

Water meter consoles

Parallel coupling

AT 7360A

Water meter consoles

Parallel coupling

AT 7360A

Rätten till ändringar utan föregående meddelande förbehålls.
Armatec ansvarar inte för eventuella tryckfel eller missförstånd.
Dokumentet får kopieras endast i sin helhet.

Water meter consoles

Parallel coupling

AT 7360A

Art . No .
R S K
Energy class
Description
Product category
Montage
Media
Material
Dimension (mm)
DN
Flow (l/min)
KVS
Pressure (bar)
PN
Temperature (°C)
Efficient
Volume (Liter)
Connection type
Connection dimension
Voltage
Current
Output signal
Communication
Accuracy
Safety class
Extrass
Environment
Fits with article
Key word
Workshop order

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Water meter consoles

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Parallel

connection

for

2

meter

DN

20

· C3

4

Building

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Water meter consoles

Parallel coupling

AT 7360A

Art. No.
RSK
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Water meter consoles

Parallel coupling

AT 7360A

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Parallel connection for 3 meters DN 20 · C3 4

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Water meter consoles

Parallel coupling

AT 7360A

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Water meter consoles

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Parallel connection for 4 meters DN 20 · C34

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Water meter consoles

Parallel coupling

AT 7360A

Art. No.
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Material
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Parallel

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Water meter consoles

Parallel coupling

AT 7360A

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meter

DN

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C3

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Water meter consoles

Parallel coupling

AT 7360A

Art. No.
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Product category
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Material
Media
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Water meter consoles

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DN

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Water meter consoles

Parallel coupling

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Parallel

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2

meters

DN

40

C3

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Water meter consoles

Parallel coupling

AT 7360A

Art. No.
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Material
Media
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DN
Flow (l/min)
KVS
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3

meter

DN

40

C3

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Water meter consoles

Parallel coupling

AT 7360A

Art. No.
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4

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DN

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C3

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Water meter consoles

Parallel coupling

AT 7360A

Art. No.
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Material
Media
Dimensions (mm)
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Pressure (bar)
Effect
Volume (Liter)
Connection type
Connection dimension
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Output signal
Communication
Accuracy
Safety class
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Fits with article
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Parallel connection for 2 meters DN 20 · C34

Water meter consoles

Parallel coupling

AT 7360A

Art. No.
RSK
Energy class
Product category
Description
Material
Media
Dimensions (mm)
DN
Flow (l/min)
KVS
Pressure (bar)
PN
Temperature (°C)
Efficient
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Parallel

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3

meters

DN

20

C3

4

Water meter consoles

Parallel coupling

AT 7360A

Art. No.
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Product category
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Dimension (mm)
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KVS
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Pressure (bar)
Temperature (°C)
Effect
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Communication
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Parallel connection for 4 meters DN 20 · C34

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Water meter consoles

Parallel coupling

AT 7360A

Art. No.
RSK
Energy class
Product category
Description
Material
Media
Dimensions (mm)
DN
Flow (l/min)
KVS
Pressure (bar)
PN
Temperature (°C)
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Volume (Liter)
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for

2

meters

DN

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C3

10

Water meter consoles

Parallel coupling

AT 7360A

Art. No.
RSK
Energy class
Description
Product category
Material
Media
Material
Dimension (mm)
DN
Flow (l/min)
KVS
PN
Temperature (°C)
Pressure (bar)
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Parallel

connection

for

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meter

DN

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C3

10

Water meter consoles

Parallel coupling

AT 7360A

Art. No.
RSK
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Product category
Description
Material
Media
Dimensions (mm)
DN
Flow (l/min)
KVS
Pressure (bar)
PN
Temperature (°C)
Efficient
Volume (Liter)
Connection type
Connection dimension
Voltage
Current
Output signal
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Accuracy
Safety class
Extrass
Environment
Fits with article
Keywords
Workshop order

Parallel connection for 4 meters DN 25

C310

Water meter consoles

Parallel coupling

AT 7360A

Art. No.
RSK
Energy class
Description
Product category
Material
Media
Material
Dimension (mm)
DN
Flow (l/min)
KVS
PN
Temperature (°C)
Pressure (bar)
Effect
Volume (Liter)
Connection type
Connection dimension
Voltage
Current
Output signal
Communication
Accuracy
Safety class
Extras
Environment
Fits with article
Key word
Workshop order

