

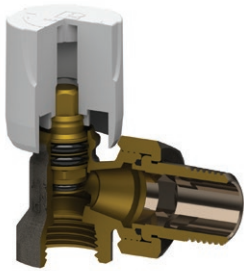


RADIATOR VALVES

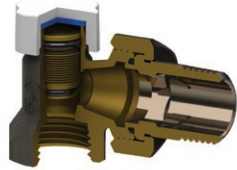
1.1 / EASY

EASY

VALVES AND LOCKSHIELDS



When in closed position, the tightness is granted by an o-ring and a conical metal collar. The valves are nickel plated. Valves and lockshields must be opened with a differential pressure lower than 1 bar.



When in closed position, the tightness is granted by an o-ring and a conical metal collar. The valves are nickel plated. The flow can be adjusted by limiting the lift of the obturator.

TECHNICAL DATA



DN

10
15
20



Max temperature

120 °C



Max pressure

10 bar



Max differential
pressure
1 bar



Materials

CW617N
UNI EN
12165:2016



Knob

white ABS
RAL 9016



Testing

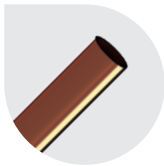
100%

SYSTEM CONNECTIONS



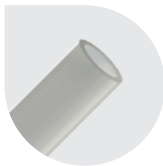
Iron pipe

G 3/8
G 1/2
G 3/4



Copper pipe

W 24x19 - TR 91
G 3/4 EK - TR 91/A



Plastic pipe

W 24x19 - TP 95
G 3/4 EK - TP 98



Multilayer pipe

W 24x19 - TP 97
G 3/4 EK - TP 99

RADIATOR
CONNECTION



Conical milled
thread

G 3/8
G 1/2
G 3/4

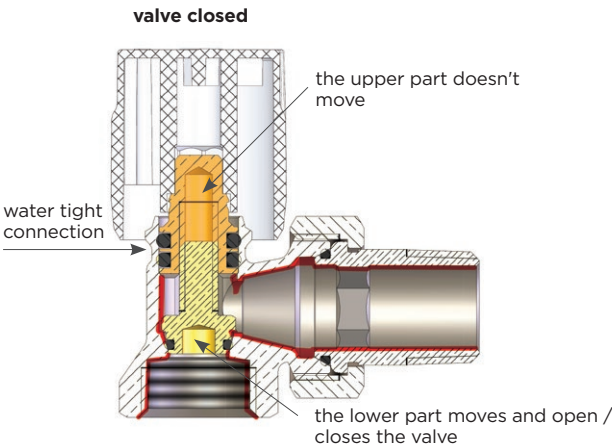
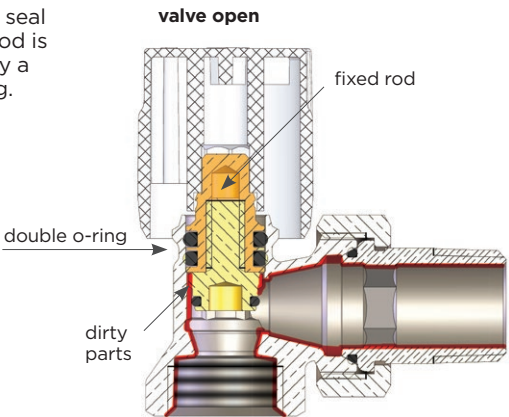


Cylindrical thread
with soft sealing

G 3/8
G 1/2
G 3/4

ADVANTAGES OF THE STEM MADE IN TWO PIECES

The hydraulic seal on the fixed rod is guaranteed by a double o-Ring.

