

THE RIGHT PRODUCT FOR EVERY VOLUME FLOW

Setter	Order number	0,3	0,6	1	1,5	2	4	6	8	10	15	20	30	40	50	60	70	80	90	100	200	300	400	500	600	700
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TacoSetter Bypass 100



223.22X2.XXX	223.23X1.000								2 – 8 l/min																		
223.23X0.XXX									4 – 15 l/min																		
223.23X2.XXX									8 – 30 l/min																		
223.24X0.XXX									6 – 20 l/min																		
223.24X1.XXX									10 – 40 l/min																		
223.25X1.XXX									20 – 70 l/min																		
223.26X1.XXX									30 – 120 l/min																		
223.28X1.XXX									50 – 200 l/min																		

TacoSetter Bypass Solar 130/185



223.238X.XXX									2 – 12 l/min																		
223.238X.XXX									8 – 20 l/min																		
223.248X.XXX									10 – 40 l/min																		
223.2580.000									20 – 70 l/min																		

TacoSetter Bypass Flange



223.2151.000																											
223.2251.000																											
223.2351.000																											

TacoSetter Inline 100



223.1202.000		0,3 – 1,5 l/min																									
223.12X3.XXX		0,6 – 2,4 l/min																									
223.12X4.XXX		1 – 3,5 l/min																									
223.12X8.XXX		2 – 8 l/min																									
223.12X9.XXX		3 – 12 l/min																									
223.1300.000		4 – 15 l/min																									
223.1302.000		8 – 30 l/min																									
223.1305.000		10 – 40 l/min																									

TacoSetter Inline 130



223.7556.334		1,5 – 6 l/min																									
223.7566.334		4 – 16 l/min																									
223.7576.334		8 – 28 l/min																									
223.7586.000		10 – 40 l/min																									

TacoSetter Rondo



223.3206.XXX		0,6 – 8 l/min																									
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TacoSetter Tronic



223.7702.000		1 – 12 l/min																									
223.7704.000		2 – 40 l/min																									

TACOSSETTER INLINE 100/130



DESCRIPTION

- Balancing and shut-off valve
- Hydronic balancing and volume flow control directly at the consumer or in a subsystem
- TacoSetter Inline 130 can be connected directly to the suction nozzles of a pump

ADVANTAGES

- Direct visual flow control (viewing glass)
- For flow volumes from 0.3 – 40 l/min
- Required water flows are precisely, quickly, easily and continuously variably adjusted
- No expensive auxiliary devices (measuring devices, charts, tables) required
- TacoSetter Inline 100 is certified for drinking water usage
- TacoSetter Inline 130 is available for high temperatures (up to 130 °C) in solar circuits with or without a glycol scale

FUNCTIONS

- Flow meter with viewing glass (l/min) integrated into the housing
- Displacement principle of an impact element held in a measuring tube with a counterspring
- The index mark is the lower edge of the float element
- Adjustment with a screwdriver used on the adjusting screw

TECHNICAL DATA

- k_{VS} -value and measurement range: see tables across the page
- Operating temperature $T_{0\max}$:
 - Inline 100: 100 °C
 - Inline 130: 130 °C (temporarily 160 °C)
- Operating pressure $P_{0\max}$:
 - Inline 100: 10 bar
 - Inline 130: 8 bar
- Measuring accuracy: $\pm 10\%$ of the final value
- Connection thread: compliant with DIN 2999/ISO 7 or ISO 228
- Installation position: in the flow direction in any position (360 °)

MATERIALS

- Housing: brass or dezincification-resistant brass
- Test object: plastic
- Inner parts: stainless steel and plastic
- Viewing glass: heat-resistant, shock-resistant plastic or borosilicate
- Seals: EPDM

FLOW MEDIA

- Water mixtures with typical corrosion and glycol additives (see «Correction Curves» document at taconova.com)
- Hot water
- Cold water
- TacoSetter Inline 100: drinking water (SVGW, ACS and KTW-certified)

TACOSSETTER INLINE 100 – MODELS



BALANCING VALVE

Brass, $T_{0\max}$: 100 °C, $P_{0\max}$: 10 bar



Order no.	DN	G x Rp	k_{VS} (m ³ /h)	Range (l/min)
223.1202.000	15	3/4" x 1/2"	0,25	0,3 – 1,5
223.1203.000	15	3/4" x 1/2"	0,6	0,6 – 2,4
223.1204.000	15	3/4" x 1/2"	1,35	1 – 3,5
223.1208.000	15	3/4" x 1/2"	1,8	2 – 8
223.1209.000	15	3/4" x 1/2"	1,85	3 – 12