Parallel connection for 2 meters DN 20 · C3 4

Water meter consoles

Parallel coupling

AT 7360A

Art. No.
RSK
Energy class
Product category
Description
Material
Media
Dimensions (mm)
DN
Flow (l/min)
KVS
Pressure (bar)
PN
Temperature (°C)
Efficient
Volume (Liter)
Connection type
Connection dimension
Voltage
Current
Output signal
Communication
Accuracy
Safety class
Extrass
Environment
Fits with article
Key word
Workshop order

Parallel connection for 3 meters DN 20, C34

Water meter consoles

Parallel coupling

AT 7360A

Art. No.
RSK
Energy class
Description
Product category
Material
Media
Material
Dimension (mm)
DN
Flow (l/min)
KVS
PN
Pressure (bar)
Temperature (°C)
Effect
Volume (Liter)
Connection type
Connection dimension
Voltage
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Output signal
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Parallel connection for 4 meters DN 20 · C34

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Water meter consoles

Parallel coupling

AT 7360A

Art. No.
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Energy class
Product category
Description
Material
Media
Dimensions (mm)
DN
Flow (l/min)
KVS
Pressure (bar)
PN
Temperature (°C)
Efficient
Volume (Liter)
Connection type
Connection dimension
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Parallel

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for

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meters

DN

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C3

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Water meter consoles

Parallel coupling

AT 7360A

Art. No.
RSK
Energy class
Description
Product category
Material
Media
Mounting
Dimensions (mm)
DN
Flow (l/min)
KVS
PN
Pressure (bar)
Temperature (°C)
Effect
Volume (Liter)
Connection type
Connection dimension
Voltage
Current
Output signal
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3

meter

DN

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C3

10

Water meter consoles

Parallel coupling

AT 7360A

Art. No.
RSK
Energy class
Product category
Description
Material
Media
Dimensions (mm)
Material
DN
Flow (l/min)
KVS
Pressure (bar)
PN
Temperature (°C)
Efficient
Volume (Liter)
Connection type
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meters

DN

25

C3

10

Water meter consoles

Parallel coupling

AT 7360A

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Energy class
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Material
Dimension (mm)
DN
Flow (l/min)
KVS
PN
Pressure (bar)
Temperature (°C)
Effect
Volume (Liter)
Connection type
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Parallel

connection

for

2

meter

DN

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C3

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Water meter consoles

Parallel coupling

AT 7360A

Art. No.
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Product category
Description
Material
Media
Dimensions (mm)
DN
Flow (l/min)
KVS
Pressure (bar)
PN
Temperature (°C)
Efficient
Volume (Liter)
Connection type
Connection dimension
Voltage
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Parallel

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3

meters

DN

40

C3

16

Water meter consoles

Parallel coupling

AT 7360A

Art. No.
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Material
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Flow (l/min)
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PN
Pressure (bar)
Temperature (°C)
Effect
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Parallel

connection

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4

meter

DN

40

C3

16

Water meter consoles

Parallel coupling

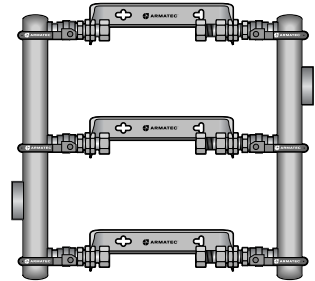
AT 7360A

Dimension range G 32-G 65, DN 100	PN 16	Temperature range 1 °C to 90 °C	Material Assembled unit
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Range of application

Parallell connection in fixed wall spacing

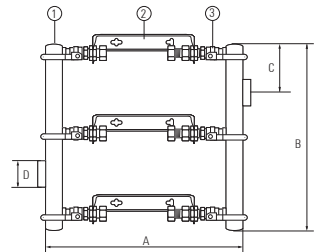
- For parallell coupling of multi jet- and piston measuring chambers q_n 2,5-10 / Q3 4-16
- To get better accuracy on $q_{min}/Q1$ at larger metering locations
- In order to avoid interruption of water supply during meter change
- In order to obtain longer residence time for the water meters (10 years for q_n 2,5/ Q3 4 and 5 years for q_n 6-10/Q3 10-16)
- Easier handling when changing meter



AT 7360A

Program text

Armatec parallell coupling AT 7360A ... - ... with connection boxes and stainless steel water meter console.



