



Function

The series 50th has a linear, elegant look, designed with attention to the smallest detail. All products were developed with great attention to aesthetics as well as to ease of installation and to the safety of a products made to last over time.

The entire range is finished with chrome plating, which guarantees a thicker coverage and, as a consequence, a better resistance to ageing and corrosion, not to mention a superior aesthetic appearance. Thermostatic valves allow to preset the flow rate.

Technical data

Max. working pressure:	10 bar
Max. differential pressure:	1 bar
Max. working temperature:	120 °C
Working fluids:	Water in compliance with UNI 8065:1989

Materials

Valve body:	CW 617 N – DW UNI-EN 12165:2016
Obturator:	CW 614 N – DW UNI-EN 12164:2016
Gaskets:	Peroxide cured EPDM
Knob:	Chrome-plated/RAL9016 white ABS

Surface treatment

Chrome-plated / Powder coating paint, RAL9016 white

Dimensional Drawings

RS 259/A

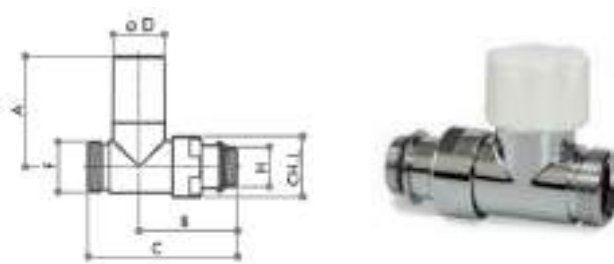
Angle radiator valve, thermostatically or electronically controlled with protection cap.
Copper and plastic pipe G3/4 Eurokonus



Code	Size	A	B	C	D	E
14202703	DN15 1/2	67	50	25	37	-
14202703CB	DN15 1/2	67	50	25	37	-
Code	Size	F	G	H	L	M
14202703	DN15 1/2	G3/4 Ek	-	G1/2	28	-
14202703CB	DN15 1/2	G3/4 Ek	-	G1/2	28	-

RD 258/A

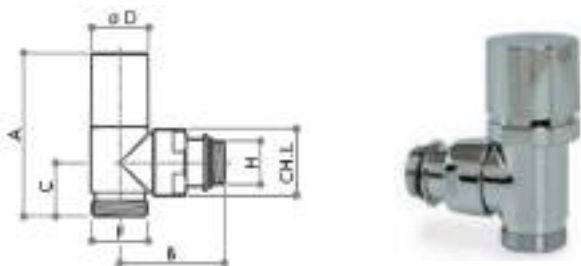
Straight radiator valve, thermostatically or electronically controlled with protection cap.
Copper and plastic pipe G3/4 Eurokonus



Code	Size	A	B	C	D	E
14402703	DN15 1/2	48	51	78	37	-
14402703CB	DN15 1/2	48	51	78	37	-
Code	Size	F	G	H	L	M
14402703	DN15 1/2	G3/4 Ek	-	G1/2	28	-
14402703CB	DN15 1/2	G3/4 Ek	-	G1/2	28	-

RS 2059/A

Angle radiator valve, thermostatically or electronically controlled, with manual control knob.
Copper and plastic pipe G3/4 Eurokonus



Code	Size	A	B	C	D	E
14242703	DN15 1/2	83	50	25	35	-
14242703CB	DN15 1/2	83	50	25	35	-
Code	Size	F	G	H	L	M
14242703	DN15 1/2	G3/4 Ek	-	G1/2	28	-
14242703CB	DN15 1/2	G3/4 Ek	-	G1/2	28	-

RD 2058/A

Straight radiator valve, thermostatically or electronically controlled, with manual control knob.
Copper and plastic pipe G3/4 Eurokonus

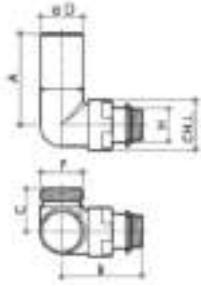


Code	Size	A	B	C	D	E
14422703	DN15 1/2	64	51	78	37	-
14422703CB	DN15 1/2	64	51	78	37	-
Code	Size	F	G	H	L	M
14422703	DN15 1/2	G3/4 Ek	-	G1/2	28	-
14422703CB	DN15 1/2	G3/4 Ek	-	G1/2	28	-

RCD 269/A

Coaxial right radiator valve, thermostatically or electronically controlled with protection cap.

