V2, V4 AND V8 THERMOSTATS

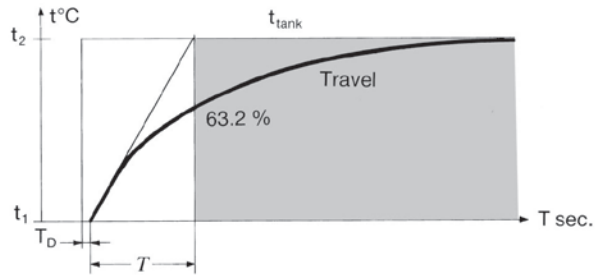## SELF-ACTING TEMPERATURE CONTROLS

Sensor Pockets for Clorius V-Thermostat

Time Coefficient for Sensors

The time coefficients for rod and spiral sensors are measured in water flowing at a velocity of 1 m/sec., for air duct spiral sensors in air at a velocity of 4 m/sec.
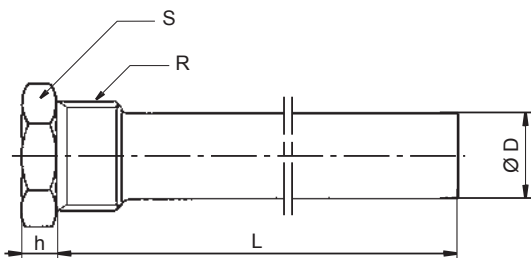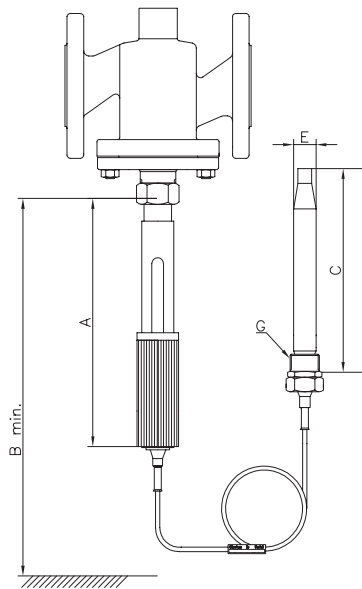

Type	Copper					Copper with sensor pocket		
	Rod sensor		Spiral sensor		Spiral sensor for air duct	Rod sensor		Liquid in sensor pocket
	T_D	T	T_D	T	T	T_D	T	
V4.05	6	130	2	20	360	20	200	Hot oil

Thermostat Types

Technical Data		Thermostat Types V4.05
Max. closing force	(N)	400
Setting range for standard thermostats [1]	(°C)	0 - 120 / 40 - 160
Neutral zone	(°C)	2
For valves with rate travel up to	(mm)	21
Travel (Amplification) in Range (mm/°C)	-30 to 160 [2] (°C)	0.5
	140 to 280 [3] (°C)	0.7

[1] Setting ranges from -30 to 280°C - Excess temperature safety range : 40°C   [2] Glycerine   [3] Paraffin

Dimension sketch

Dimensions and Weights

The measurements G and H are pipe threads according to ISO R7/1. All other measurements are mm. Weight: Net.

		Thermostat / Sensor material
		Type V4.05
Adjusting cylinder	A	385
Weights: see below	B	525
Sensor with threaded connection	C	390
	D	235
	E	22
	F	49
	G	R1
	H	R2
Weight incl. G-connection	kg	2.6
Weight incl. H-connection	kg	3.1

Sensor Pockets Dimensions

	For thermostat type	V 4.05
Dim. in mm	Ø D	25
	L	390
	h	10
	S	50
ISO 7/1 (Tapered)		R $1\frac{1}{4}$

*last updated 03/16

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