

### Radiator valve 189UMSN12



<b>Series</b>	F special
<b>body</b>	straight
<b>DN</b>	15 – 1/2"
<b>connection</b>	iron pipe
<b>Handwheel</b>	handwheel with pre-setting
<b>Tail-piece</b>	cylindrical sealed with OR

### Actuator to be coupled with radiator valve Series 189UMSN12

The straight body valve, Series F special, DN 1/2", code 189UMSN12, coupled with actuators **Series 148** and **148A** is certified in compliance with the norm **UNI EN 215**. The valve and the actuators are marked with Keymark:



Actuator Series  
**148**

Actuator Series  
**148A**

### Technical features valve 189UMSN12

nominal pressure PN	10 bar
maximum admissible static pressure	10 bar
maximum differential pressure	1,5 bar
maximum temperature	110°C
q <sub>m</sub> N	225 l/h ± 10%
hysteresis	0,6° C
differential pressure influence	0,5 °C
fluid temperature influence	1,4 °C
response time	22 minutes
minimum setting of temperature selector	8°C (anti-freezing mark *)

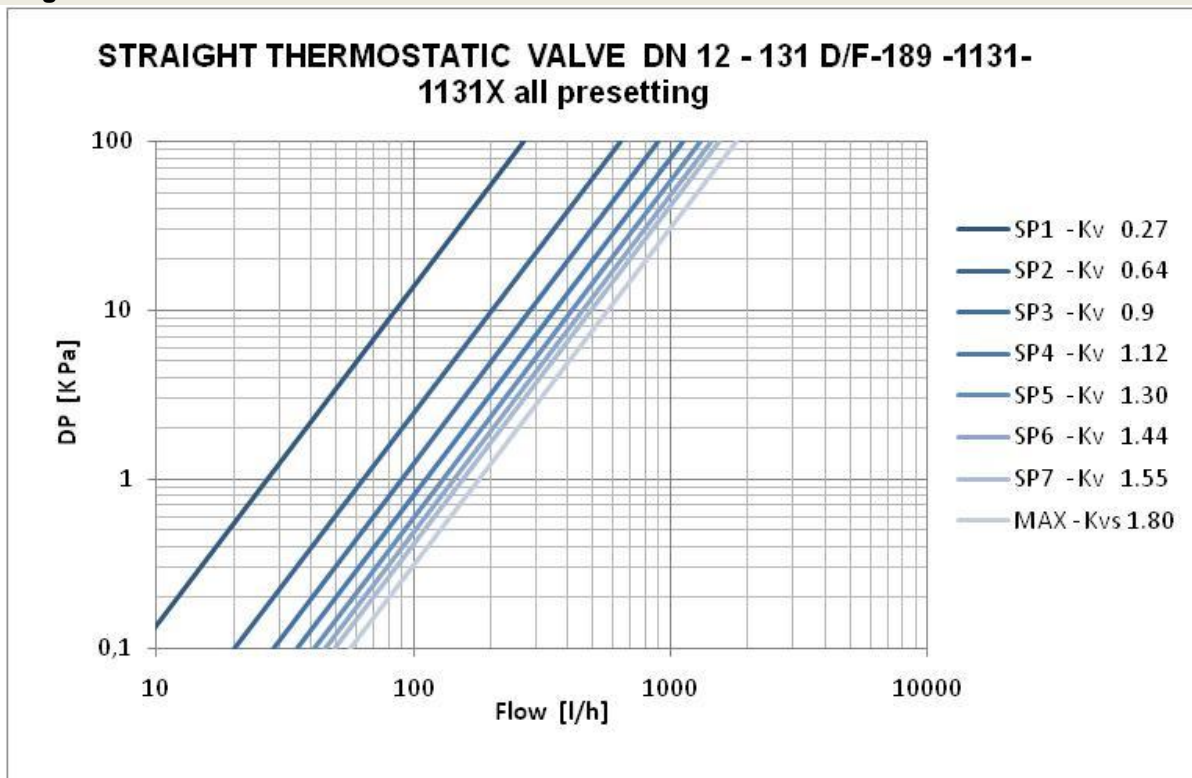
The valve sealing can be substituted without emptying the circuit, in compliance with the norm UNI EN 215.