Copper and plastic pipe G3/4 Eurokonus

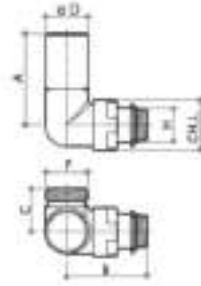


Code	Size	A	B	C	D	E
14272703	DN15 1/2	48	51	27	37	-
14272703CB	DN15 1/2	48	51	27	37	-
Code	Size	F	G	H	L	M
14272703	DN15 1/2	G3/4 Ek	-	G1/2	28	-
14272703CB	DN15 1/2	G3/4 Ek	-	G1/2	28	-

RCS 273/A

Coaxial left radiator valve, thermostatically or electronically controlled with protection cap.

Copper and plastic pipe G3/4 Eurokonus

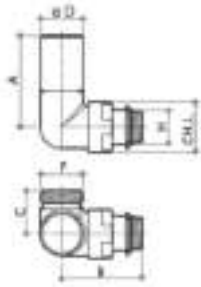


Code	Size	A	B	C	D	E
14292703	DN15 1/2	48	51	27	37	-
14292703CB	DN15 1/2	48	51	27	37	-
Code	Size	F	G	H	L	M
14292703	DN15 1/2	G3/4 Ek	-	G1/2	28	-
14292703CB	DN15 1/2	G3/4 Ek	-	G1/2	28	-

RCD 2069/A

Coaxial right radiator valve, thermostatically or electronically controlled, with manual control knob.

Copper and plastic pipe G3/4 Eurokonus

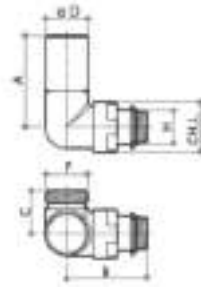


Code	Size	A	B	C	D	E
14312703	DN15 1/2	64	51	27	35	-
14312703CB	DN15 1/2	64	51	27	35	-
Code	Size	F	G	H	L	M
14312703	DN15 1/2	G3/4 Ek	-	G1/2	28	-
14312703CB	DN15 1/2	G3/4 Ek	-	G1/2	28	-

RCS 2073/A

Coaxial left radiator valve, thermostatically or electronically controlled, with manual control knob.

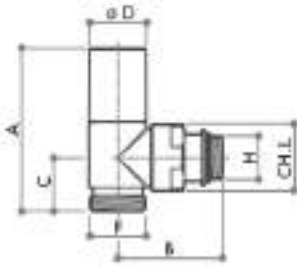
Copper and plastic pipe G3/4 Eurokonus



Code	Size	A	B	C	D	E
14332703	DN15 1/2	64	51	27	35	-
14332703CB	DN15 1/2	64	51	27	35	-
Code	Size	F	G	H	L	M
14332703	DN15 1/2	G3/4 Ek	-	G1/2	28	-
14332703CB	DN15 1/2	G3/4 Ek	-	G1/2	28	-

RS 59/A

Single adjustment angle radiator valve.
Copper and plastic pipe G3/4 Eurokonus



Code	Size	A	B	C	D	E
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14122703	DN15 1/2	77	50	25	27	-
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14122703CB	DN15 1/2	77	50	25	27	-
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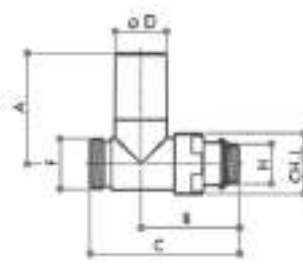
Code	Size	F	G	H	L	M
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14122703	DN15 1/2	G3/4 Ek	-	G1/2	28	-
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14122703CB	DN15 1/2	G3/4 Ek	-	G1/2	28	-
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RD 58/A

Single adjustment straight radiator valve.
Copper and plastic pipe G3/4 Eurokonus



Code	Size	A	B	C	D	E
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14322703	DN15 1/2	58	51	78	37	-
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14322703CB	DN15 1/2	58	51	78	37	-
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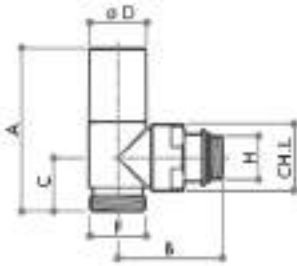
Code	Size	F	G	H	L	M
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14322703	DN15 1/2	G3/4 Ek	-	G1/2	28	-
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14322703CB	DN15 1/2	G3/4 Ek	-	G1/2	28	-
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DS 79/A