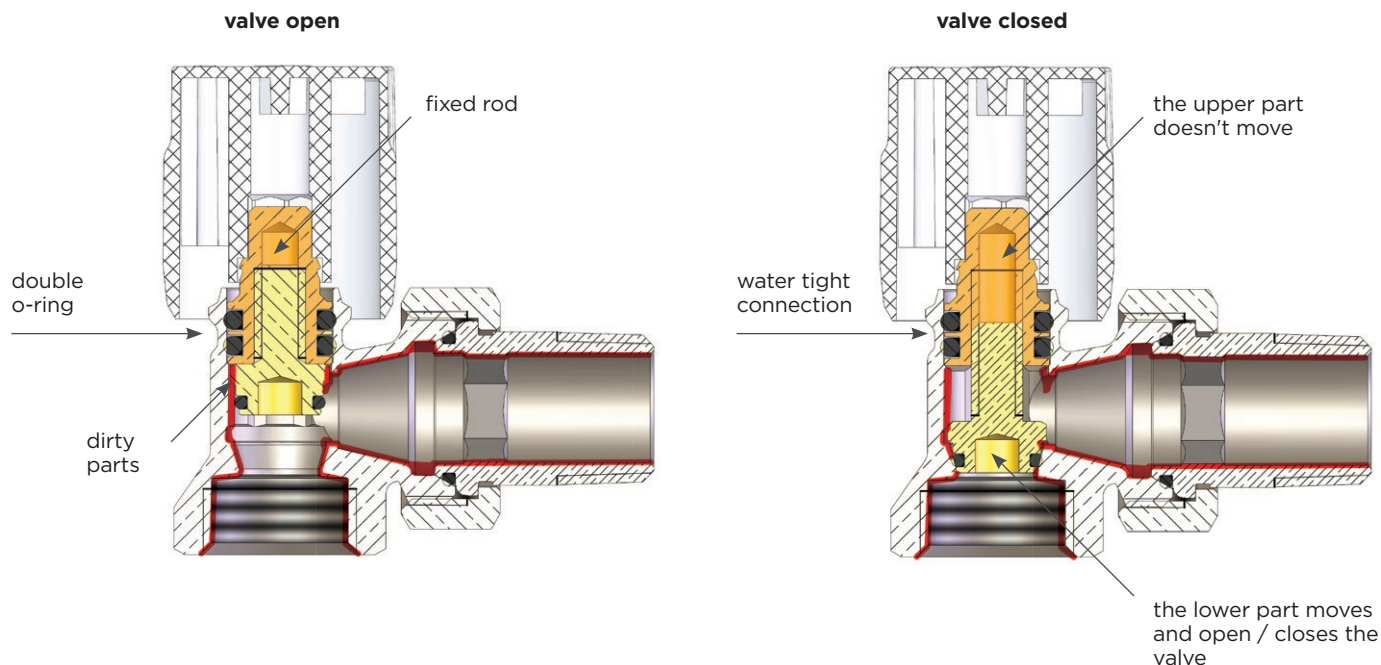


All valves and lockshields are 100% checked with an electronically controlled pneumatic test.

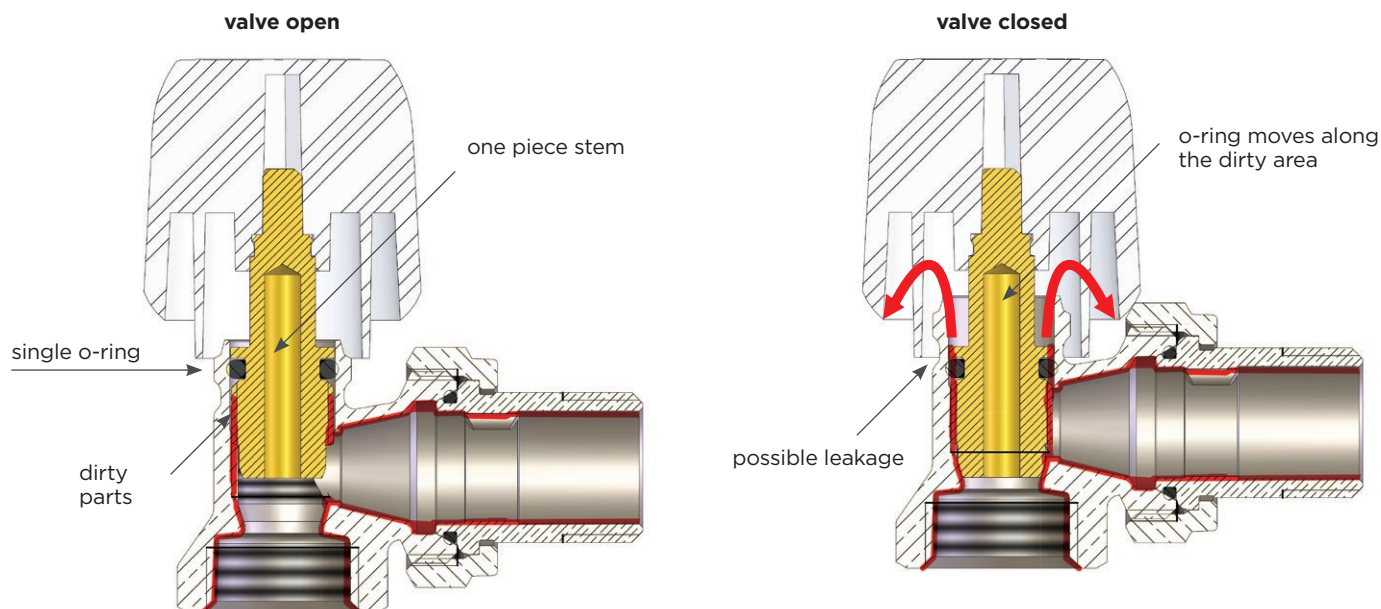
The characteristics of the fluid in the system must be compliant with the UNI 8065: 2019 directive.

ADVANTAGES OF THE STEM MADE IN TWO PIECES

TWO PIECES STEM



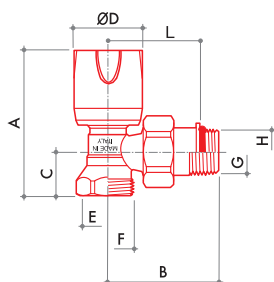
ONE PIECE STEM



The benefit of the rod made in two pieces are many and occur both with the valve open and with the valve closed. The fixed rod, with double o-ring, guarantees the seal and prevents impurities from settling in the seat where these gaskets work, avoiding the decrease in their effectiveness.

In the sliding rod, however, this considerable benefit is not guaranteed as the working surface of the gaskets is exposed to the impurities of the fluid in the system. This can greatly increase the possibility of fluid loss, especially in the medium to long term.

CONNECTION FOR IRON PIPE

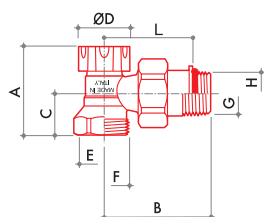
**RS 102**

Single adjustment angle radiator valve.
Connection for iron pipe.

