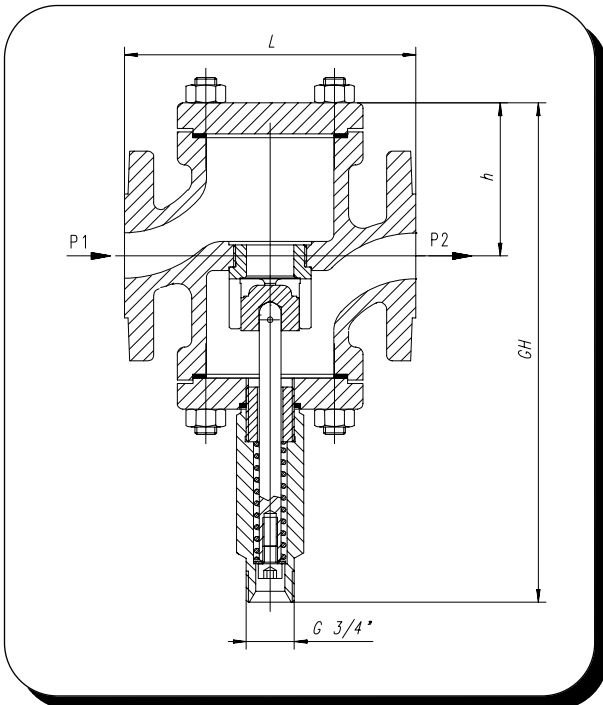


AKO Temperature Regulator

Type Series 220.0530

deliverable sizes: 15, 20, 25, 32, 40 mm



Technical Data:

single valve non-balanced	two-way-valve
	working as closing-valve
materials:	
- housing	cast iron GG 25
- inner parts	stainless steel
working temperature	up to 180 °C (s. DIN 2401!)
a cooling-transition piece in case of temperatures over 150 °C is necessary for the protection of the heat sensor	
working pressure	up to 16 bar
nominal pressure	PN 16
connection	flange DIN 2533 E
Prepared for the connection of a suitable heat sensor	

Functioning

The control of the regulating valve is effected through the change in volume of the expansion liquid of the heat sensor under temperature influence. The valve closes with increasing temperature proportionally to the heat balance taken up by the heat sensor.

Application

Temperature regulation within pyrometric plants and cooling plants. Usable for liquids, steam and nonburnable gases. For special applications or special mediums we kindly ask you to let us have your inquiries.

order-no.	DN	h	L	GH	KVs	Δp adm.	Y_h stroke	heat sensor	K_R	weight
220.0530-015	15	35	130	216	3,2	16	8	230.0300A000-2	0,41	5,2
220.0530-020	20	35	150	216	5,0	10	8	230.0300A001-2	0,41	5,4
220.0530-025	25	98	160	290	8,0	6	10	230.0400A001-2	0,40	10,0
220.0530-032	32	137	180	340	12,5	5	13	230.0400A001-2	0,40	12,0
220.0530-040	40	150	200	370	20,0	4	14	230.0500A001-2	0,52	17,0
220.0530-040-325	40	150	200	370	5,0	10	8	230.0400A001-2	0,40	17,0
220.0530-040-350	40	150	200	370	8,0	6	10	230.0400A001-2	0,40	17,0
220.0530-040-375	40	150	200	370	12,5	5	13	230.0400A001-2	0,40	17,0

In this list you will find the standard combination of valve and heat sensor. A combination of each other offered heat sensor with each valve is possible, however (see data sheet I 230.xxx).

The indicated K_R -value indicates the stroke of the heat sensor at a temperature difference of 1 °K.