Angle regulating lockshield valve.
Copper and plastic pipe G3/4 Eurokonus



Code	Size	A	B	C	D	E
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14162703	DN15 1/2	62	50	25	27	-
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14162703CB	DN15 1/2	62	50	25	27	-
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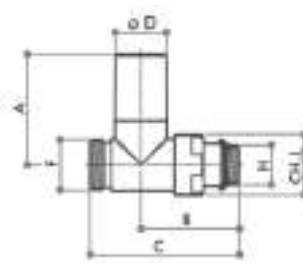
Code	Size	F	G	H	L	M
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14162703	DN15 1/2	G3/4 Ek	-	G1/2	28	-
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14162703CB	DN15 1/2	G3/4 Ek	-	G1/2	28	-
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DD 78/A

Straight regulating lockshield valve.
Copper and plastic pipe G3/4 Eurokonus



Code	Size	A	B	C	D	E
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14362703	DN15 1/2	42	51	78	27	-
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14362703CB	DN15 1/2	42	51	78	27	-
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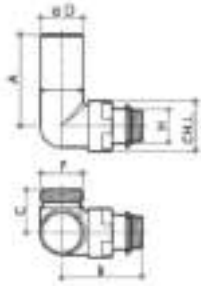
Code	Size	F	G	H	L	M
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14362703	DN15 1/2	G3/4 Ek	-	G1/2	28	-
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14362703CB	DN15 1/2	G3/4 Ek	-	G1/2	28	-
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RCD 69/A

Single adjustment coaxial right radiator valve.
Copper and plastic pipe G3/4 Eurokonus



Code	Size	A	B	C	D	E
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14192703	DN15 1/2	58	51	27	27	-
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14192703CB	DN15 1/2	58	51	27	27	-
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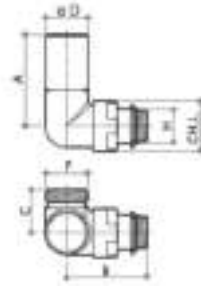
Code	Size	F	G	H	L	M
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14192703	DN15 1/2	G3/4 Ek	-	G1/2	28	-
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14192703CB	DN15 1/2	G3/4 Ek	-	G1/2	28	-
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RCS 73/A

Single adjustment coaxial left radiator valve.
Copper and plastic pipe G3/4 Eurokonus



Code	Size	A	B	C	D	E
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14212703	DN15 1/2	58	51	27	27	-
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14212703CB	DN15 1/2	58	51	27	27	-
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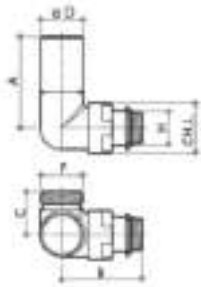
Code	Size	F	G	H	L	M
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14212703	DN15 1/2	G3/4 Ek	-	G1/2	28	-
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14212703CB	DN15 1/2	G3/4 Ek	-	G1/2	28	-
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DCS 33/A

Coaxial left regulating lockshield valve.
Copper and plastic pipe G3/4 Eurokonus



Code	Size	A	B	C	D	E
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14252703	DN15 1/2	42	51	27	27	-
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14252703CB	DN15 1/2	42	51	27	27	-
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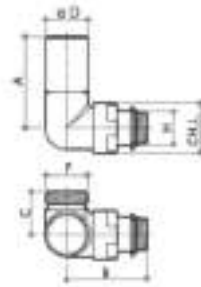
Code	Size	F	G	H	L	M
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14252703	DN15 1/2	G3/4 Ek	-	G1/2	28	-
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14252703CB	DN15 1/2	G3/4 Ek	-	G1/2	28	-
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DCD 29/A

Coaxial right regulating lockshield valve.
Copper and plastic pipe G3/4 Eurokonus



