

CUBE-CET

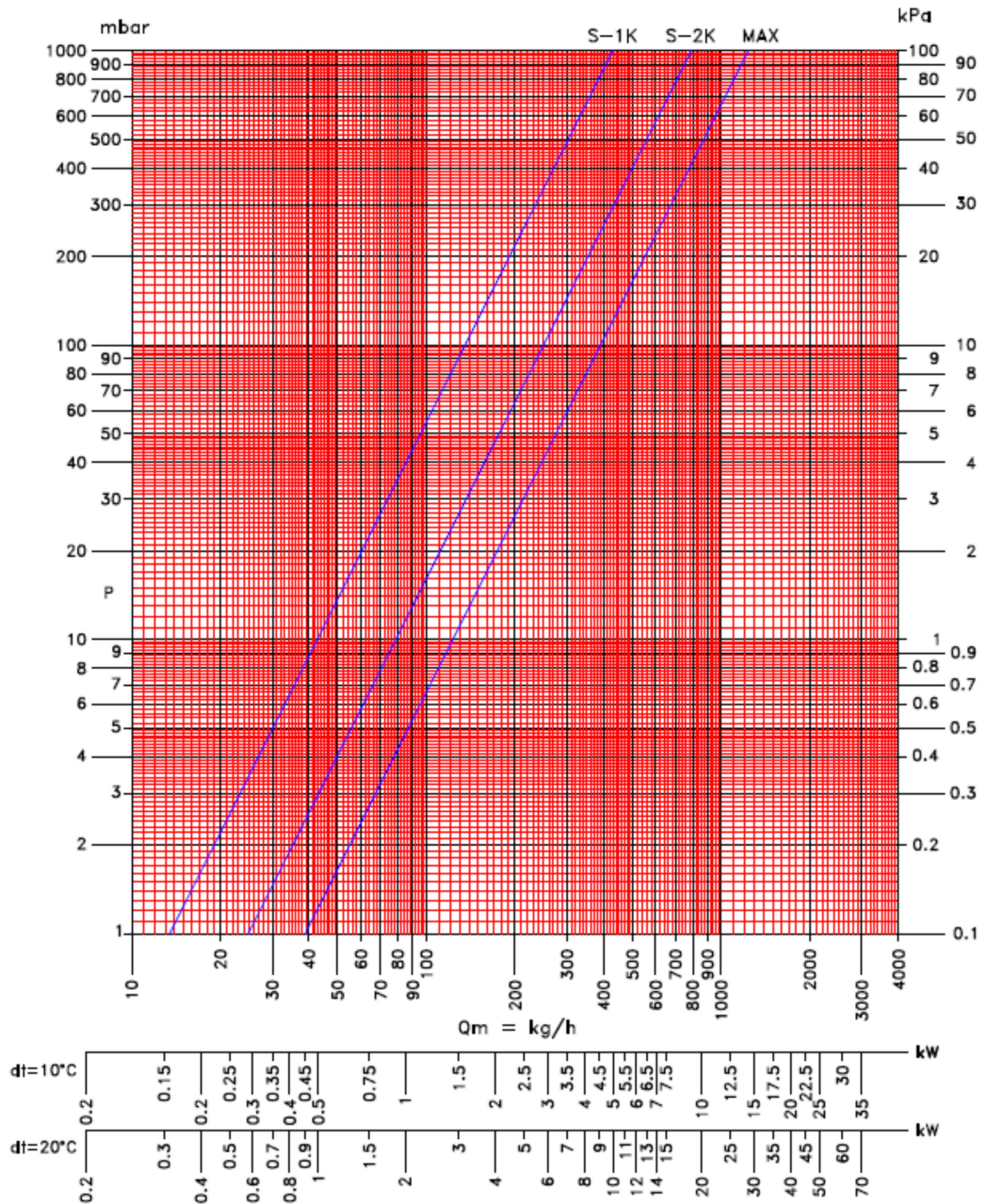
Hydraulic characteristics:

V541T V543T
Coaxial valve
DN15 1/2"

Technical data

	1K	0.43
Kv	2K	0.79
	Kvs	1.24
Q _{mN}	kg/h	249.70
a		0.59

Diagram for valve body with thermostatic head



Note: To avoid excessive noisiness in the circuit, avoid using thermostatic valves with Δp values of more than 0,2 - 0,25 bar [20-25 kPa].