Fittings



CODE	SIZE	A	B	C	D	E	F	G	H	L			
11021700	DN 10 3/8	65	49	18	32	G 3/8	-	R 3/8	-	-	137	10	80
11022100	DN 15 1/2	67	51	20	32	G 1/2	-	R 1/2	-	-	170	10	80
11022700	DN 20 3/4	70	61	25	32	G 3/4	-	R 3/4	-	-	254	8	64

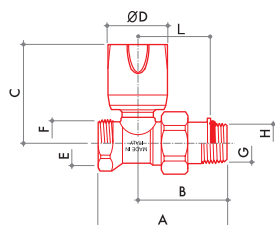
**DS 122**

Angle regulating lockshield.
Connection for iron pipe.

Fittings



CODE	SIZE	A	B	C	D	E	F	G	H	L			
11061700	DN 10 3/8	40	49	18	25	G 3/8	-	R 3/8	-	-	121	10	80
11062100	DN 15 1/2	42	51	20	25	G 1/2	-	R 1/2	-	-	154	10	80
11062700	DN 20 3/4	47	61	25	25	G 3/4	-	R 3/4	-	-	238	8	64

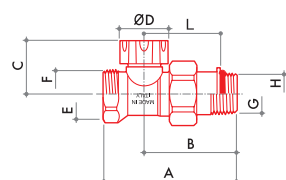
**RD 101**

Single adjustment straight radiator valve.
Connection for iron pipe.

Fittings



CODE	SIZE	A	B	C	D	E	F	G	H	L			
11221700	DN 10 3/8	65	45	53	32	G 3/8	-	R 3/8	-	-	142	10	80
11222100	DN 15 1/2	68	47	53	32	G 1/2	-	R 1/2	-	-	176	10	80
11222700	DN 20 3/4	80	56	55	32	G 3/4	-	R 3/4	-	-	265	8	64

**DD 121**

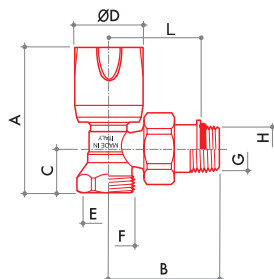
Straight regulating lockshield.
Connection for iron pipe.

Fittings



CODE	SIZE	A	B	C	D	E	F	G	H	L			
11261700	DN 10 3/8	65	45	28	25	G 3/8	-	R 3/8	-	-	132	10	80
11262100	DN 15 1/2	68	47	28	25	G 1/2	-	R 1/2	-	-	161	10	80
11262700	DN 20 3/4	80	56	29	25	G 3/4	-	R 3/4	-	-	248	8	64



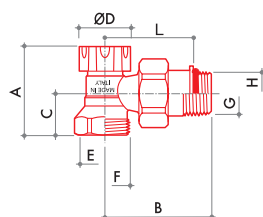
**RS 106**

Single adjustment angle radiator valve.
Connection for iron pipe.

Fittings



CODE	SIZE	A	B	C	D	E	F	G	H	L			
11022117	DN 10 3/8	65	46	18	32	G 3/8	-	-	G 3/8	36	143	10	80
11022103	DN 15 1/2	65	47	20	32	G 1/2	-	-	G 1/2	37	174	10	80
11022703	DN 20 3/4	70	58	25	32	G 3/4	-	-	G 3/4	46	257	8	64

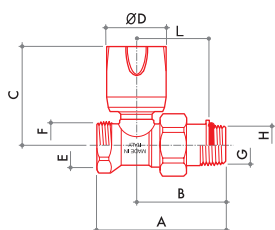
**DS 126**

Angle regulating lockshield.
Connection for iron pipe.

Fittings



CODE	SIZE	A	B	C	D	E	F	G	H	L			
11062117	DN 10 3/8	40	46	18	25	G 3/8	-	-	G 3/8	36	127	10	80
11062103	DN 15 1/2	42	47	20	25	G 1/2	-	-	G 1/2	37	158	10	80
11062703	DN 20 3/4	47	59	25	25	G 3/4	-	-	G 3/4	47	241	8	64

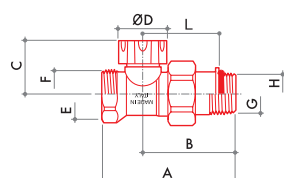
**RD 105**

Single adjustment straight radiator valve.
Connection for iron pipe.

Fittings



CODE	SIZE	A	B	C	D	E	F	G	H	L			
11222117	DN 10 3/8	62	42	53	32	G 3/8	-	-	G 3/8	32	148	10	80
11222103	DN 15 1/2	64	43	53	32	G 1/2	-	-	G 1/2	33	180	10	80
11222703	DN 20 3/4	77	53	55	32	G 3/4	-	-	G 3/4	41	268	8	64

**DD 125**

Straight regulating lockshield.
Connection for iron pipe.

Fittings



CODE	SIZE	A	B	C	D	E	F	G	H	L			
11262117	DN 10 3/8	62	42	28	25	G 3/8	-	-	G 3/8	32	138	10	80
11262103	DN 15 1/2	64	43	28	25	G 1/2	-	-	G 1/2	33	165	10	80
11262703	DN 20 3/4	78	54	29	35	G 3/4	-	-	G 3/4	42	251	8	64



Fittings for copper pipe



Fittings for plastic pipe



Fittings for multilayer pipe

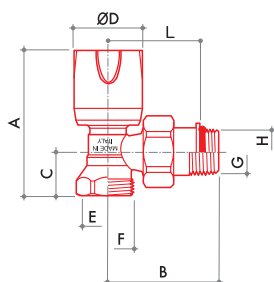


Fittings: chapter 7



Accessories: chapter 1.A

CONNECTION FOR COPPER AND PLASTIC PIPE W24X19

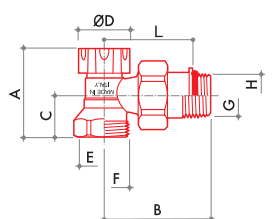
**RS 112**

Single adjustment angle radiator valve.
Connection for copper and plastic pipe.