Actuator	Actuator set-point regulation						
	0	*	1	2	3	4	5
TYPE 148	close	8 °C	12 °C	16 °C	20 °C	24 °C	28 °C
TYPE 148A	close	8 °C	12 °C	16 °C	20 °C	24 °C	28 °C

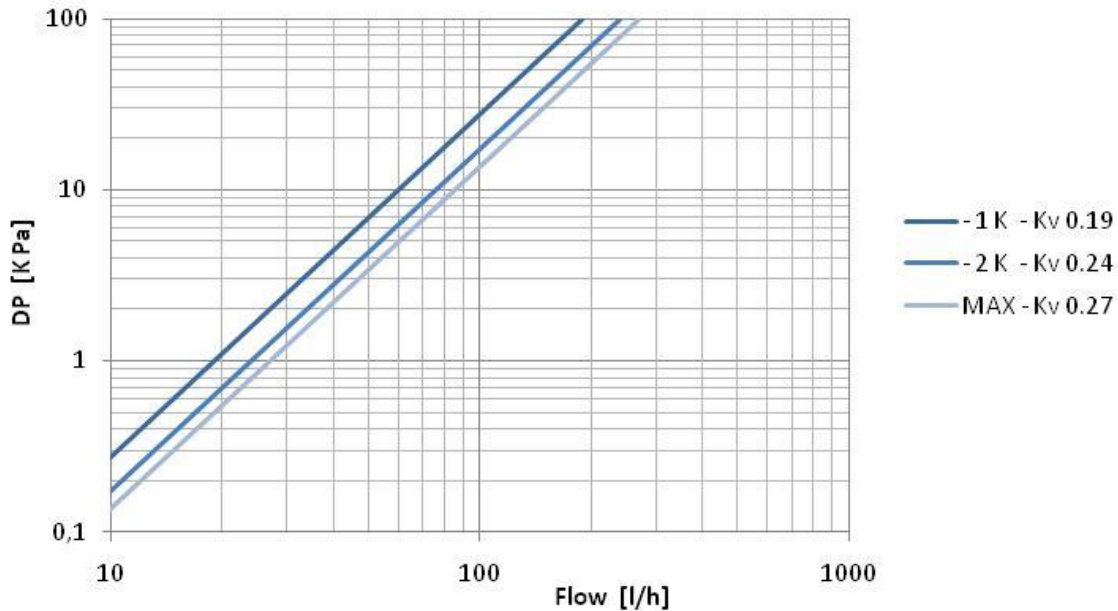
#### Pre-setting

	SP 1	SP2	SP3	SP4	SP5	SP6	SP7	MAX
qms l/h	75	175	225	225	225	225	225	225
Kv	0,27	0,64	0,9	1,12	1,3	1,44	1,55	1,8
tolerance ±	60%	30%	20%	10%	10%	10%	10%	10%
authority	0,2	0,27	0,37	0,58	0,7	0,75	0,79	0,84

