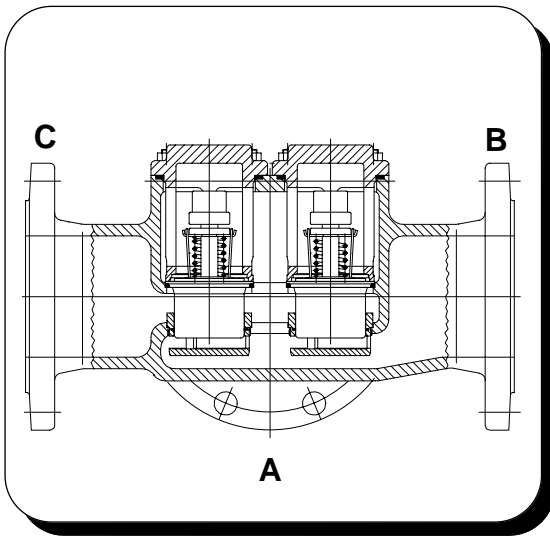


AKO Three-Way-Temperature Regulator Type Series 226.0120 deliverable sizes: 40, 50, 65, 80, 100, 125, 150 mm



Technical Data

Material:	
- Body	cast-iron GG 25
- Inner Parts	SS/Ms
Thermostat	237.0120-xxx
Operation Temperature	bis 120 °C
Operation Pressure	up to 16 bar
adm. Differential Pressure	up to 16 bar
Nominal Pressure	PN 16
Connection	Flange DIN 2533 E

Installation:

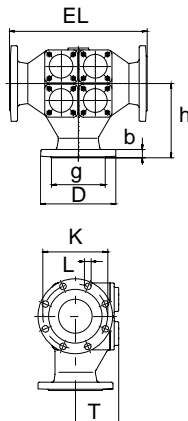
The installation can be done selectively as follows:
as divider **as mixing valve**
path A: from motor **path C:** from cooler
path B: to bypass **path B:** from bypass
path C: to cooler **path A:** to motor
 The paths have been marked on the connections.
 The temperature regulator may be installed in all positions..

deliverable temperature ranges:

05 - 15°C	32 - 41°C	43 - 54°C	66 - 74°C	77 - 85 °C	88 - 99 °C
14 - 26°C	35 - 43°C	51 - 60°C	68 - 78°C	79 - 88 °C	93 - 103 °C
20 - 30°C	37 - 47°C	57 - 66°C	71 - 79 °C	82 - 93 °C	102 - 113 °C
27 - 37°C	39 - 50°C	62 - 71°C	74 - 82 °C	85 - 96 °C	

AKO Temperature Regulators are suitable for the stabilization of Temperatures of media (e. g. water, oils, etc.) and are even applicable as dividing units or mixing valves. Depending on their construction they are distinguished by their low need of maintenance, particular operating convenience and resistance to pressure. A replacement of innerparts is possible on the spot without having to remove the regulating valve from the piping. A faulty assembly can be excluded. The temperature regulators could be assembled in each fitting position.

AKO Temperature Regulators are being equipped with easily replaceable internal wax-filled thermostats that absorb the temperature of the medium surrounding them at the measurement point namely into expansion and thus a change in path or length (the valve stroke). AKO Temperature Regulators do not require any auxiliary energy. At rising temperature and on excess of the opening temperature, the tube slide is being lifted off of the valve seat and opening path A to C, with the path A to B locking simultaneously in the same ratio. The change is being performed in proportion to the change of temperature of the passing medium.



order-no.	DN	D	g	b	h	T	EL	K	L	pieces of thermostats	kg
226.0120-040	40	150	88	18	102	142	178	110	4x18	1	13,0
226.0120-050	50	165	102	20	150	135	225	125	4x18	1	17,0
226.0120-065	65	185	122	20	165	116	254	145	4x18	2	25,0
226.0120-080	80	200	138	22	171	108	267	160	8x18	2	29,0
226.0120-100	100	220	158	24	217	125	403	180	8x18	4	43,0
226.0120-125	125	250	188	26	241	182	489	210	8x18	6	65,0
226.0120-150	150	285	212	26	254	182	489	240	8x22	8	79,0