Code	Size	A	B	C	D	E
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14232703	DN15 1/2	42	51	27	27	-
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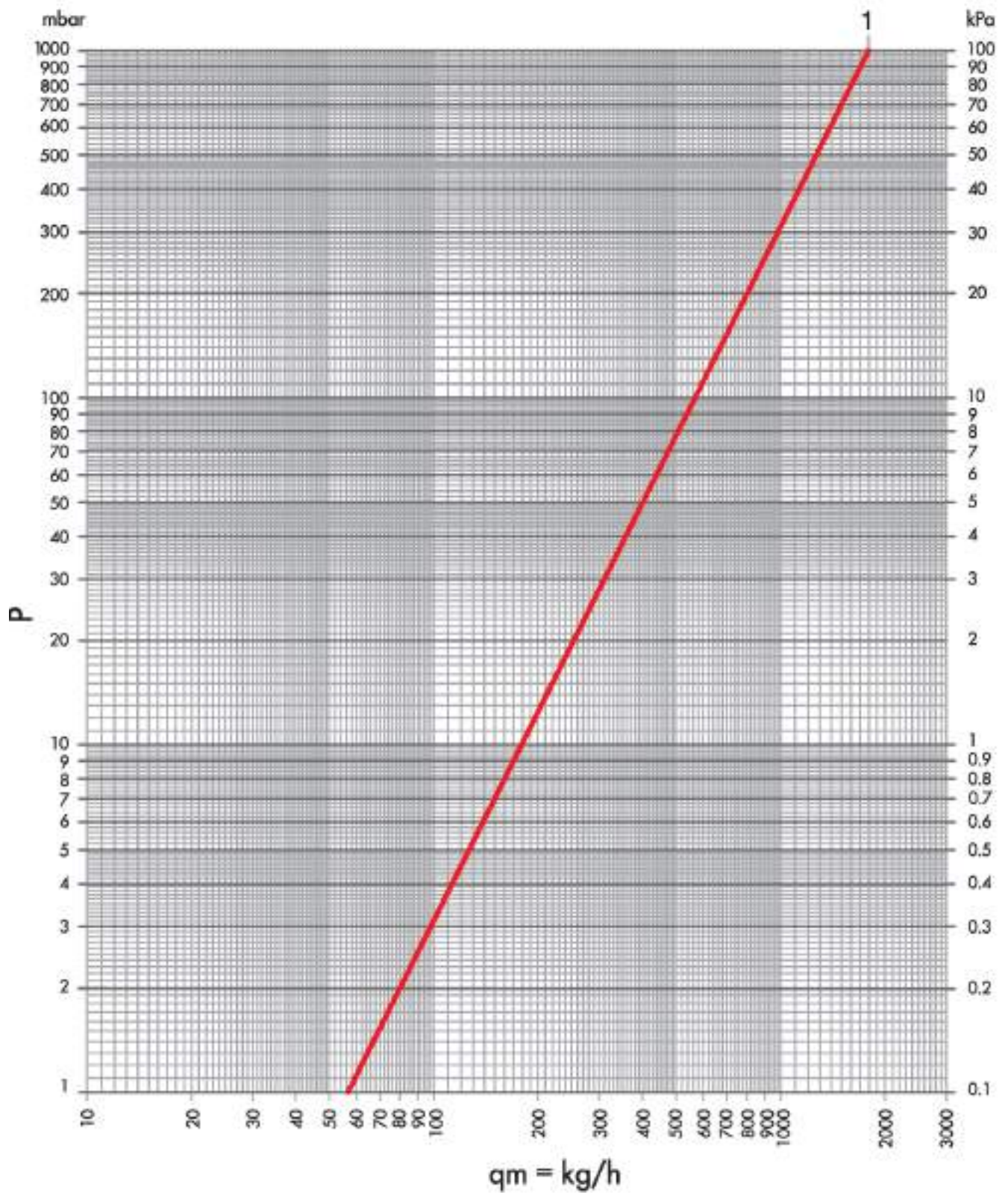
14232703CB	DN15 1/2	42	51	27	27	-
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Code	Size	F	G	H	L	M
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14232703	DN15 1/2	G3/4 Ek	-	G1/2	28	-
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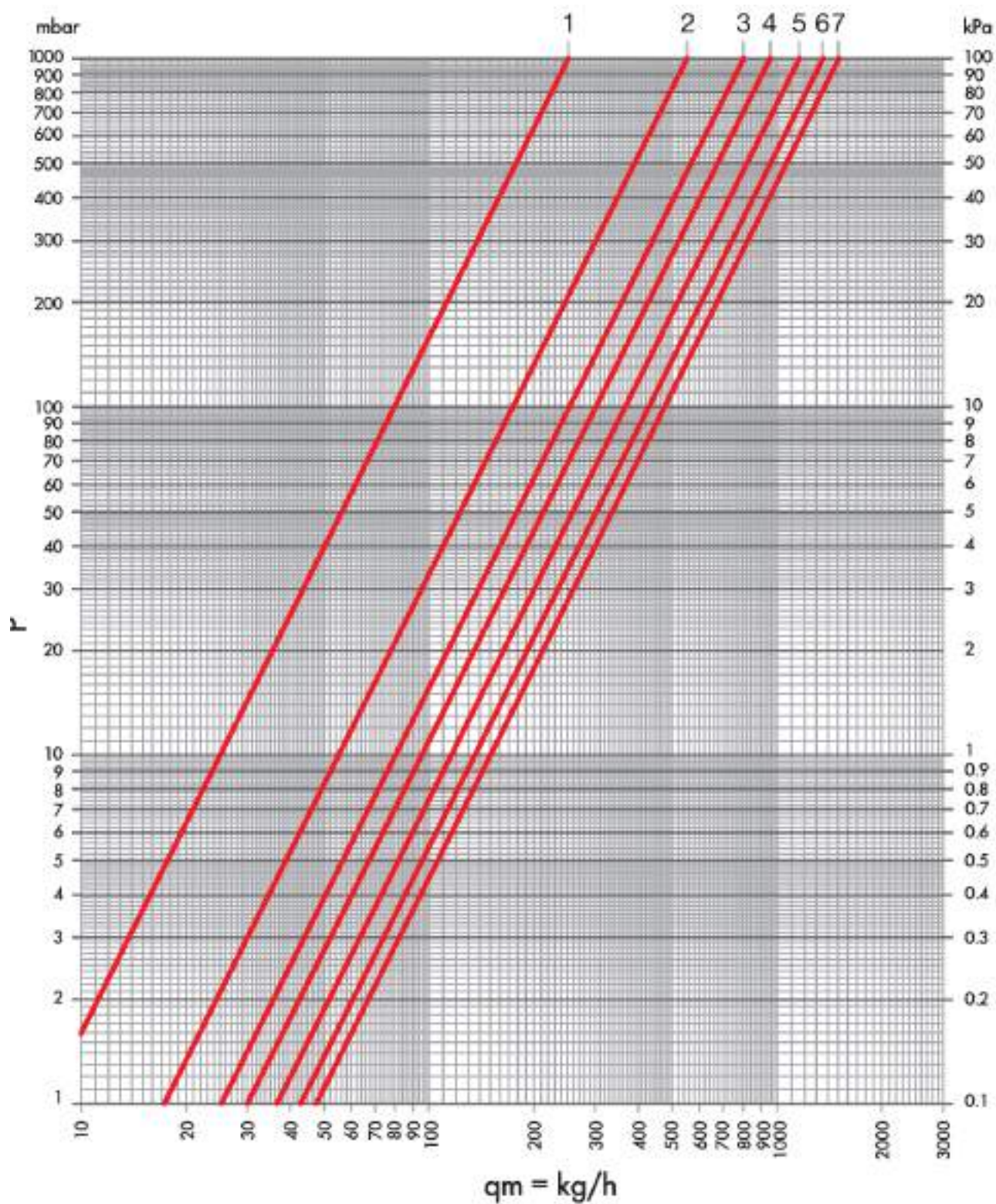
14232703CB	DN15 1/2	G3/4 Ek	-	G1/2	28	-
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Hydraulic Characteristics