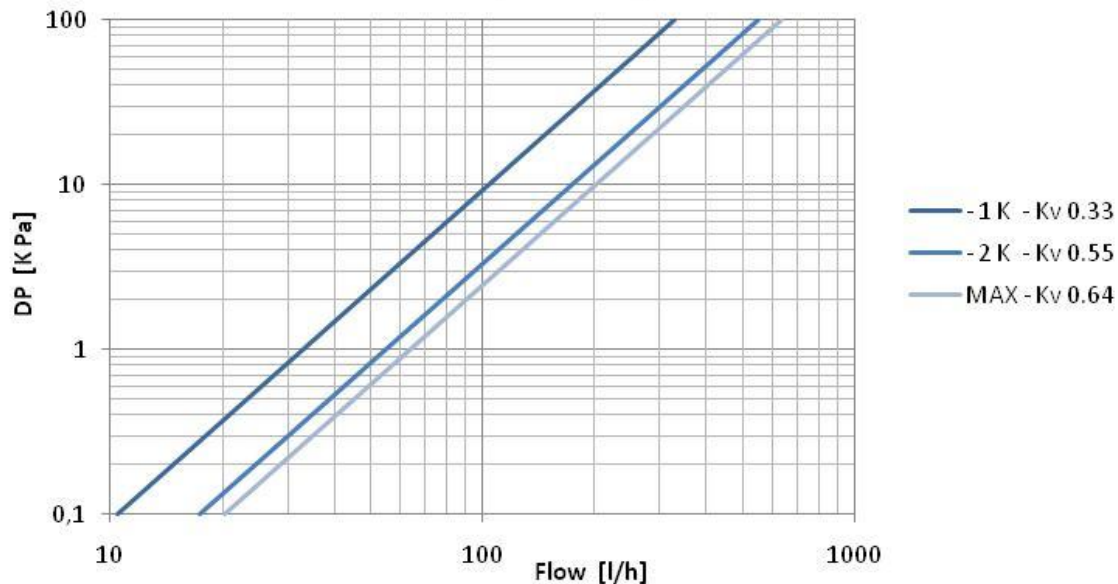
#### Diagrams



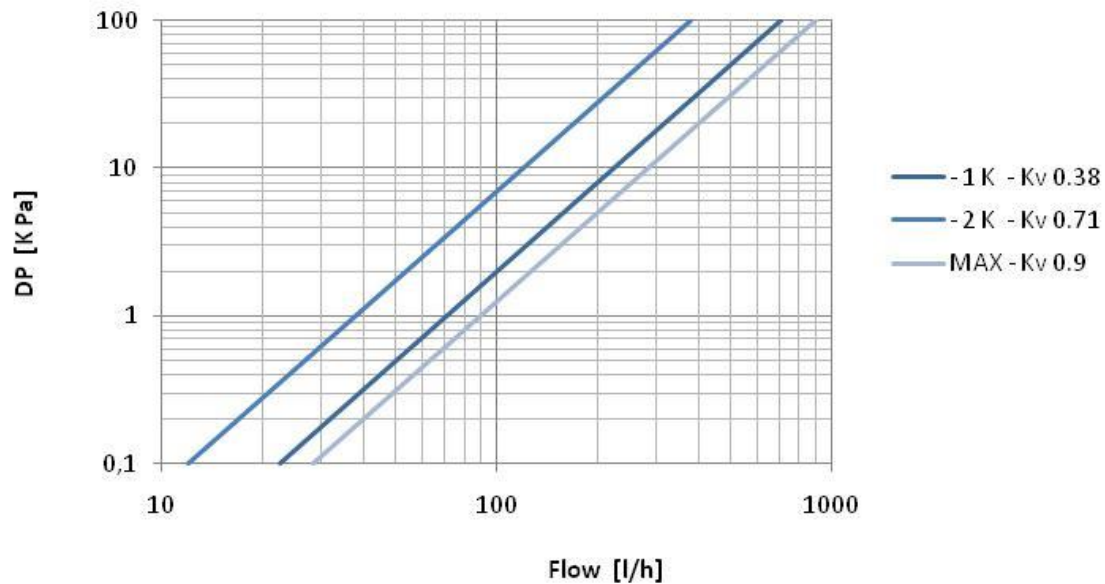
### STRAIGHT THERMOSTATIC VALVE DN 12 - 131 D/F-189 - 1131-1131X presetting SP 1



