

date 13.10.2023

DATASHEET

Reg. No. **011-6T0006**

(filled in by DIN CERTCO)

Thermostatic radiator valves according to DIN EN 215

Certificate Holder	IMI Hydronic Engineering Deutschland GmbH	ID 22
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Street, number Völlinghauser Weg 2

Postal code / City 59597 Erwitte

Country Germany

Head	Thermostat "K"		
	6000 - 00.500	50 350 – 028	50 350 – 023
	6000 - 00.600		50 350 – 024
	6000 - 09.500		50 350 – 025
	7000 - 00.500		

Type Liquid Head with integral sensor

Hysteresis C 0,15 K Differential pressure influence *D* 0,20 K

Response time Z 19 min. Water temperature effect *W* 0,30 K

Control accuracy CA 0,20 K

	Thermostat "DX"		
	6700 - 00.500	50 355 - 028	50 355 - 023
			50 355 - 024

Type Liquid Head with integral sensor

Hysteresis C 0,40 K Differential pressure influence *D* 0,30 K

Response time Z 24 min. Water temperature effect *W* 0,70 K

Control accuracy CA 0,60 K

	Thermostat "HALO"		
	7500-00.500		
	7550-00.500		

Type Liquid Head with integral sensor

Hysteresis C 0,70 K Differential pressure influence *D* 0,20 K

Response time Z 16 min. Water temperature effect *W* 0,70 K

Control accuracy CA 0,60 K

Thermostat "HALO-B"
2500-00.500

Type	Liquid	Head with integral sensor	
Hysteresis <i>C</i>	0,40 K	Differential pressure influence <i>D</i>	0,30 K
Response time <i>Z</i>	26 min.	Water temperature effect <i>W</i>	0,80 K
Control accuracy <i>CA</i>	0,60 K		

Thermostat "S"
6853 - 00.500

Type	Liquid	Head with integral sensor	
Hysteresis <i>C</i>	0,20 K	Differential pressure influence <i>D</i>	0,30 K
Response time <i>Z</i>	19 min.	Water temperature effect <i>W</i>	0,55 K
Control accuracy <i>CA</i>	0,20 K		

Thermostat "D-U"
6852 - 00.500

Type	Liquid	Head with integral sensor	
Hysteresis <i>C</i>	0,60 K	Differential pressure influence <i>D</i>	0,30 K
Response time <i>Z</i>	17 min.	Water temperature effect <i>W</i>	0,50 K
Control accuracy <i>CA</i>	0,60 K		

Thermostat "K" with remote sensor
6001 - 00.500
6002 - 00.500
6005 - 00.500

Type	Liquid	Head with integral temperature selector with remote sensor	
Hysteresis <i>C</i>	0,20 K	Differential pressure influence <i>D</i>	0,30 K
Response time <i>Z</i> horizontal	12 min.	Water temperature effect <i>W</i>	0,30 K
Response time <i>Z</i> vertical	15 min.	Control accuracy <i>CA</i>	0,20 K

Valve(s)	Series	Form ¹	Size	Nominal flow rate ²
1 Form:	L – Angle	T – Straight		
2 Nominal flow rate q_{rNH} in kg/h:	declared by the manufacturer			
"Standard"				
2201 - 01.000	D	L	DN 10	250
2202 - 01.000	D	T	DN 10	250
2201 - 02.000	D	L	DN 15	250
2202 - 02.000	D	T	DN 15	250
2201 - 03.000	D	L	DN 20	250
2202 - 03.000	D	T	DN 20	250
9690 - 60.800	GB	L	DN 15	250
3441-01.000	F	L	DN 10	250
3442-01.000	F	T	DN 10	250
3441-02.000	F	L	DN 15	250
3442-02.000	F	T	DN15	250
3441-03.000	F	L	DN 20	250
3442-03.000	F	T	DN 20	250
"V-exact II" with stepless precision presetting				
3451 - 01.000	F	L	DN 10	15,5 +/- 20 % (Pos. 1)
3451 - 02.000	F	L	DN 15	28,5 +/- 18 % (Pos. 2)
3451 - 03.000	F	L	DN 20	47,4 +/- 16 % (Pos. 3)
3452 - 01.000	F	T	DN 10	83,8 +/- 14 % (Pos. 4)
3452 - 02.000	F	T	DN 15	104,0 +/- 12 % (Pos. 5)
3452 - 03.000	F	T	DN 20	148,6 +/- 10 % (Pos. 6)
				186,6 +/- 10 % (Pos. 7)
3711 - 01.000	D	L	DN 10	211,8 +/- 10 % (Pos. 8)
3711 - 02.000	D	L	DN 15	
3711 - 03.000	D	L	DN 20	
3712 - 01.000	D	T	DN 10	
3712 - 02.000	D	T	DN 15	
3712 - 03.000	D	T	DN 20	