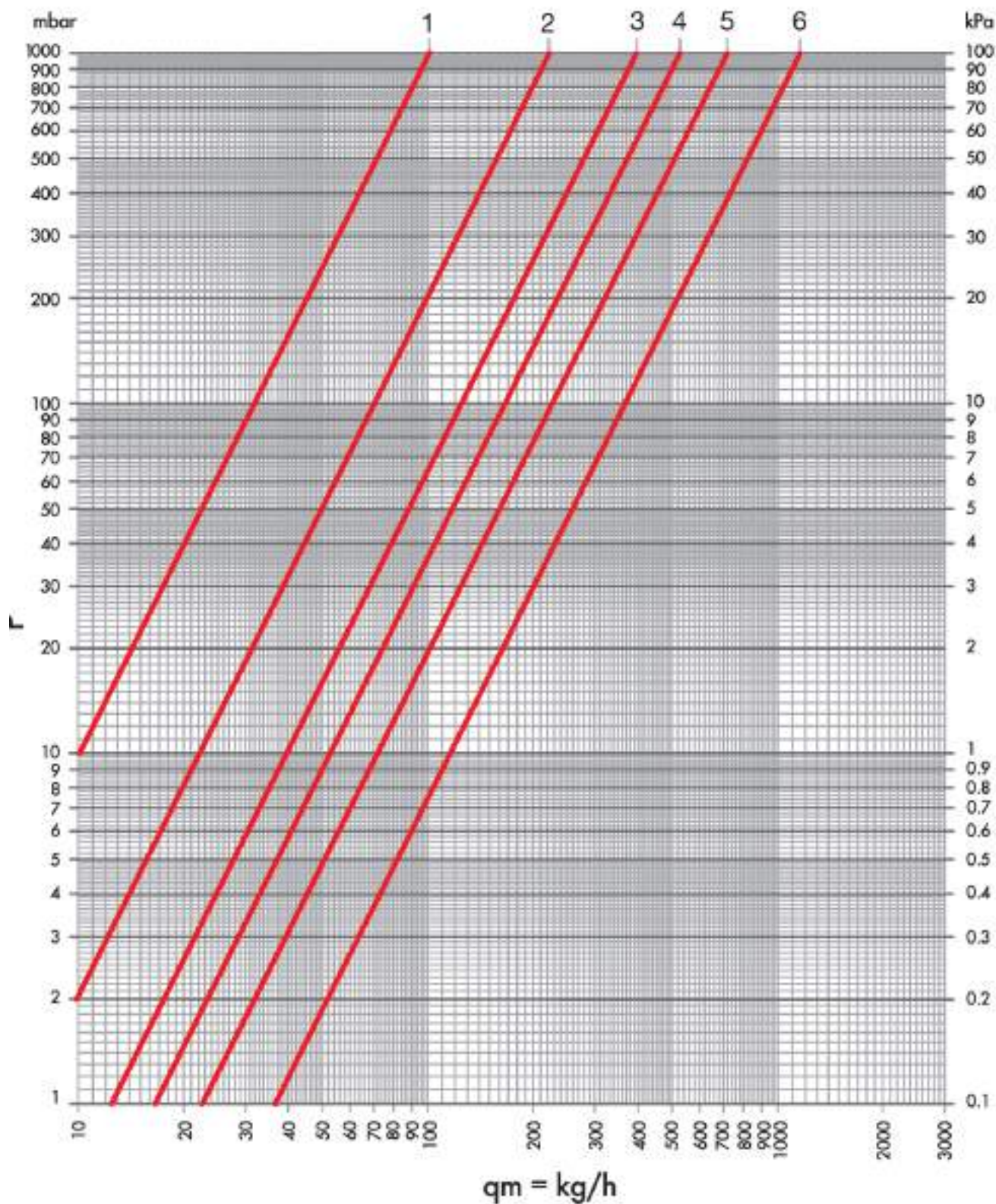
Curve	Kv	Items
1	1.85	RS 58/A 1/2; RS 59/A 1/2; RCD 69/A 1/2; RCS 73/A 1/2