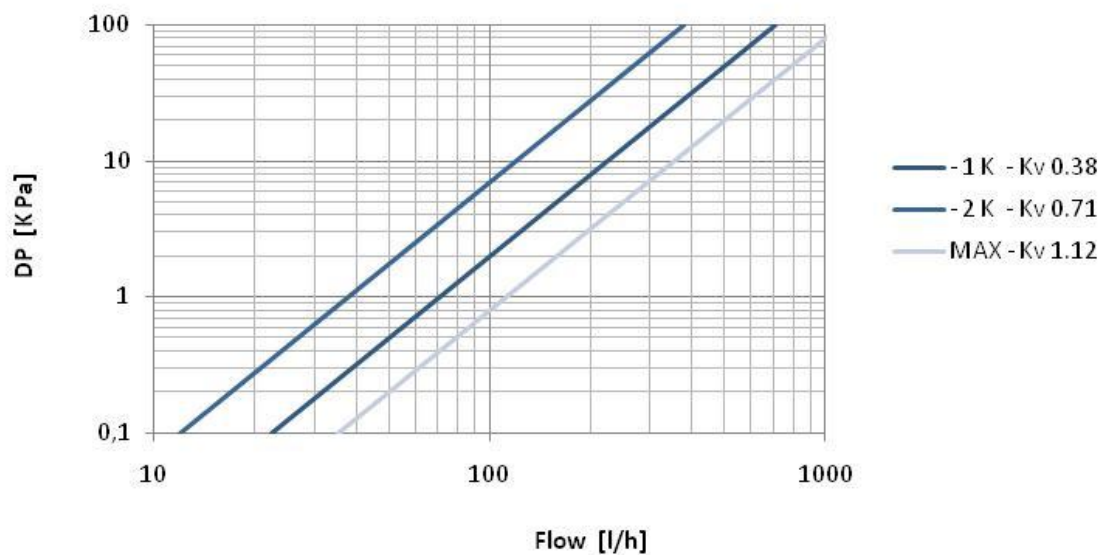
### STRAIGHT THERMOSTATIC VALVE DN 12 - 131 D/F-189 -1131- 1131X presetting SP 2



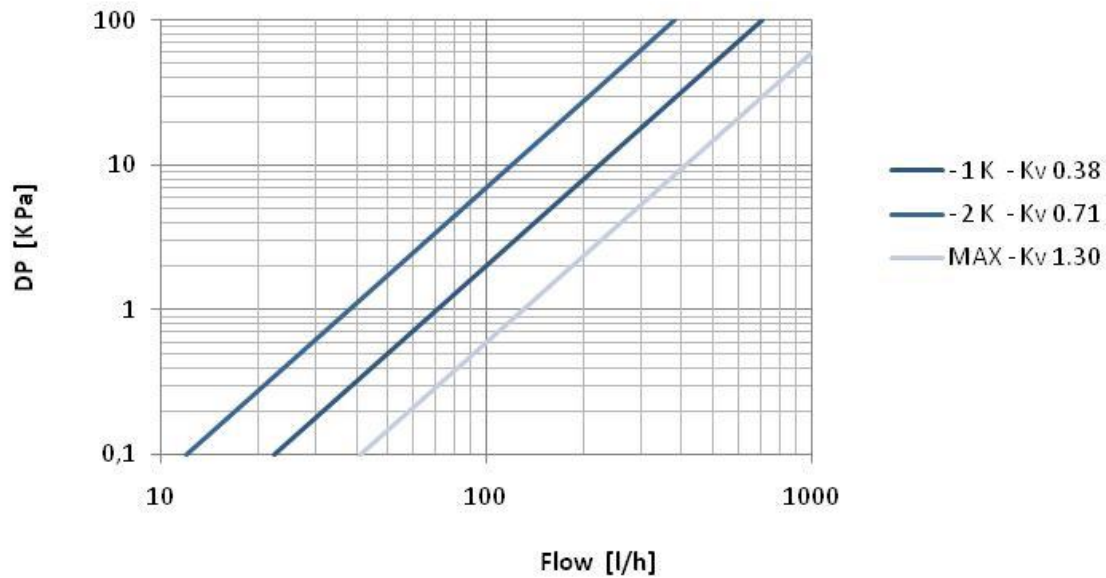
**STRAIGHT THERMOSTATIC VALVE DN 12 - 131 D/F-189 -  
1131-1131X presetting SP 3**



