



Technical tables

Motorized control valves

Temperature controllers

Motorized control valves

Valves	VS2	VM2/VB2	VFG2	VFM2	VRG/B	VFS/VF2/VF3
System side	Primary				Secondary	
DN [mm]	15-25	15-50	15-250	65-250	15-50	15-100/15-150/15-150
PN [bar]	16	25	16/25/40	16	16	16/25
Max temp. [°C]	130	150	140-350	150	130	130-200
Connection	Thread	Thread / Flange	Flange	Flange	Thread	Flange
Actuators						
AMV 150	X ⁴⁾					
AMV(E) 10 / 20 / 30	X	X				
AMV(E) 13¹⁾ / 23¹⁾ / 33¹⁾	X	X				
AMV(E) 435					X	X ⁶⁾
AMV(E) 55 / 56						X ²⁾
AMV(E) 655 / 658 / 659¹⁾			X ⁵⁾	X ⁷⁾		X
AMV(E) 85 / 86				X		X

¹⁾ Safety function according to DIN 14597

²⁾ Applicable for valves DN 65-100/150

³⁾ Only together with AMV(E)10

⁴⁾ VS2, DN15 only

⁵⁾ With adapter

⁶⁾ Applicable for valves up to DN 80

⁷⁾ Applicable for up to DN 125

Temperature controllers

Actuators	RAVK, RAVI	AVTQ ⁽¹⁾	IHPT	AVTB ¹⁾ , AVT	AFT ²⁾	FJV ¹⁾	STM, STFW	AVT
Valves	RAV, VMT, VMA, VMV			VG	VFG 2 (1)		VG 2, VFG (1)	AVTQ, AVQMT, AVPQT
DN [mm]	15-25	15-20	15	15-25/15-50	15-125	15-25	15-50/15-125	15-50
PN [bar]	10-16	16	16	16/25	16/25/40	16	16/25/40	25
Max. hot water temp. [°C]	120/130	100	120	130/150	150/200	130	150/200	150
Connection	Thread	Thread	Thread	Thread / Flange	Flange	Thread	Thread / Flange	Thread / Flange
Fixed idle temp. [°C]		35-40						
Temp. control	x	x	x	x	x			x
Return temp. limitation						x		x
Safety temp. limitation							x	x
Flow compensation		x	x					
Diff. pressure and flow limiter								x
Flow controller								

¹⁾ Type designation covers a complete controller.

²⁾ The temperature controllers type AVT and AFT can also be supplied with safety temperature monitors and limiters as combined solutions operating the same valve. Safety temperature monitors and limiters are approved according to DIN standards.