Hydraulic Characteristics



Position	Turns	Kv	Items
1	1	0.25	
2	1+1/2	0.55	
3	2	0.80	
4	2+1/2	0.95	DD 78/A 1/2; DS 79/A 1/2; DCD 29/A 1/2; DCS 33/A 1/2
5	3	1.15	
6	3+1/2	1.35	
7	All open	1.50	

Hydraulic Characteristics



Curve	Kv	Kv Δt 1°C	Kv Δt 2°C	Items
1	0.10	0.11	0.15	
2	0.22	0.16	0.25	
3	0.39	0.18	0.36	RD 258/A 1/2 + RS 259/A 1/2; RCD 269/A 1/2 + RCS273/A 1/2;
4	0.52	0.18	0.37	RD 2058/A 1/2 + RS 2059/A 1/2; RCD 2069/A 1/2 + RCS 2073/A 1/2
5	0.71	0.19	0.43	
6	1.25	0.20	0.50	

Working Instructions



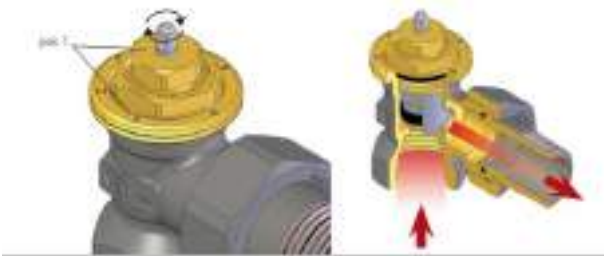
- **PROTECTION CAP:** Protects the thread during installation and allows for full closing of the valve. It enables to calibrate the nominal lift as follows:
 - Turn the cap until the valve is completely closed without forcing;
 - Draw a reference line on the valve body corresponding with one of the cap's notches;
 - Unplug the cap for two notches.



