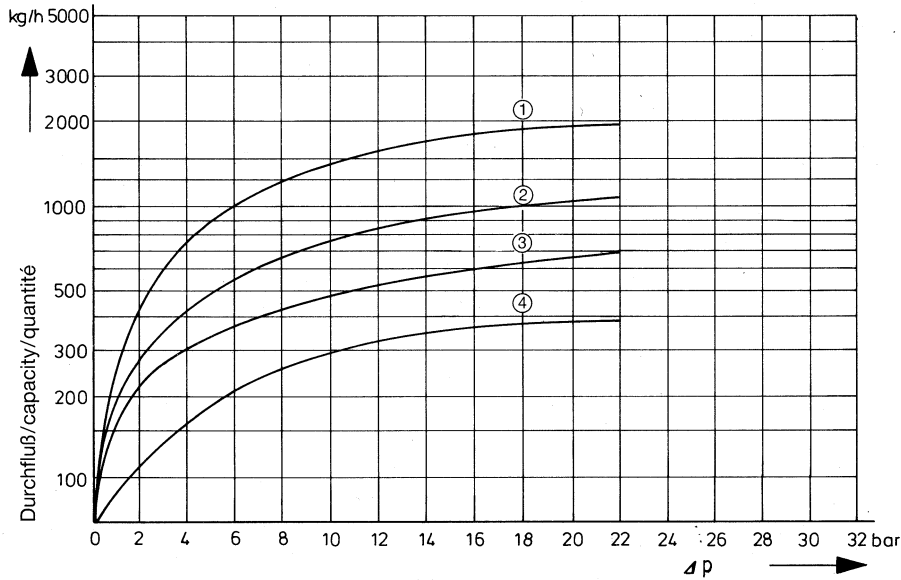### KF24

KF25

Capacity

Curve 1: Cold water capacity   „hD"   [seat version for high capacity (Standard)]
Curve 2: Cold water capacity   „nD"   [seat version for low capacity]
Curve 3: Hot water capacity   „hD"   [seat version for high capacity (Standard)]
Curve :   Hot water capacity   „nD"   [seat version for low capacity]

Type	Article no.	DN	PS [bar]	Spare parts		
				Sight glasses with sealings	Valve seat with sealings	Capsule with sealings
				Article no.	Article no.	
KF24	K-12-13-A1	15	22	---	15-02768	15-02769
	K12-13-A2	20				
	K12-13-A3	25				
KF25	K-12-13-B1	15		15-02767	15-02768	15-02769
	K-12-13-B2	20				
	K-12-13-B3	25				