Fittings



CODE	SIZE	A	B	C	D	E	F	G	H	L			
11121700	DN 10 3/8	67	49	20	32	-	W24x19	R 3/8	-	-	138	10	80
11122100	DN 15 1/2	66	51	20	32	-	W24x19	R 1/2	-	-	159	10	80

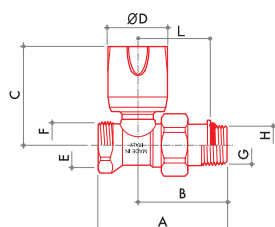
**DS 132**

Angle regulating lockshield.
Connection for copper and plastic pipe.

Fittings



CODE	SIZE	A	B	C	D	E	F	G	H	L			
11161700	DN 10 3/8	42	49	20	25	-	W24x19	R 3/8	-	-	122	10	80
11162100	DN 15 1/2	42	51	20	25	-	W24x19	R 1/2	-	-	143	10	80

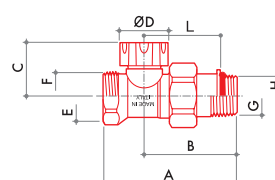
**RD 111**

Single adjustment straight radiator valve.
Connection for copper and plastic pipe.

Fittings



CODE	SIZE	A	B	C	D	E	F	G	H	L			
11321700	DN 10 3/8	65	45	53	32	-	W24x19	R 3/8	-	-	144	10	80
11322100	DN 15 1/2	68	47	53	32	-	W24x19	R 1/2	-	-	165	10	80

**DD 131**

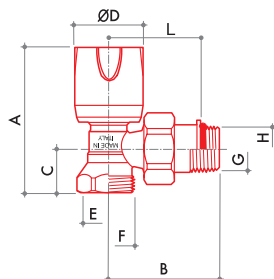
Straight regulating lockshield.
Connection for copper and plastic pipe.

Fittings



CODE	SIZE	A	B	C	D	E	F	G	H	L			
11361700	DN 10 3/8	65	45	28	25	-	W24x19	R 3/8	-	-	133	10	80
11362100	DN 15 1/2	68	47	27	25	-	W24x19	R 1/2	-	-	150	10	80



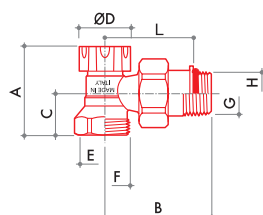
**RS 119**

Single adjustment angle radiator valve.
Connection for copper and plastic pipe.

Fittings



CODE	SIZE	A	B	C	D	E	F	G	H	L			
11122117	DN 10 3/8	67	46	20	32	-	W24x19	-	G 3/8	36	148	10	80
11122103	DN 15 1/2	66	47	20	32	-	W24x19	-	G 1/2	37	162	10	80

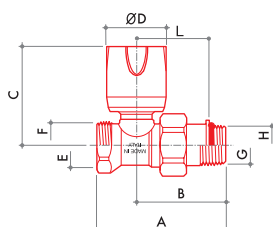
**DS 139**

Angle regulating lockshield.
Connection for copper and plastic pipe.

Fittings



CODE	SIZE	A	B	C	D	E	F	G	H	L			
11162117	DN 10 3/8	42	46	20	25	-	W24x19	-	G 3/8	36	132	10	80
11162103	DN 15 1/2	42	47	20	25	-	W24x19	-	G 1/2	37	145	10	80

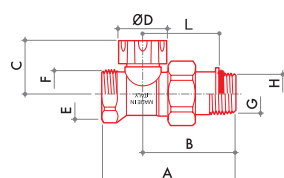
**RD 118**

Single adjustment straight radiator valve. Connection for copper and plastic pipe.

Fittings



CODE	SIZE	A	B	C	D	E	F	G	H	L			
11322117	DN 10 3/8	63	42	53	32	-	W24x19	-	G 3/8	32	152	10	80
11322103	DN 15 1/2	64	43	53	32	-	W24x19	-	G 1/2	33	171	10	80

**DD 138**

Straight regulating lockshield.
Connection for copper and plastic pipe.

Fittings



CODE	SIZE	A	B	C	D	E	F	G	H	L			
11362117	DN 10 3/8	63	42	28	25	-	W24x19	-	G 3/8	32	142	10	80
11362103	DN 15 1/2	64	43	27	25	-	W24x19	-	G 1/2	33	161	10	80



Fittings for copper pipe



Fittings for plastic pipe



Fittings for multilayer pipe

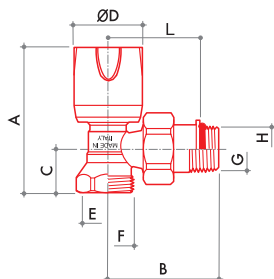


Fittings: chapter 7



Accessories: chapter 1.A

CONNECTION FOR COPPER AND PLASTIC PIPE G3/4 EUROKONUS



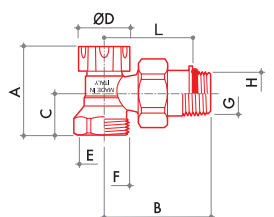
RS 112/A

Single adjustment angle radiator valve.
Connections eurokonus type.

