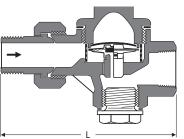
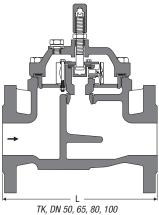
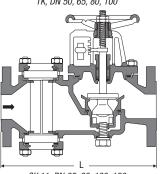


UBK 46, DN 15, 20, 25



MK 20, DN 15, 20





GK 11, DN 65, 80, 100, 150 GK 21, DN 50

Application

Туре	
AK 45 RHOMBUS/line®	Condensate drain valve for discharging condensate from steam systems during start-up and draining residual condensate at shut-down, with integral Y-type strainer and hand purging knob. Factory-set closing pressure 0.8 bar.
UBK 46	Steam trap with adjustable condensate discharge temperature, thereby suppressing the formation of flash steam. With Y-type strainer.
MK 20	Steam trap for low-pressure steam-heating installations.
TK 23, TK 24	Steam trap with thermostatic pilot control using thermostatic capsules for the discharge of very large condensate flowrates with relatively continuous condensate formation.
GK 11 ¹)	Thermodynamic steam trap with stage nozzle for the discharge of very large condensate flowrates. With integral Vaposcope (sightglass) for optimum trap adjustment.

¹⁾ DN 50 mm: GK 21

Pressure/Temperature Ratings

Туре	PN / Class	∆ PMX	Mat	erial	Max. Pressure/Temperature Rating ¹)					
			EN	ASTM	PMA	TMA	p,	/T		
		[bar]			[bar]	[°C]	[bar	[bar/°C]		
AK 45	PN 40	_	1.0460	A105	40.0	450	27.6 / 300	13.1 / 450		
UBK 46	PN 40	32	1.0460	A105	40.0	450	27.6 / 300	13.1 / 425		
MK 20	PN 6	4.5	5.4202	-	6.0	300	4.5 / 250	3.6 / 300		
TK 23	PN 16	5 / 10	5.1301	A126 Cl.B ²)	16.0	300	16.0 / 120	10.0 / 300		
TK 24	PN 25	5 / 14	1.0619	A216 WCB	25.0	400	25.0 / 120	13.0 / 400		
GK 11, GK 21	PN 16	6	5.1301	A126 Cl.B ²)	16.0 ³)	300	16.0 / 1203)	13.0 / 3003)		

Limits for body/cover. Functional requirements may restrict the use to below the limits quoted.
 For full details on limiting conditions depending on end connection and type of regulator see data sheet.

Available End Connections and Overall Lengths

		Overall length (L) in mm								
Туре	Connection	DN 10 3/8"	DN 15 1/2"	DN 20 3/4"	DN 25 1"	DN 50 2"	DN 65 2 ¹ / ₂ "	DN 80 3"	DN 100 4"	DN 150 6"
AK 45	Flanged EN PN 40	-	150	150	160	-	_	-	_	-
	Flanged ASME 150	-	150	150	160	_	_	_	_	_
	Flanged ASME 300	-	150	150	160	-	-	_	-	-
	Screwed sockets	-	95	95	95	_	_	_	_	_
UBK 46	Flanged EN PN 40	-	150	150	160	_	-	-	-	-
	Flanged ASME 150	-	150	150	160	_	_	_	_	_
	Flanged ASME 300	-	150	150	160	-	-	_	-	-
	Screwed sockets	-	95	95	95	_	_	_	_	_
	Socket-weld (SW)	-	95	95	95	-	-	_	-	-
MK 201)	Male/female thread	-	120	125	_	-	-	-	-	-
TK 23	Flanged EN PN 16	-	-	-	-	230	290	310	350	-
TK 24	Flanged EN PN 25	-	-	_	-	230	290	310	350	-
GK 11 ²)	Flanged EN PN 16	-	_	-	-	320	420	420	620	900

¹⁾ Straight-through or angle design (see representation)

²) ASTM nearest equivalent is stated for guidance. Physical and chemical properties comply with EN.

³) GK 11, DN 150, PN 10, max. 10 bar

²⁾ DN 50 mm: GK 21