

# SAUTER valve and actuator range

## Precise and powerful

Regulating valve product range										With spring return			Safety function									
Individual room control Ventilation/air-conditioning preheater Ventilation/air-conditioning cooler Ventilation/air-conditioning steam humidifier Ventilation/air-conditioning reheater Heated/chilled ceiling Underfloor heating Heating groups Cooling tower (regulating valve) Multi-boiler plant (regulating valve) Multi-boiler plant (shut-off damper) Local heating District heating										Voltage: 230V~ Voltage: 24V~ Voltage: 24V~/=		Positioning signal: 2-/3-point Positioning signal: 2-/3-point Positioning signal: 0...10 V Communication: BACnet		AVM105F1x0 AVM105F122 AVM105SF132	AVM115F120 AVM115F122 AVM115SF132 AVM115SAF232	AVM215F132-7 AVM215SF132-7 AVM215SF132	AVM321F110 AVM321F112 AVM321SF132	AVM322F120 AVM322F122 AVM322SF132	AVM234SF132 AVM234SF132	AVF124Fx30 AVF125SFx32 AVF125SFx32	AVF234SFx32 AVF234SFx32	AVN224SFx32 AVN224SFx32
										2-way valve	3-way valve	250N	500N	500N	1000N	1000N	2500N	500N	2000N	1100N		
PN	Type	Type	DN	Stroke	kvs																	
<b>Male-thread valves made of cast brass</b>																						
PN16																						
VUN015F... BUN015F... 15 8 mm 0.4** - 4 VUN020F300 BUN020F300 20 8 mm 6.3 VUN025F300 BUN025F300 25 8 mm 10 VUN032F300 BUN032F300 32 8 mm 16 VUN040F300 BUN040F300 40 8 mm 22 VUN050F... BUN050F... 50 8 mm 28 / 40																						
<b>Flanged valves made of cast iron</b>																						
PN6																						
VUD015F... BUD015F... 15 8 mm 1.6 / 2.5 / 4 VUD020F300 BUD020F300 20 8 mm 6.3 VUD025F300 BUD025F300 25 8 mm 10 VUD032F300 BUD032F300 32 8 mm 16 VUD040F300 BUD040F300 40 8 mm 22 VUD050F... BUD050F... 50 8 mm 28 / 40 VQD065F... BQD065F... 65 20 mm 50 / 63 VQD080F... BQD080F... 80 20 mm 80 / 100 VQD100F... BQD100F... 100 40 mm 125 / 160																						
<b>Flanged valves made of cast iron</b>																						
PN16																						
VUE015F... BUE015F... 15 8 mm 0.4** - 4 VUE020F300 BUE020F300 20 8 mm 6.3 VUE025F300 BUE025F300 25 8 mm 10 VUE032F300 BUE032F300 32 8 mm 16 VUE040F300 BUE040F300 40 8 mm 22 VUE050F... BUE050F... 50 8 mm 28 / 40 VQE065F... BQE065F... 65 20 mm 50 / 63 VQE080F... BQE080F... 80 20 mm 80 / 100 VQE100F... BQE100F... 100 40 mm 125 / 160 VQE125F300 BQE125F300 125 40 mm 220 VQE150F300 BQE150F300 150 40 mm 320																						
<b>Flanged valves made of ductile cast iron</b>																						
PN25																						
VUG015F... BUG015F... 15 20 mm 0.16** - 4 VUG020F304 BUG020F304 20 20 mm 6.3 VUG025F304 BUG025F304 25 20 mm 10 VUG032F304 BUG032F304 32 20 mm 16 VUG040F304 BUG040F304 40 20 mm 25 VUG050F304 BUG050F304 50 20 mm 40 VUG065F... BUG065F... 65 40 mm 63 VUG080F304 BUG080F304 80 40 mm 100 VUG100F304 BUG100F304 100 40 mm 160 VUG125F304 BUG125F304 125 40 mm 250 VUG150F304 BUG150F304 150 40 mm 340																						
<b>2-way cast iron regulating valves for dynamic, hydraulic balancing</b>																						
PN25																						
VDI050F501 50 20 mm 3.7 - 14.3 VDI050F501H 50 20 mm 5.7 - 24.6 VDI065F501 65 20 mm 4.5 - 24.4 VDI065F501H 65 20 mm 6.4 - 37.7 VDI080F501 80 20 mm 6.8 - 35.7 VDI080F501H 80 20 mm 8.5 - 49.0 VDI100F501* 100 40 mm 12.2 - 69.6 VDI100F501H** 100 40 mm 14.8 - 90.9																						
<b>Flanged valves made of cast steel</b>																						
PN40																						
VUS015F... BUS015F... 15 20 mm 0.16** - 4 VUS020F305 BUS020F205 20 20 mm 6.3 VUS025F305 BUS025F205 25 20 mm 10 VUS032F305 BUS032F205 32 20 mm 16 VUS040F305 BUS040F205 40 20 mm 25 VUS050F305 BUS050F205 50 20 mm 40 VUS065F305 BUS065F205 65 30 mm 63 VUS080F305 BUS080F205 80 30 mm 100 VUS100F305 BUS100F205 100 30 mm 160 VUS125F305 BUS125F205 125 40 mm 220 VUS150F305 BUS150F205 150 40 mm 320																						

