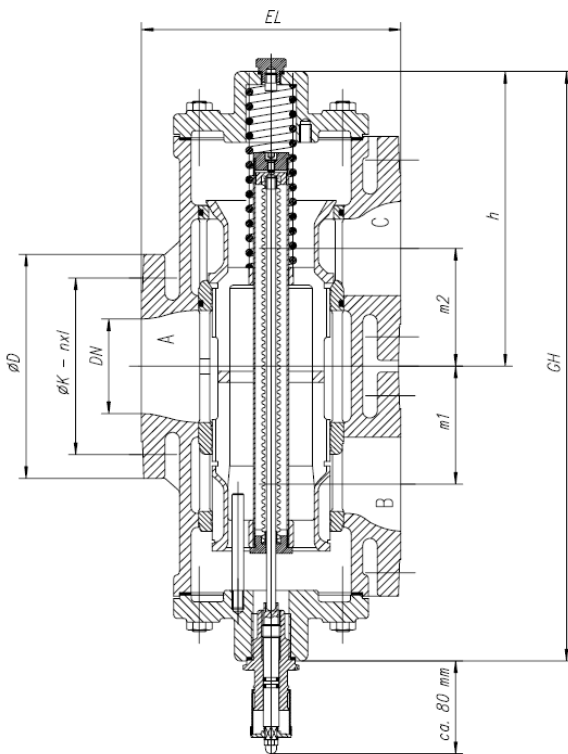


AKO Three-Way-Temperature Regulator
 Type Series 226.1811 with manual override
 Deliverable size: 65, 80, 100 mm



Technical Data:

Double-seat valve	Three-way-valve
Material:	
- Body	EN-GJL-250
- Inner Parts	SS / Bronze / Brass
Thermostat	236.xxxx-000-0
Operating Pressure	up to 6 bar
Nominal Pressure	PN 6
Connection	Flange EN 1092-2 form B

Manual override for the mechanical opening of the cooling path in case of any failure of the thermostat.

The emergency adjustment is not to be used to adjust the set point when the thermostat is working properly!

Installation:

The installation can be done selectively as follows:

as divider

- path A: from motor
- path B: to bypass
- path C: to cooler

as mixing valve

- path C: from cooler
- path B: from bypass
- path A: to motor

The paths have been marked on the connections.
 The temperature regulator may be installed in all position.

Application

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 inner parts 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.

Function

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 slider is being lifted off on 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	EL [mm]	GH [mm]	h [mm]	D [mm]	m1/m2 [mm]	K [mm]	nxl [mm]	KVs [m³/h]	Δp [mm]	Stroke	weight [kg]
226.1811-065	65	215	420	180	160	82,5	130	4x14	65	6	8	26,0
226.1811-080	80	220	530	240	190	100	190	4x18	105	6	10	40,0
226.1811-100	100	260	530	240	210	110	210	4x18	132	6	10	49,0