Fittings



CODE	SIZE	A	B	C	D	E	F	G	H	L			
11122718	DN 10 3/8	65	49	20	32	-	G 3/4 EK	R 3/8	-	-	148	10	80
11122721	DN 15 1/2	66	51	20	32	-	G 3/4 EK	R 1/2	-	-	161	10	80



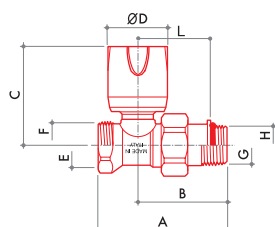
DS 132/A

Angle regulating lockshield.
Connections eurokonus type.

Fittings



CODE	SIZE	A	B	C	D	E	F	G	H	L			
11162718	DN 10 3/8	42	49	20	25	-	G 3/4 EK	R 3/8	-	-	130	10	80
11162721	DN 15 1/2	42	51	20	25	-	G 3/4 EK	R 1/2	-	-	144	10	80



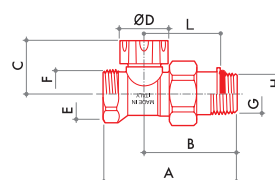
RD 111/A

Single adjustment straight radiator valve. Connections eurokonus type.

Fittings



CODE	SIZE	A	B	C	D	E	F	G	H	L			
11322719	DN 10 3/8	66	45	53	32	-	G 3/4 EK	R 3/8	-	-	149	10	80
11322722	DN 15 1/2	69	48	53	32	-	G 3/4 EK	R 1/2	-	-	170	10	80



DD 131/A

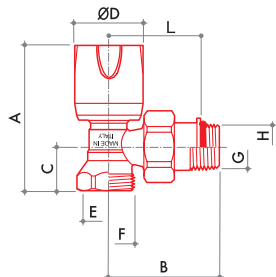
Straight regulating lockshield.
Connections eurokonus type.

Fittings



CODE	SIZE	A	B	C	D	E	F	G	H	L			
11362719	DN 10 3/8	66	45	28	25	-	G 3/4 EK	R 3/8	-	-	138	10	80
11362722	DN 15 1/2	69	48	28	25	-	G 3/4 EK	R 1/2	-	-	160	10	80



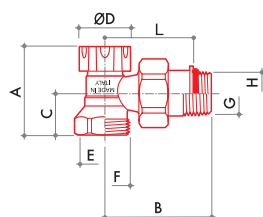
**RS 119/A**

Single adjustment angle radiator valve.
Connections eurokonus type.

Fittings



CODE	SIZE	A	B	C	D	E	F	G	H	L			
11122717	DN 10 3/8	66	46	20	32	-	G 3/4 EK	-	G 3/8	36	151	10	80
11122703	DN 15 1/2	66	47	20	32	-	G 3/4 EK	-	G 1/2	37	165	10	80

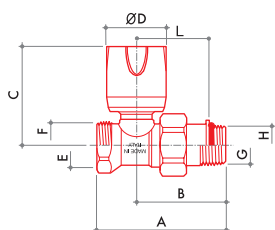
**DS 139/A**

Angle regulating lockshield.
Connections eurokonus type.

Fittings



CODE	SIZE	A	B	C	D	E	F	G	H	L			
11162717	DN 10 3/8	42	46	20	25	-	G 3/4 EK	-	G 3/8	36	135	10	80
11162703	DN 15 1/2	42	47	20	25	-	G 3/4 EK	-	G 1/2	37	148	10	80

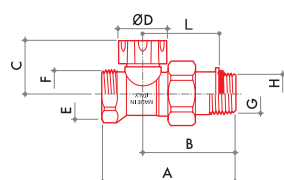
**RD 118/A**

Single adjustment straight radiator valve. Connections eurokonus type.

Fittings



CODE	SIZE	A	B	C	D	E	F	G	H	L			
11322717	DN 10 3/8	63	42	53	32	-	G 3/4 EK	-	G 3/8	32	155	10	80
11322703	DN 15 1/2	64	43	53	32	-	G 3/4 EK	-	G 1/2	33	174	10	80

**DD 138/A**

Straight lockshield regulating valve.
Connections eurokonus type.

Fittings



CODE	SIZE	A	B	C	D	E	F	G	H	L			
11362717	DN 10 3/8	63	42	28	25	-	G 3/4 EK	-	G 3/8	32	145	10	80
11362703	DN 15 1/2	64	43	27	25	-	G 3/4 EK	-	G 1/2	33	164	10	80