Details

- 1 Connection boxes with round pipes in stainless steel
- 2 Water meter console AT 7358-..
- 3 Valves in zinc-resistant metal (AVZ) AT3605-..
- 4 The console 's adjustable outlet coupling has a rubber sealing (NBR) of compression type with separate compression nut

Dimensions and weight

AT-No	q_n	Q_3	Amount meter	Length meter	Measuring- threads	A**	B	C	D	Wall- distance	Weight	RSK-No
7360A2,5-2	2,5	4	2	190-220	G25	630	390	195	G32	85	6,5	518 34 31
7360A2,5-2-190	2,5	4	2	190	G25	600	390	195	G32	85	6,3	518 34 59
7360A2,5-3	2,5	4	3	190-220	G25	630	690	195	G40	85	10,5	518 34 32
7360A2,5-3-190	2,5	4	3	190	G25	600	690	195	G40	85	10,2	518 34 60
7360A2,5-4	2,5	4	4	190-220	G25	670	1010	205	G50	85	14,5	518 34 33
7360A2,5-4-190	2,5	4	4	190	G25	620	1010	205	G50	85	14,1	518 34 61
7360A6-2	6	10	2	260	G32	760	400	200	G50	91	9	518 34 34
7360A6-3	6	10	3	260	G32	760	700	200	G65	91	15	518 34 35
7360A6-4	6	10	4	260	G32	760	1010	200	G65	91	21	518 34 36
7360A10-2	10	16	2	300	G50	880	400	200	G65	130	19	518 34 37
7360A10-3	10	16	3	300	G50	880	700	200	G65	130	30	518 34 38
7360A10-4	10	16	4	300	G50	930	1020	510	100*	130	40	518 34 40

Water meter consoles

Parallel coupling

AT 7360A

Parallell coupling	Inlet Component	
	Quantity and AT-No.	
AT-No.	console	valve
7360A2,5-2	2pcs 7358-220	2pcs 3605-20
7360A2,5-2-190	2pcs 7358-190	2pcs 3605-20
7360A2,5-3	3pcs 7358-220	3pcs 3605-20
7360A2,5-3-190	3pcs 7358-190	3pcs 3605-20
7360A2,5-4	4pcs 7358-220	4pcs 3605-20
7360A2,5-4-190	4pcs 7358-190	4pcs 3605-20
7360A6-2	2pcs 7358-260	2pcs 3605-25
7360A6-3	3pcs 7358-260	3pcs 3605-25
7360A6-4	4pcs 7358-260	4pcs 3605-25
7360A10-2	2pcs 7358-300	2pcs 3605-40
7360A10-3	3pcs 7358-300	3pcs 3605-40
7360A10-4	4pcs 7358-300	4pcs 3605-40

Function and design

ATs parallell coupling is built with the stainless steel Armatec-console. The consoles are connected with valves to connection boxes in stainless steel. The parallell coupling consoles are mounted on a wall with screws.

The collection boxes are made of round pipes in stainless steel for the best solidity against e.g. pressure strokes.

Sizing

Parallel coupling	q _n	Q ₃	Quantity meter	Apartment buildings	Single-family house, number of	Annual consumption
				number of apartments	houses per group	max. m ³
7360A2,5-2	2,5	4	2	9-30	8-26	3 000
7360A2,5-3	2,5	4	3	31-60	27-50	12 000
7360A2,5-4	2,5	4	4	61-90	51-80	18 000
7360A6-2	1	6	0 2	91-110	81-100	22 000
7360A6-3	1	6	0 3	111-200	101-170	40 000
7360A6-4	1	6	0 4	201-280	171-250	60 000
7360A10-2	1	0	6 2	90-220	76-200	50 000
7360A10-3	1	0	6 3	221-380	201-330	80 000
7360A10-4	1	0	6 4	381-540	331-460	110 000

The limits for 3-4 q_n 6-gauges are partially within the limits of 2-3 q_n 10-gauges. Generally a better q_{min}-value (less error display) is obtained when selecting parallel coupling with q_n 6-gauges.