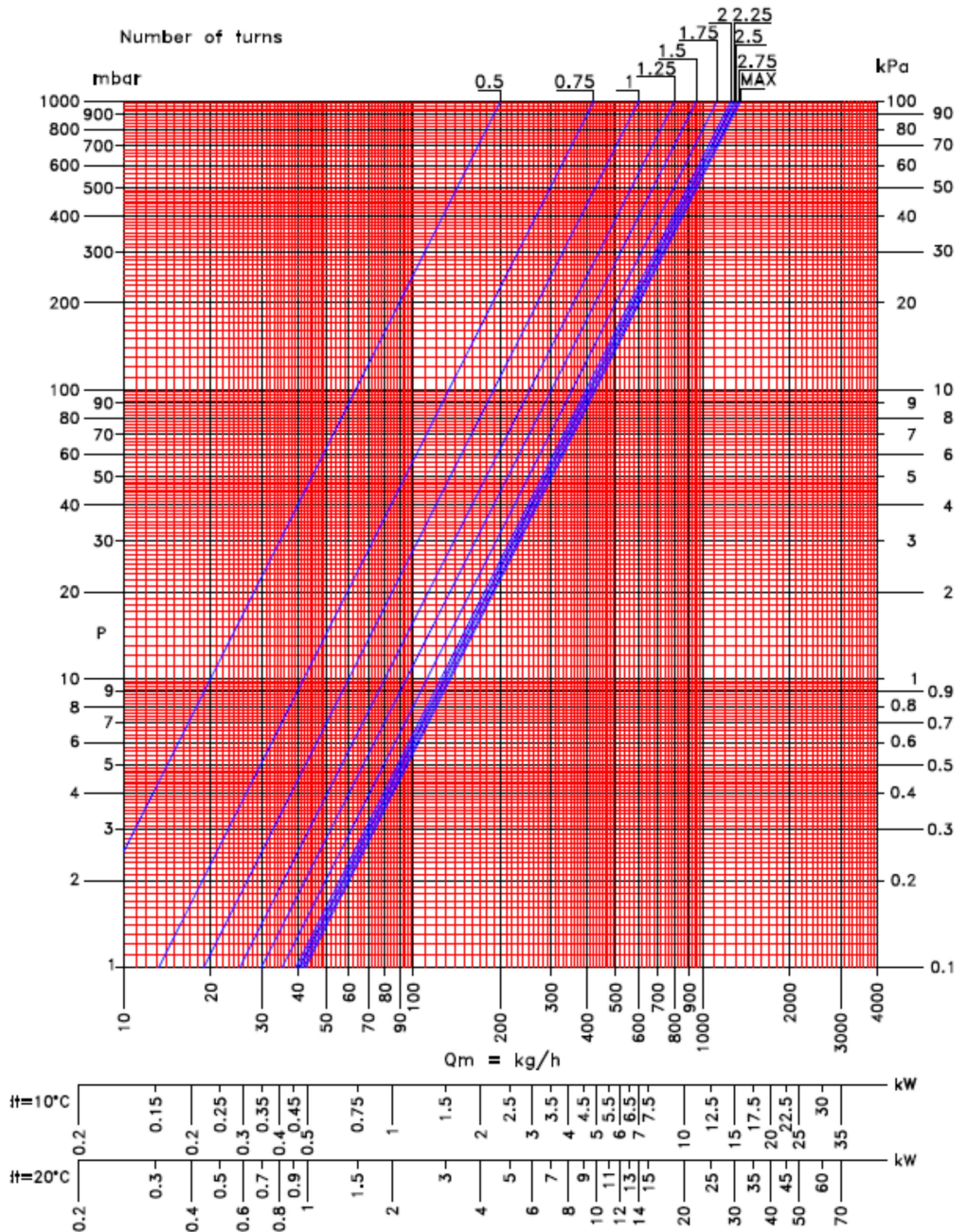
Pressure loss diagrams are made with setting "3" of the thermostatic head and the difference between ambient and preset temperature of 1K (diagram S-1K), 2K (diagram S-2K) and with fully open valve.

Hydraulic characteristics:

V541 V543
Coaxial valve
DN15 1/2"

Number of turns	Kv
N	m3/h
0.5	0.20
0.75	0.42
1.0	0.60
1.25	0.80
1.5	0.95
1.75	1.12
2.0	1.25
2.25	1.28
2.5	1.30
2.75	1.33
3.0	1.35
Kvs	1.38

Diagram for manual valve



Note: Kv-Water flow rate in m3/h at 1 bar pressure drop across the valve
Kvs-Water flow rate in m3/h with fully open valve at 1 bar pressure drop across the valve

The preset positions are determined with the number of opening turns of the manual valve from the fully closed position.