Fittings for copper pipe



Fittings for plastic pipe



Fittings for multilayer pipe

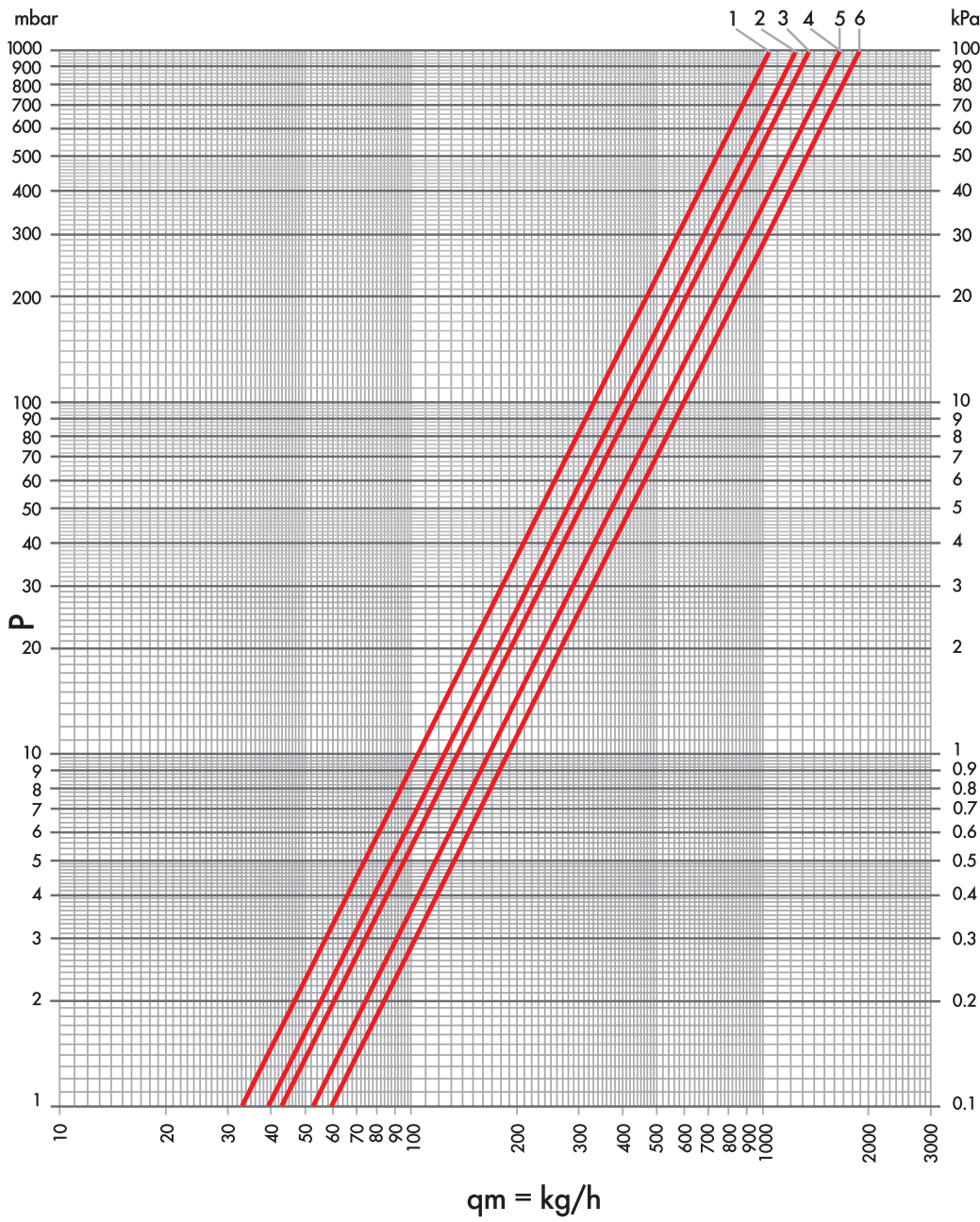


Fittings: chapter 7



Accessories: chapter 1.A

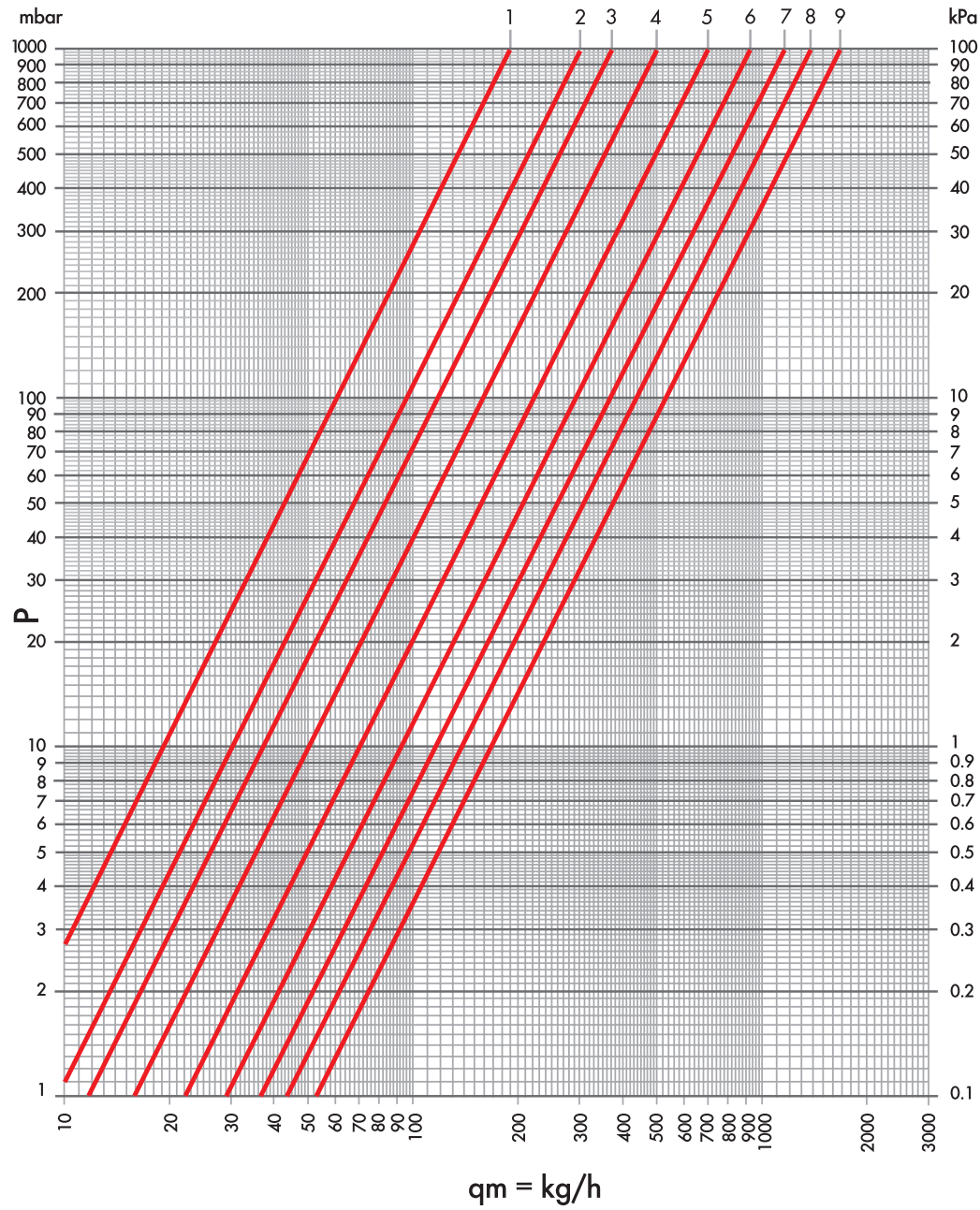
VALVES FLOW RATE CHART



ITEM	Kv	POS
RD 101 3/8 - RD 105 3/8 - RD 111 3/8 RD 118 3/8 - RD 118/A 3/8	1.05	1
RD 101 1/2 - RD 105 1/2 - RD 111 1/2 RD 111/A 1/2 - RD 118 1/2 - RD 118/A 1/2	1.25	2
RD 101 3/4 - RD 105 3/4	1.35	3
RS 102 3/8 - RS 106 3/8 - RS 112 3/8 RS 119 3/8 - RS 119/A 3/8	1.65	4
RS 102 1/2 - RS 106 1/2 - RS 112 1/2 RS 112/A 1/2 - RS 119 1/2 - RS 119/A 1/2	1.65	5
RS 102 3/4 - RS 106 3/4	1.90	6