The table is dimensioned after a maximum pressure drop across each gauge at 50kPa.

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Water meter consoles

Parallel coupling

AT 7360A

Accessories and options

Type BV: Parallel coupling with check valves										
AT-nr	q n	Q 3	Number of me- ters	Length meters	Conn . in/ out	Wal l- dist .	Input components (number shown in brackets)			RSK- No.
							Console	Check valve	Ball valve	
7360A2,5-2BV	2 5	4 2	2	190-220	G32	85	7358-220 (2)	7079-20BV-1 (2)	3605-20 (2)	518 34 22
7360A2,5-2BV- 190	2 5	4 2	2	190	G32	85	7358-190 (2)	7079-20BV (2)	3605-20 (2)	518 34 23
7360A2,5-3BV	2 5	4 3	3	190-220	G40	85	7358-220 (3)	7079-20BV-1 (3)	3605-20 (3)	518 34 24
7360A2,5-3BV- 190	2 5	4 3	3	190	G40	85	7358-190 (4)	7079-20BV (3)	3605-20 (3)	518 34 25
7360A2,5-4BV	2 5	4 4	4	190-220	G50	85	7358-220 (4)	7079-20BV-1 (4)	3605-20 (4)	518 34 26
7360A2,5-4BV- 190	2 5	4 4	4	190	G50	85	7358-190 (4)	7079-20BV (4)	3605-20 (4)	518 34 27
7360A6-2BV	1 6	0 2	2	260	G50	91	7358-260 (2)	7079-25BV (2)	3605-25 (2)	518 34 28
7360A6-3BV	1 6	0 3	3	260	G65	91	7358-260 (3)	7079-25BV (3)	3605-25 (3)	518 34 29
7360A6-4BV	1 6	0 4	4	260	G65	91	7358-260 (4)	7079-20BV (4)	3605-25 (4)	518 34 30
7360A10-2BV	1 0	1 6	2	300	G65	130	7358-300 (2)	7079-40BV (2)	3605-40 (2)	518 34 31
7360A10-3BV	1 0	1 6	3	300	G65	130	7358-300 (3)	7079-40BV (3)	3605-40 (3)	518 34 32
7360A10-4BV	1 0	1 6	4	300	100*	130	7358-300 (4)	7079-40BV (4)	3605-40 (4)	518 34 33

Water meter consoles

Parallel coupling

AT 7360A

Type BVS with built-in controllable type EA. Performance acc. to "Stockholm Vatten"-standards.

AT-No.	q n	Q 3	Number of meters	Length meters	Con. in/out	Wal l- dist.	Components	
							Parallel coupling AT-No.	Check valve AT-No.
7360A2,5- 2BVS	2 5	4	2	190-220	G32	85	1pcs 360A2,5-2BV	2pcs 1159-20
7360A2,5- 3BVS	2 5	4	3	190-220	G40	85	1pcs 7360A2,5-3BV	3pcs 1159-20
7360A2,5- 4BVS	2 5	4	4	190-220	G50	85	1pcs 7360A2,5-4BV	4pcs 1159-20
7360A6- 2BVS	1 6	0	2	260	G50	91	1pcs 7360A6-2BV	2pcs 1159-25
7360A6- 3BVS	1 6	0	3	260	G65	91	1pcs 7360A6-3BV	3pcs 1159-25
7360A6- 4BVS	1 6	0	4	260	G65	91	1pcs 7360A6-4BV	4pcs 1159-25
7360A10- 2BVS	1 0	6	2	300	G65	130	1pcs 7360A10-2BV	2pcs 1159-40
7360A10- 3BVS	1 0	6	3	300	G65	130	1pcs 7360A10-3BV	3pcs 1159-40
7360A10- 4BVS	1 0	6	4	300	100*	130	1pcs 7360A10-4BV	4pcs 1159-40

Installing

See separate operating instructions.

How to order

Example: AT 7360A2,5-2BVS

AT 7360A	2,5	-2	Option
AT-No.	qn	Number of meters	BV = with a check valve incorporated in the adjustable clutch. BVS = with check valve type EA, version E1. "Stockholm Vatten"

Parallel coupling for meters with 190mm building length is specified as example AT 7360-A2,5-190BVS