Hydraulic characteristics:

V542 V544
Coaxial valve
DN15 1/2"

Number of turns	Kv
N	m3/h
1	0.15
1.5	0.60
2	0.87
2.5	1.15
3	1.27
3.5	1.30
4	1.33
Kvs	1.35

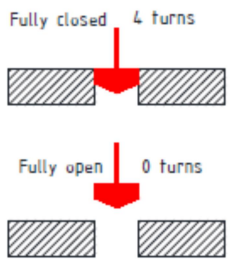
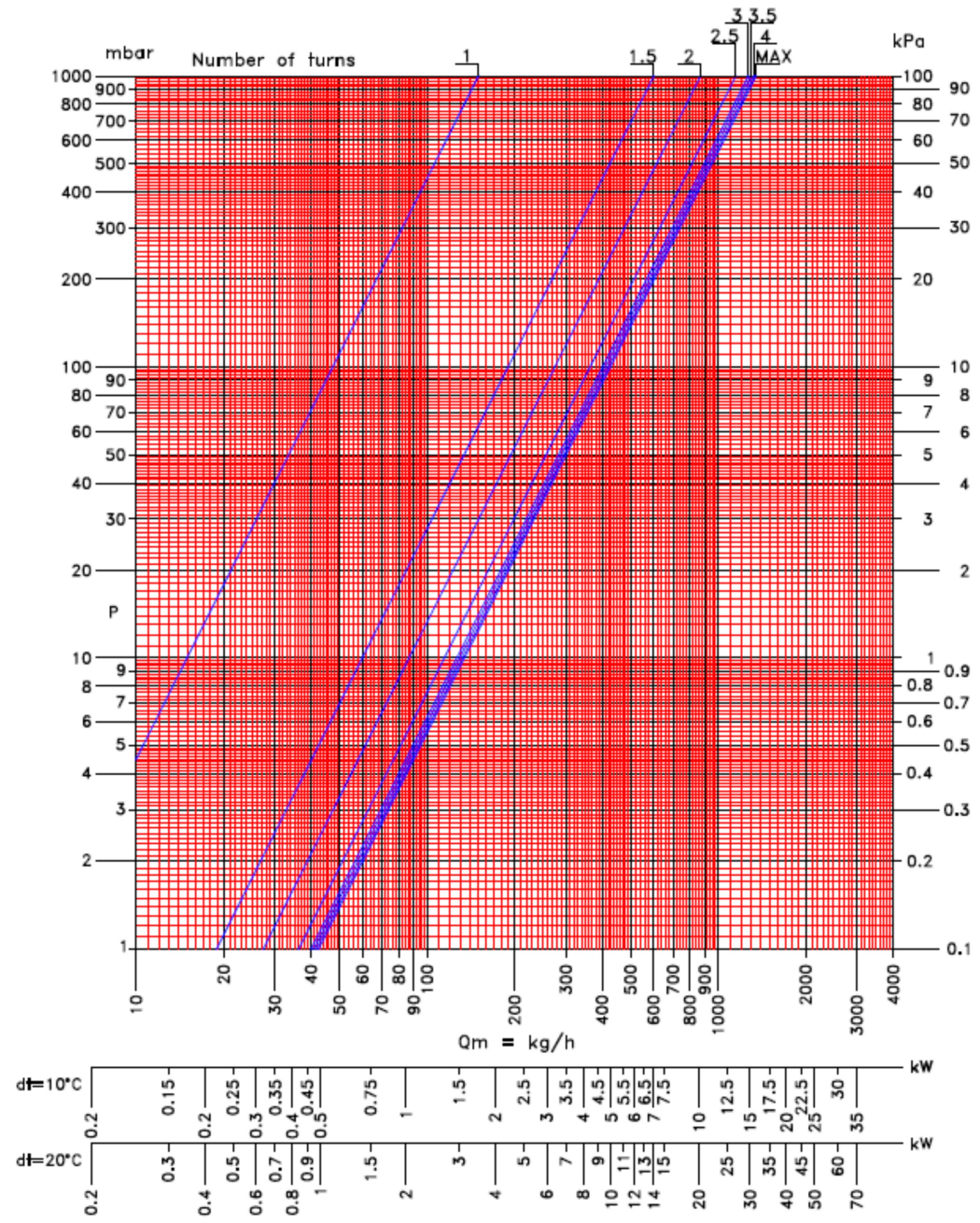


Diagram for lockshield valve



Note: Kv-Water flow rate in m3/h at 1 bar pressure drop across the valve
Kvs-Water flow rate in m3/h with fully open valve at 1 bar pressure drop across the valve

The preset positions are determined with the number of opening turns of the lockshield valve from the fully closed position.