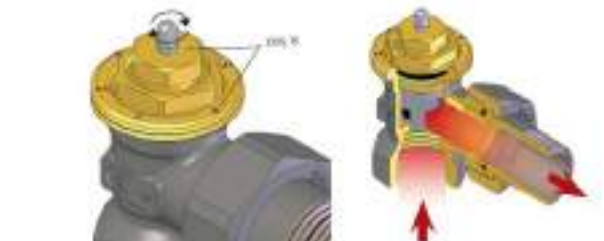
- **STEM SEALING:** The tightening device can be easily replaced without draining the system:
 - Unscrew the hexagonal collar by means of a 13 mm wrench;



- Remove the O-ring "A", clean the stainless steel stem and insert a new O-ring "A";
- Screw the collar tightly back.



- **FLOW RATE ADJUSTMENT:** To set the maximum flow rate:
 - Align the reference mark "B" on the stainless steel stem with one of the positions printed on the valve body.



- **WARNING:** Once the system has been leak tested, please relieve the pressure. A differential pressure over 1 bar between the inlet and the outlet of the valve may cause the sealing O-ring to be expelled.

Item Specifications

RS 259/A

Design angle radiator valve, thermostatically or electronically controlled with white ABS protection cap. Connection for copper, plastic and multilayer pipe 3/4" M Eurokonus. 1/2" M radiator connection prefitted with peroxide cured EPDM O-ring, cylindrical thread and O-ring. Valve body in chrome-plated or varnished RAL9016 white CW617N brass. CB). Double peroxide cured EPDM O-ring on the AISI 316 stainless steel stem. Max. working temperature 120 °C, max. pressure 10 bar, differential pressure 1 bar.

RD 258/A

Design straight radiator valve, thermostatically or electronically controlled with white ABS protection cap. Connection for copper, plastic and multilayer pipe 3/4" M Eurokonus. 1/2" M radiator connection prefitted with peroxide cured EPDM O-ring, cylindrical thread and O-ring. Valve body in chrome-plated or varnished RAL9016 white CW617N brass. CB). Double peroxide cured EPDM O-ring on the AISI 316 stainless steel stem. Max. working temperature 120 °C, max. pressure 10 bar, differential pressure 1 bar.

RS 2059/A

Design angle radiator valve, thermostatically or electronically controlled, with manual control knob in chrome-plated ABS. Connection for copper, plastic and multilayer pipe 3/4" M Eurokonus. 1/2" M radiator connection prefitted with peroxide cured EPDM O-ring, cylindrical thread and O-ring. Valve body in chrome-plated or varnished RAL9016 white CW617N brass. CB). Double peroxide cured EPDM O-ring on the AISI 316 stainless steel stem. Max. working temperature 120 °C, max. pressure 10 bar, differential pressure 1 bar.

RD 2058/A

Design straight radiator valve, thermostatically or electronically controlled, with manual control knob in chrome-plated ABS. Connection for copper, plastic and multilayer pipe 3/4" M Eurokonus. 1/2" M radiator connection prefitted with peroxide cured EPDM O-ring, cylindrical thread and O-ring. Valve body in chrome-plated or varnished RAL9016 white CW617N brass. CB). Double peroxide cured EPDM O-ring on the AISI 316 stainless steel stem. Max. working temperature 120 °C, max. pressure 10 bar, differential pressure 1 bar.

RCD 269/A

Design coaxial right radiator valve, thermostatically or electronically controlled with white ABS protection cap. Connection for copper, plastic and multilayer pipe 3/4" M Eurokonus. 1/2" M radiator connection prefitted with peroxide cured EPDM O-ring, cylindrical thread and O-ring. Valve body in chrome-plated or varnished RAL9016 white CW617N brass. CB). Double peroxide cured EPDM O-ring on the AISI 316 stainless steel stem. Max. working temperature 120 °C, max. pressure 10 bar, differential pressure 1 bar.

RCS 273/A

Design coaxial left radiator valve, thermostatically or electronically controlled with white ABS protection cap. Connection for copper, plastic and multilayer pipe 3/4" M Eurokonus. 1/2" M radiator connection prefitted with peroxide cured EPDM O-ring, cylindrical thread and O-ring. Valve body in chrome-plated or varnished RAL9016 white CW617N brass. CB). Double peroxide cured EPDM O-ring on the AISI 316 stainless steel stem. Max. working temperature 120 °C, max. pressure 10 bar, differential pressure 1 bar.

