

# LK 822 ThermoBac

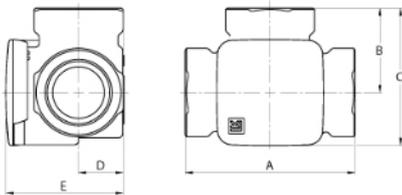
## TECHNICAL DATA

Working temperature	Min. +5°C / Max. +110°C
Ambient temperature	Min. +5°C / Max. +60°C
Max. working pressure	1.0 MPa (10 bar)
Max. pressure difference	50 kPa
Media	Water - Glycol mixture max. 50%
Material, valve body/cover	Brass EN 12165 CW617N
Material, sealing	EPDM

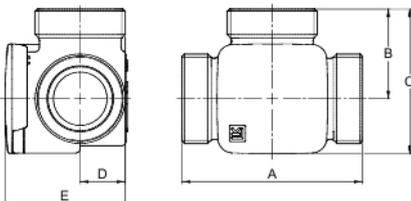
LK 822 ThermoBac is a 3-way check valve with low opening pressure and high fluid capacity. The valve is especially suitable for heating systems with storage tanks. The check valve prevents self-circulation from storage tank to boiler after the fire has gone out. In case of power failure or pump breakdown LK 822 ThermoBac automatically opens for self-circulation.

The valve should be mounted so that the flap in the check valve closes by its own weight.

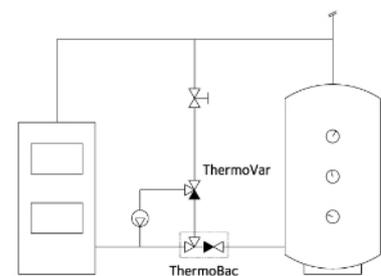
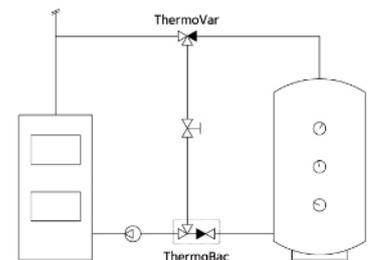
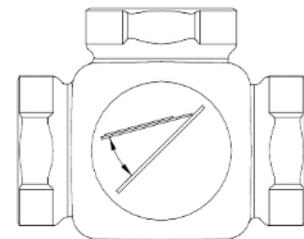
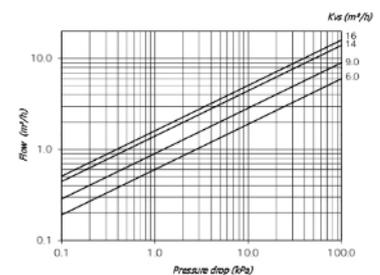
## LK 822 - FEMALE THREAD



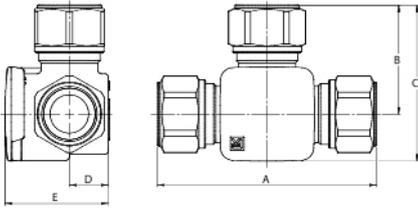
## LK 822 - MALE THREAD



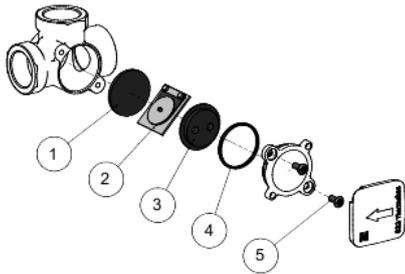
## Capacity Diagram



## LK 822 - COMPRESSION FITTING



## SPARE PARTS AND ACCESSORIES



Article number	Dim.	Kvs m <sup>3</sup> /h	A mm	B mm	C mm	D mm	E mm	Weight kg
181107	Rp ½"	6.0	80	40	66	21	35	0.5
181108	Rp ¾"	9.0	80	40	66	21	35	0.5
181109	Rp 1"	14	82	41	67	21	35	0.7
181110	Rp 1¼"	16	84	42	68	24	39	0.7

Article number	Dim.	Kvs m <sup>3</sup> /h	A mm	B mm	C mm	D mm	E mm	Weight kg
181111	G ¾"	6.0	80	40	66	21	35	0.5
181112	G 1"	9.0	80	40	66	21	35	0.5
181113	G 1¼"	14	84	42	68	21	35	0.7
181114	G 1½"	16	84	42	68	24	39	0.8

Article number	Dim.	Kvs m <sup>3</sup> /h	A mm	B mm	C mm	D mm	E mm	Weight kg
181115	15 mm	6.0	114	57	83	21	35	0.6
181116	22 mm	6.0	114	57	83	21	35	0.5
181117	28 mm	9.0	120	60	86	21	35	0.7

### Spare parts and Accessories

Article number	Article	Included components
187072	Repair kit 822, DN 15-32	1-5