LOCKSHIELD FLOW RATE CHART

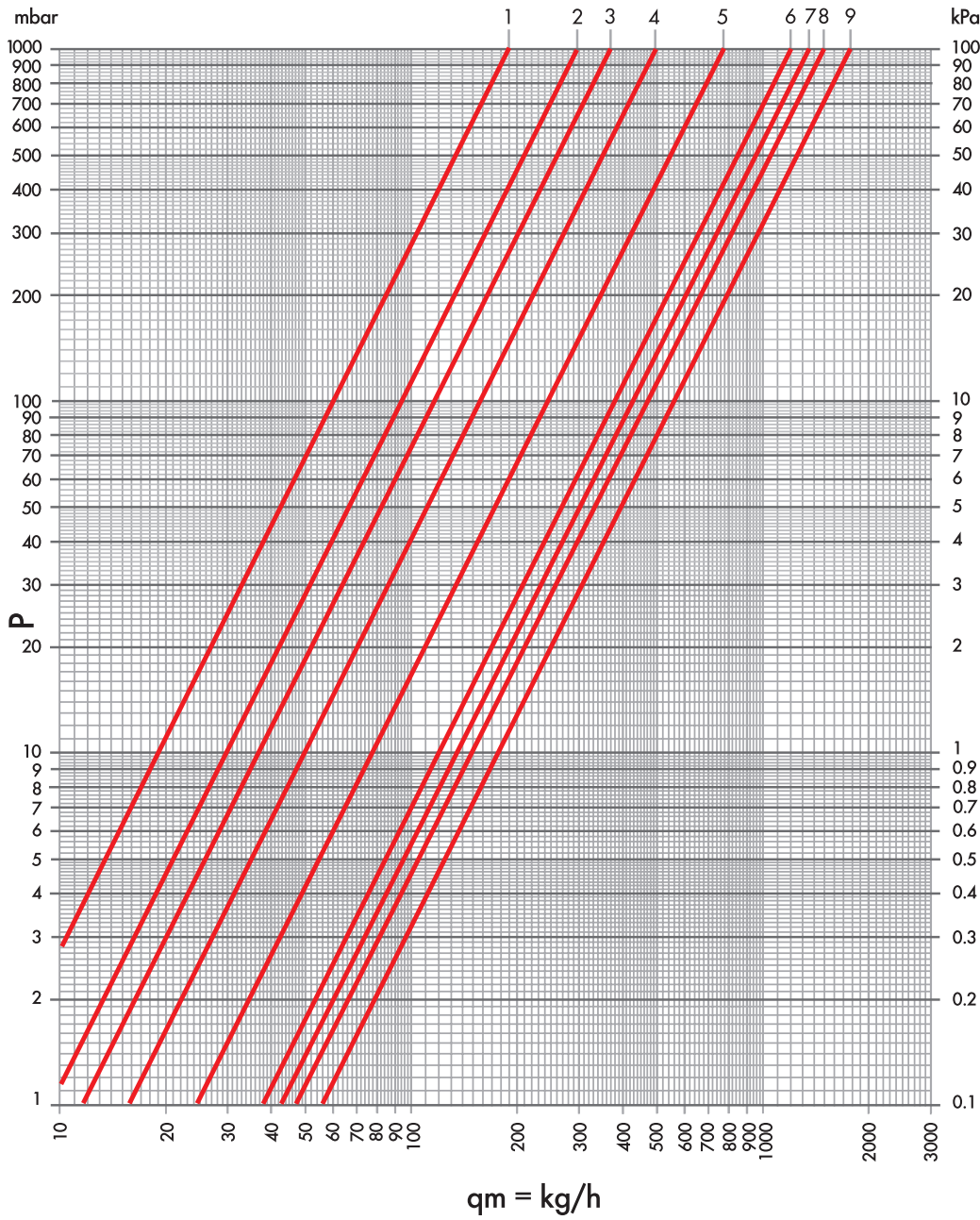
ANGLE LOCKSHIELD
DN 10 3/8 - DN 15 1/2



ITEM	TURNS N°	Kvs	POS
DS 122 DS 126 DS 132 DS 139 DS 132/A DS 139/A	1	0.19	1
	1+1/2	0.30	2
	2	0.37	3
	2+1/2	0.50	4
	3	0.69	5
	3+1/2	0.92	6
	4	1.14	7
	4+1/2	1.39	8
	all open	1.65	9

LOCKSHIELD FLOW RATE CHART