RCD 2069/A

Design coaxial right radiator valve, thermostatically or electronically controlled, with manual control knob in chrome-plated ABS. Connection for copper, plastic and multilayer pipe 3/4" M Eurokonus. 1/2" M radiator connection prefitted with peroxide cured EPDM O-ring, cylindrical thread and O-ring. Valve body in chrome-plated or varnished RAL9016 white CW617N brass. CB). Double peroxide cured EPDM O-ring on the AISI 316 stainless steel stem. Max. working temperature 120 °C, max. pressure 10 bar, differential pressure 1 bar.

RCS 2073/A

Design coaxial left radiator valve, thermostatically or electronically controlled, with manual control knob in chrome-plated ABS. Connection for copper, plastic and multilayer pipe 3/4" M Eurokonus. 1/2" M radiator connection prefitted with peroxide cured EPDM O-ring, cylindrical thread and O-ring. Valve body in chrome-plated or varnished RAL9016 white CW617N brass. CB). Double peroxide cured EPDM O-ring on the AISI 316 stainless steel stem. Max. working temperature 120 °C, max. pressure 10 bar, differential pressure 1 bar.

RS 59/A

Design angle radiator valve with manual control knob in chrome-plated ABS. Connection for copper, plastic and multilayer pipe 3/4" M Eurokonus. 1/2" M radiator connection prefitted with peroxide cured EPDM O-ring, cylindrical thread and O-ring. Valve body in chrome-plated or varnished RAL9016 white CW617N brass. CB). Max. working temperature 120 °C, max. pressure 10 bar, differential pressure 1 bar.

RD 58/A

Design straight radiator valve with manual control knob in chrome-plated ABS. Connection for copper, plastic and multilayer pipe 3/4" M Eurokonus. 1/2" M radiator connection prefitted with peroxide cured EPDM O-ring, cylindrical thread and O-ring.

Valve body in chrome-plated or varnished RAL9016 white CW617N brass. CB). Max. working temperature 120 °C, max. pressure 10 bar, differential pressure 1 bar.

DS 79/A

Design angle regulating lockshield valve with chrome-plated ABS plug. Connection for copper, plastic and multilayer pipe 3/4"M Eurokonus. 1/2"M radiator connection prefitted with peroxide cured EPDM O-ring, cylindrical thread and O-ring. . Valve body in chrome-plated or varnished RAL9016 white CW617N brass. CB). Max. working temperature 120 °C, max. pressure 10 bar, differential pressure 1 bar.

DD 78/A

Design straight regulating lockshield valve with chrome-plated ABS plug. Connection for copper, plastic and multilayer pipe 3/4"M Eurokonus. 1/2"M radiator connection prefitted with peroxide cured EPDM O-ring, cylindrical thread and O-ring. Valve body in chrome-plated or varnished RAL9016 white CW617N brass. CB). Max. working temperature 120 °C, max. pressure 10 bar, differential pressure 1 bar.

RCD 69/A

Design coaxial right radiator valve with manual control knob in chrome-plated ABS. Connection for copper, plastic and multilayer pipe 3/4"M Eurokonus. 1/2"M radiator connection prefitted with peroxide cured EPDM O-ring, cylindrical thread and O-ring. Valve body in chrome-plated or varnished RAL9016 white CW617N brass. CB). Max. working temperature 120 °C, max. pressure 10 bar, differential pressure 1 bar.

RCS 73/A

Design coaxial left radiator valve with manual control knob in chrome-plated ABS. Connection for copper, plastic and multilayer pipe 3/4"M Eurokonus. 1/2"M radiator connection prefitted with peroxide cured EPDM O-ring, cylindrical thread and O-ring. Valve body in chrome-plated or varnished RAL9016 white CW617N brass. CB). Max. working temperature 120 °C, max. pressure 10 bar, differential pressure 1 bar.

DCS 33/A

Design coaxial left regulating lockshield valve with chrome-plated ABS plug. Connection for copper, plastic and multilayer pipe 3/4"M Eurokonus. 1/2"M radiator connection prefitted with peroxide cured EPDM O-ring, cylindrical thread and O-ring. . Valve body in chrome-plated or varnished RAL9016 white CW617N brass. CB). Max. working temperature 120 °C, max. pressure 10 bar, differential pressure 1 bar.

DCD 29/A

Design coaxial right regulating lockshield valve with chrome-plated ABS plug. Connection for copper, plastic and multilayer pipe 3/4"M Eurokonus. 1/2"M radiator connection prefitted with peroxide cured EPDM O-ring, cylindrical thread and O-ring. . Valve body in chrome-plated or varnished RAL9016 white CW617N brass. CB). Max. working temperature 120 °C, max. pressure 10 bar, differential pressure 1 bar.



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