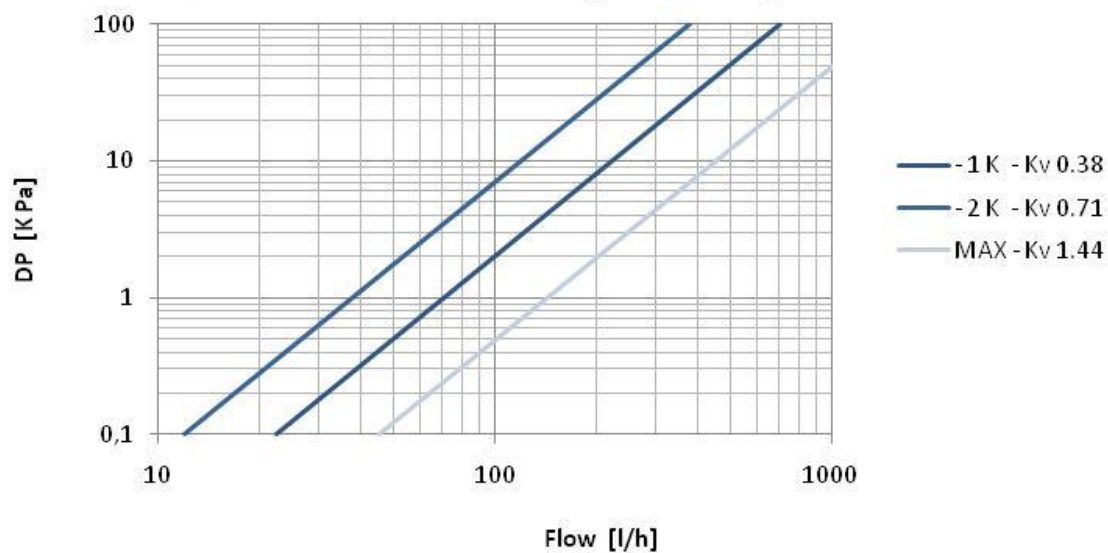
**STRAIGHT THERMOSTATIC VALVE DN 12 - 131 D/F-189 -1131-  
1131X presetting SP 4**



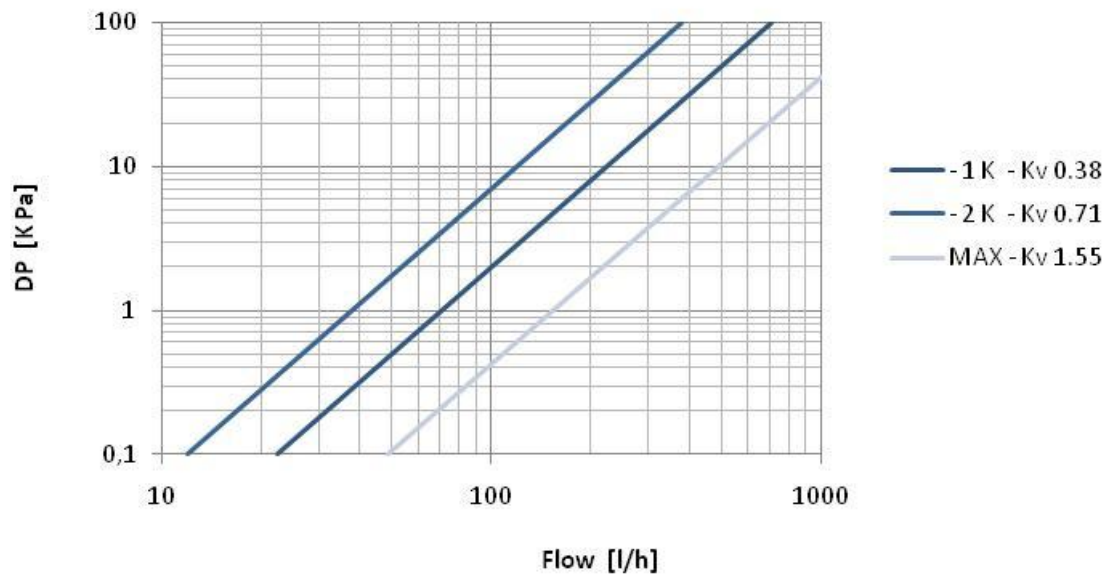
### STRAIGHT THERMOSTATIC VALVE DN 12 - 131 D/F-189 -1131-1131X presetting SP 5



### STRAIGHT THERMOSTATIC VALVE DN 12 - 131 D/F-189 -1131-1131X presetting SP 6



**STRAIGHT THERMOSTATIC VALVE DN 12 - 131 D/F-189  
-1131-1131X presetting SP 7**



**STRAIGHT THERMOSTATIC VALVE DN 12 - 131 D/F-189  
-1131-1131X presetting SP full open**