\*Made of ductile cast iron

\*\*2-way valve only

\*\*\*AVM234SF132-7 / 1700 N

Ball valve product range										With spring return		High-speed					
Individual room control Ventilation/air-conditioning preheater Ventilation/air-conditioning cooler Ventilation/air-conditioning steam humidifier Ventilation/air-conditioning reheater Heated/chilled ceiling Underfloor heating Heating groups Cooling tower (regulating valve) Multi-boiler plant (regulating valve) Multi-boiler plant (shut-off damper) Local heating District heating										Voltage: 230V~ Voltage: 24V~ Voltage: 24V~/=		Positioning signal: 2-/3-point Positioning signal: 2-/3-point Positioning signal: 0...10 V Communication: BACnet		AKM105F120 AKM105F122 AKM105SF132	AKM115F120 AKM115F122 AKM115SF132 AKM115SAF232	AKF112F120 AKF11x122 AKF113SF122	AKM115SF152 AKM115SF152
										2-way valve	3-way valve	6-way valve	4Nm	8Nm	7Nm	8Nm	
PN	Type	Type	Type	DN	kvs												
<b>Regulating ball valves with female thread</b>																	
PN40																	
VKR015F... BKR015F... 15 1.0 - 10 VKR020F... BKR020F... 20 4 / 6.3 / 10 VKR025F... BKR025F... 25 6.3 / 10 / 16 VKR032F... BKR032F... 32 10 / 16 / 25 VKR040F... BKR040F... 40 16 / 25 / 40 VKR050F... BKR050F... 50 25 / 40 / 63																	
<b>Cut-off ball valves with female thread</b>																	
PN40																	
VKAI015F300 BKLI015F300 BKTIO15F300 15 15 5 VKAI020F300 BKLI020F300 BKTIO20F300 20 22 9 VKAI025F300 BKLI025F300 BKTIO25F300 25 22 9 VKAI032F300 BKLI032F300 BKTIO32F300 32 35 13 VKAI040F300 BKLI040F300 BKTIO40F300 40 68 25 VKAI050F300 BKLI050F300 BKTIO50F300 50 96 37																	
<b>Regulating ball valves with male thread</b>																	
PN40																	
VKRA015F... BKRA015F... 15 1.0 / 1.6 / 2.5 / 4 / 6.3 VKRA020F... BKRA020F... 20 4 / 6.3 / 10 VKRA025F... BKRA025F... 25 6.3 / 10 / 16 VKRA032F... BKRA032F... 32 10 / 16 / 25 VKRA040F... BKRA040F... 40 16 / 25 / 40 VKRA050F... BKRA050F... 50 25 / 40 / 63																	
<b>Cut-off ball valves with male thread</b>																	
PN40																	
VKAA015F300 BKTA015F300 15 9 VKAA020F300 BKTA020F300 20 17 VKAA025F300 BKTA025F300 25 22 VKAA032F300 BKTA032F300 32 35 VKAA040F300 BKTA040F300 40 68 VKAA050F300 BKTA050F300 50 96																	
<b>6-way ball valves with male thread</b>																	
PN16																	
B2KL015F400 15 0.25 / 0.4 / 0.63 / 1.0 / 1.25 B2KL015F401 15 0.25 / 0.4 / 0.63 / 1.0 / 1.25 B2KL020F411 20 0.7 / 1.0 / 1.6 / 2.1 / 2.8																	