

Tender specification:

Oventrop valve with lead sealable cap “Expa-Con” made of brass for isolation and draining as well as control, maintenance and possible replacement of diaphragm expansion tanks. PN 10 up to 120 °C. Secured against inadvertent closing with the help of wire and lead seal. According to DIN EN 12828 installation in the expansion pipe at the inlet of the expansion tank.

Models:

Rp	¾	x	Rp	¾
Rp	¾	x	Rp	1
Rp	1	x	Rp	1
Rp	1¼	x	Rp	1¼
Rp	1½	x	Rp	1½

Item no.:

1089006
1089008
1089052
1089010
1089012

Technical data:

Nominal pressure:	PN 10
Max. operating temperature t_s :	130 °C
Draining capacity:	k_{vs} value of the draining valve

Operation:

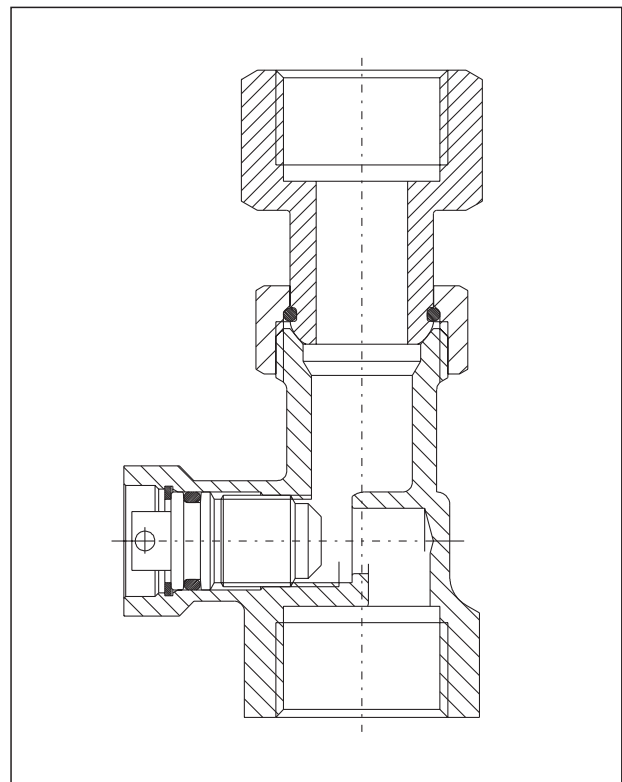
Maintenance of diaphragm expansion tanks: It is recommended to examine the pressure at the inlet of the expansion tank each time the installation is maintained or at least once a year. An accurate examination of the pressure is, however, only possible if the water supply connection of the expansion tank is drained.

To do so, remove the lead seal at the valve, take off the cap and close the valve by turning the stem down with an Allen key.

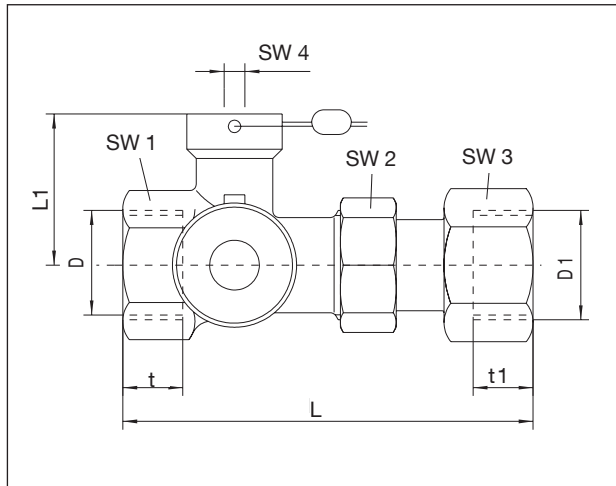
The diaphragm expansion tank is now separated from the heating system. Open the draining valve for draining the diaphragm expansion tank. Now the pressure at the inlet of the expansion tank is examined with the help of a pressure gauge and is compared with the pressure indicated on the tag. If necessary, the required pressure is set by refilling nitrogen. After examination of the pressure, open the valve slowly. Close the draining valve as soon as water escapes. Finally, the cap has to be replaced and be lead locked again.



Valve with lead sealable cap “Expa-Con”



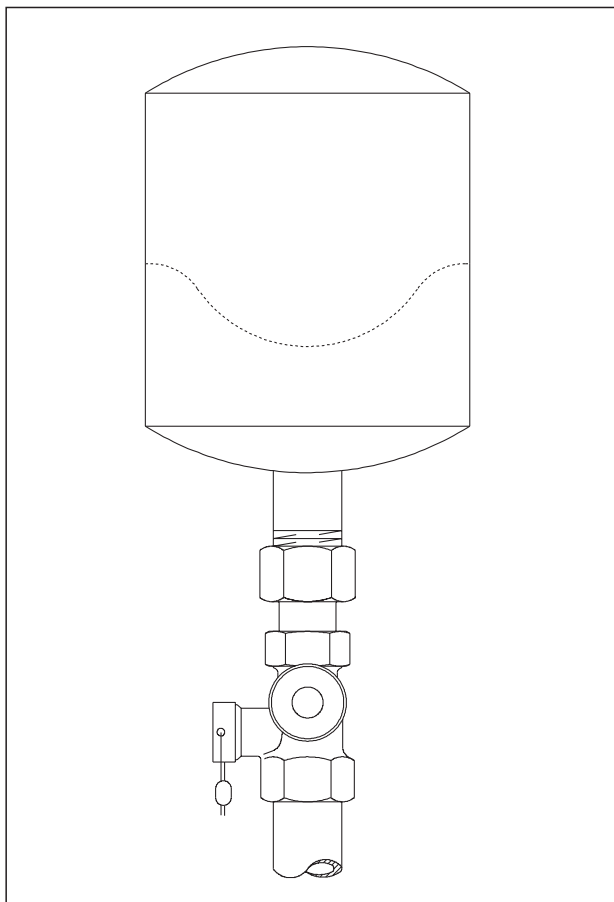
Illustrated section



D	D ₁	L	L ₁	t	t ₁	SW ₁	SW ₂	SW ₃	SW ₄
Rp ¾	Rp ¾	97.5	36.5	14.5	14.5	32	30	32	5
Rp ¾	Rp 1	100.5	36.5	14.5	16.8	32	30	38	5
Rp 1	Rp 1	122	57.5	16.8	16.8	41	46	38	10
Rp 1¼	Rp 1¼	127	56.5	19.1	19.1	54	46	46	10
Rp 1½	Rp 1½	127	56.5	19.1	19.1	54	46	58	10

SW₄ = Hexagon socket of the stem operating device
 SW = Spanner size

Dimensions



System illustration

Installation:

According to DIN EN 12828, the valve with lead sealable cap is installed in the expansion pipe at the inlet of the diaphragm expansion tank. First of all, the outlet of the valve with lead sealable cap is screwed onto the water supply connection of the expansion tank. The draining valve has to be sealed so that the draining nipple points downwards. After installation, the fully open valve has to be secured against inadvertent closing with the help of a wire and a lead seal. Finally the installation is filled and bled.

Accessory:

Lead sealing set consisting of 10 lead seals and locking wire, item no. 1089091.

Subject to technical modifications without notice.

Product range 6
 ti 53-EN/10/MW
 Edition 2018