Eclipse				
3931 - 01.000	D	L	DN 10	10,0 +/- 30 % (Pos. 1)
3931 - 02.000	D	L	DN 15	17,0 +/- 27 % (Pos. 2)
3931 - 03.000	D	L	DN 20	24,0 +/- 25 % (Pos. 3)
3932 - 01.000	D	T	DN 10	33,0 +/- 22 % (Pos. 4)
3932 - 02.000	D	T	DN 15	42,0 +/- 20 % (Pos. 5)
3932 - 03.000	D	T	DN 20	51,0 +/- 17 % (Pos. 6)
				60,0 +/- 15 % (Pos. 7)
3461 - 01.000	F	L	DN 10	66,0 +/- 12 % (Pos. 8)
3461 - 02.000	F	L	DN 15	74,0 +/- 10 % (Pos. 9)
3461 - 03.000	F	L	DN 20	82,0 +/- 10 % (Pos. 10)
3462 - 01.000	F	T	DN 10	87,0 +/- 10 % (Pos. 11)
3462 - 02.000	F	T	DN 15	90,0 +/- 10 % (Pos. 12)
3462 - 03.000	F	T	DN 20	94,0 +/- 10 % (Pos. 13)
9690 - 61.800	GB	L	DN 15	98,0 +/- 10 % (Pos. 14)
50 840 - 010	S	T	DN 10	106,0 +/- 10 % (Pos. 15)
50 840 - 015	S	T	DN 15	
50 840 - 020	S	T	DN 20	
50 842 - 010	S	L	DN 10	
50 842 - 015	S	L	DN 15	
50 842 - 020	S	L	DN 20	
50 840 - 410	S	T	DN 15	
50 840 - 415	S	T	DN 15	
50 842 - 410	S	L	DN 15	
50 842 - 415	S	L	DN 15	
Eclipse 300				
3951-02.000	D	L	DN 15	23,0 +/- 30 % (Pos. 1)
3952-02.000	D	T	DN 15	32,0 +/- 27 % (Pos. 2)
3956-02.000	D	T	DN 15	42,0 +/- 25 % (Pos. 3)
				50,0 +/- 20 % (Pos. 4)
				60,0 +/- 15 % (Pos. 5)
				75,0 +/- 12 % (Pos. 6)
				88,0 +/- 12 % (Pos. 7)
				101,0 +/- 12 % (Pos. 8)
				114,0 +/- 12 % (Pos. 9)
				132,0 +/- 10 % (Pos. 10)

146,0 +/- 10 % (Pos. 11)
 153,0 +/- 10 % (Pos. 12)
 171,0 +/- 10 % (Pos. 13)
 186,0 +/- 10 % (Pos. 14)
 201,0 +/- 10 % (Pos. 15)

„TRV -3“				
50 820 - 010	S	T	DN 10	3,2 +/- 70 % (Pos. 1)
50 820 - 015	S	T	DN 15	12,0 +/- 55 % (Pos. 2)
50 820 - 020	S	T	DN 20	23,1 +/- 40 % (Pos. 3) 29,1 +/- 30 % (Pos. 4)
50 822 - 010	S	L	DN 10	44,9 +/- 20 % (Pos. 5)
50 822 - 015	S	L	DN 15	81,9 +/- 15 % (Pos. 6)
50 822 - 020	S	T	DN 20	123,0 +/- 12 % (Pos. 7) 164,4 +/- 10 % (Pos. 8)
50 820 - 410	S	T	DN 10	
50 820 - 415	S	T	DN 15	
50 822 - 410	S	L	DN 10	
50 822 - 415	S	L	DN 15	
Valves with particularly low resistance				
2241 - 01.000	D	L	DN 10	291
2242 - 01.000	D	T	DN 10	291
2241 - 02.000	D	L	DN 15	291
2242 - 02.000	D	T	DN 15	291
2244 - 02.000	*	T	DN 15	291
Thermostatic inserts				
4360 - 00.300	-	-	-	41,1 +/- 40 % (Pos. 1) 69,5 +/- 30 % (Pos. 2)
4368 - 02.300	-	-	-	98,0 +/- 25 % (Pos. 3)
4368 - 03.300	-	-	-	136,0 +/- 23 % (Pos. 4)
4368 - 04.300	-	-	-	148,6 +/- 17 % (Pos. 5)
4368 - 05.300	-	-	-	180,2 +/- 15 % (Pos. 6) 208,7 +/- 12 % (Pos. 7) 237,1 +/- 10 % (Pos. 8)
4336 - 00.300	-	-	-	19,0 +/- 42 % (Pos. 1)
4336 - 03.300	-	-	-	19,0 +/- 42 % (Pos. 2)

	-	-	-	25,3 +/- 37 % (Pos. 3)
4369 - 04.300	-	-	-	28,5 +/- 36 % (Pos. 4)
				34,8 +/- 35 % (Pos. 5)
				47,4 +/- 32 % (Pos. 6)
				57,0 +/- 30 % (Pos. 7)
				82,2 +/- 10 % (Pos. 8)
4375 - 05.300	-	-	-	37,0 +/- 40 % (Pos. 1)
	-	-	-	80,0 +/- 30 % (Pos. 2)
	-	-	-	102 +/- 25 % (Pos. 3)
	-	-	-	124 +/- 23 % (Pos. 4)
	-	-	-	175 +/- 17 % (Pos. 5)
	-	-	-	215 +/- 15 % (Pos. 6)
	-	-	-	245 +/- 12 % (Pos. 7)
	-	-	-	266 +/- 10 % (Pos. 8)

Valves with press connection

3717 - 15.000	-	L	DN 15	15,5 +/- 20 % (Pos. 1)
3718 - 15.000	-	T	DN 15	28,5 +/- 18 % (Pos. 2)
	-	-	-	47,4 +/- 16 % (Pos. 3)
	-	-	-	83,8 +/- 14 % (Pos. 4)
	-	-	-	104,0 +/- 12 % (Pos. 5)
	-	-	-	148,6 +/- 10 % (Pos. 6)
	-	-	-	186,6 +/- 10 % (Pos. 7)
	-	-	-	211,8 +/- 10 % (Pos. 8)