Order no.	DN	G x G	k_{VS} (m ³ /h)	Range (l/min)
223.1233.000	15	3/4" x 3/4"	0,6	0,6 – 2,4
223.1234.000	15	3/4" x 3/4"	1,35	1 – 3,5
223.1238.000	15	3/4" x 3/4"	1,8	2 – 8
223.1239.000	15	3/4" x 3/4"	1,85	3 – 12
223.1300.000	20	1" x 1"	5,0	4 – 15
223.1302.000	20	1" x 1"	5,0	8 – 30
223.1305.000	20	1" x 1"	5,0	10 – 40



BALANCING VALVE (DEZINCIFICATION-RESISTANT)

Brass, $T_{0\max}$: 100 °C, $P_{0\max}$: 10 bar



Order no.	DN	G x Rp	k_{VS} (m ³ /h)	Range (l/min)
223.1204.104	15	3/4" x 1/2"	1,35	1 – 3,5
223.1208.104	15	3/4" x 1/2"	1,8	2 – 8
223.1209.104	15	3/4" x 1/2"	1,85	3 – 12



Order no.	DN	G x G	k_{VS} (m ³ /h)	Range (l/min)
223.1232.104	15	3/4" x 3/4"	0,25	0,3 – 1,5
223.1233.104	15	3/4" x 3/4"	0,6	0,6 – 2,4
223.1234.104	15	3/4" x 3/4"	1,35	1 – 3,5
223.1238.104	15	3/4" x 3/4"	1,8	2 – 8

TACOSSETTER INLINE 130 – MODELS



BALANCING VALVE (GLYCOL SCALE, VISCOSITY: 2,3 MM²/S)

Brass, $T_{0\max}$: 130 °C, $P_{0\max}$: 8 bar

Order no.	DN	G x G	k_{VS} (m ³ /h)	Range (l/min)
223.7556.334	20	1" x 1" A	1,8	1,5 – 6
223.7566.334	20	1" x 1" A	4,76	4 – 16
223.7576.334	20	1" x 1" A	5,44	8 – 28

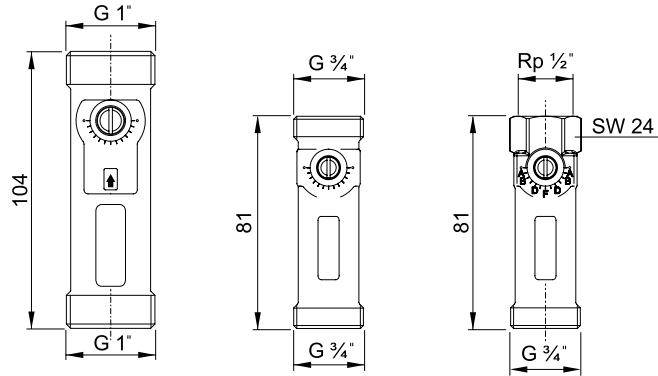


BALANCING VALVE (WATER SCALE)

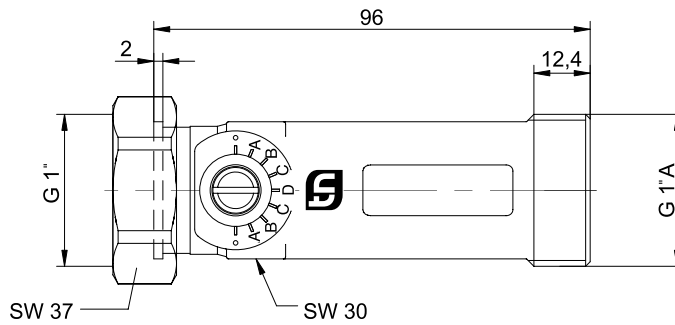
Brass, $T_{0\max}$: 130 °C, $P_{0\max}$: 8 bar

Order no.	DN	G x G	k_{VS} (m ³ /h)	Range (l/min)
223.7586.000	20	1" x 1" A	5,0	10 – 40

TACOSSETTER INLINE 100 – DIMENSIONS



TACOSSETTER INLINE 130 – DIMENSIONS



TACOSSETTER INLINE 100 – ACCESSORIES AND REPLACEMENT PARTS



CLEANING BRUSH FOR TACOSSETTER INLINE

Order no.	For
296.2301.000	DN 15
296.2302.000	DN 20



SCREW CONNECTIONS FOR COPPER PIPE

Comprising a cap nut, clamp ring and support sleeve

Order no.	G x mm	For	Fits
210.3325.000	3/4" x 15	Copper pipe 15/1	DN 15



SCREW CONNECTIONS FEMALE THREAD RP

Comprises a cap nut and insert

Order no.	G x R	Version for
210.6221.000	3/4" x 1/2"	1/2" thread, conically sealing, dezincification-resistant
210.6632.000 *	1" x 3/4"	3/4" thread, flat-sealing
210.6633.000 *	1 1/4" x 1"	1" thread, flat-sealing
210.6222.000	3/4" x 1/2"	1/2" thread, self-sealing

* 3 parts / set