ANGLE LOCKSHIELD
DN 20 3/4

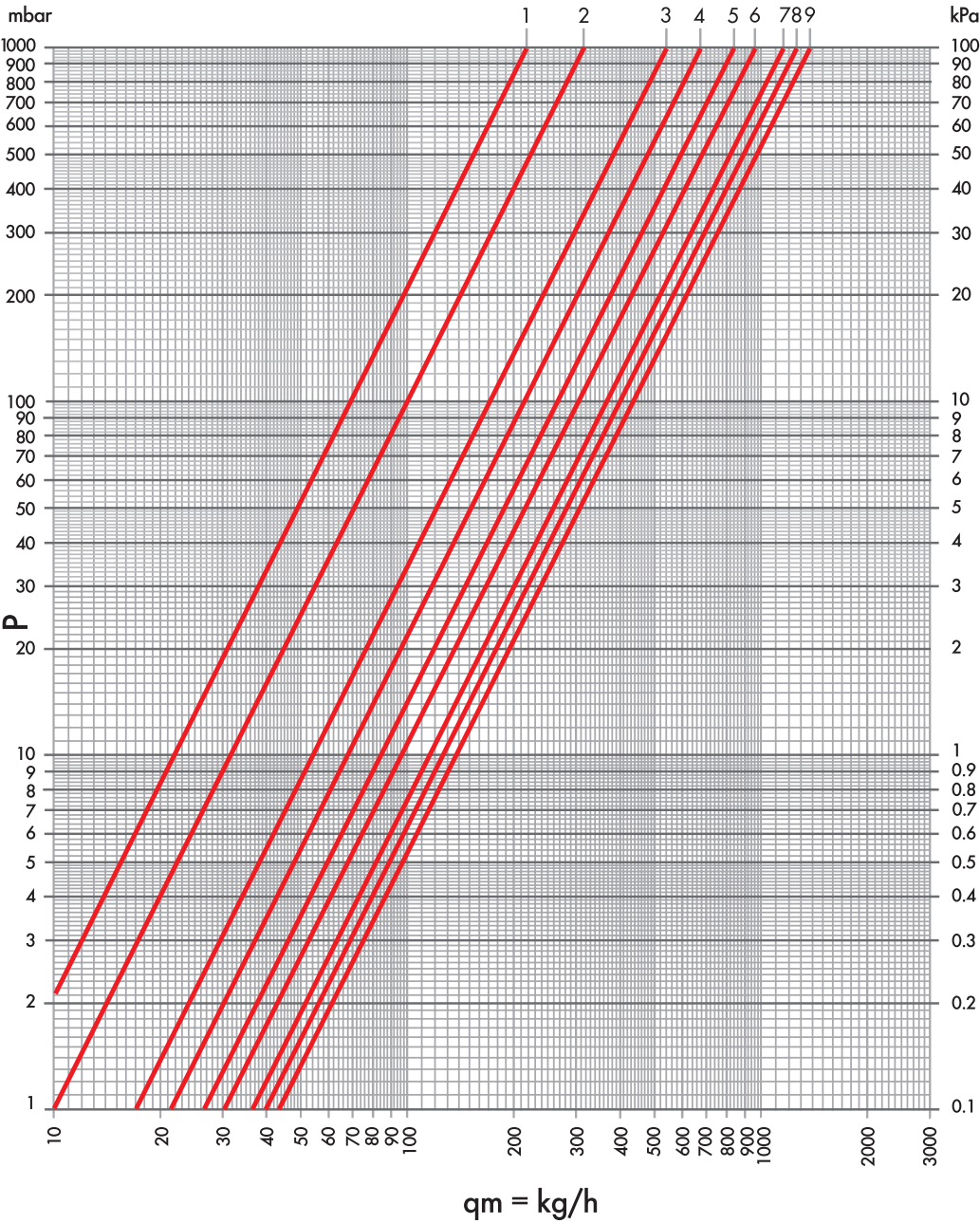


ITEM	TURN N°	Kvs	POS
DS 122 DS 126 DS 132 DS 139 DS 132/A DS 139/A	1	0.19	1
	1+1/2	0.30	2
	2	0.37	3
	2+1/2	0.50	4
	3	0.78	5
	3+1/2	1.19	6
	4	1.34	7
	4+1/2	1.50	8
	all open	1.75	9

LOCKSHIELD FLOW RATE CHART

STRAIGHT LOCKSHIELD

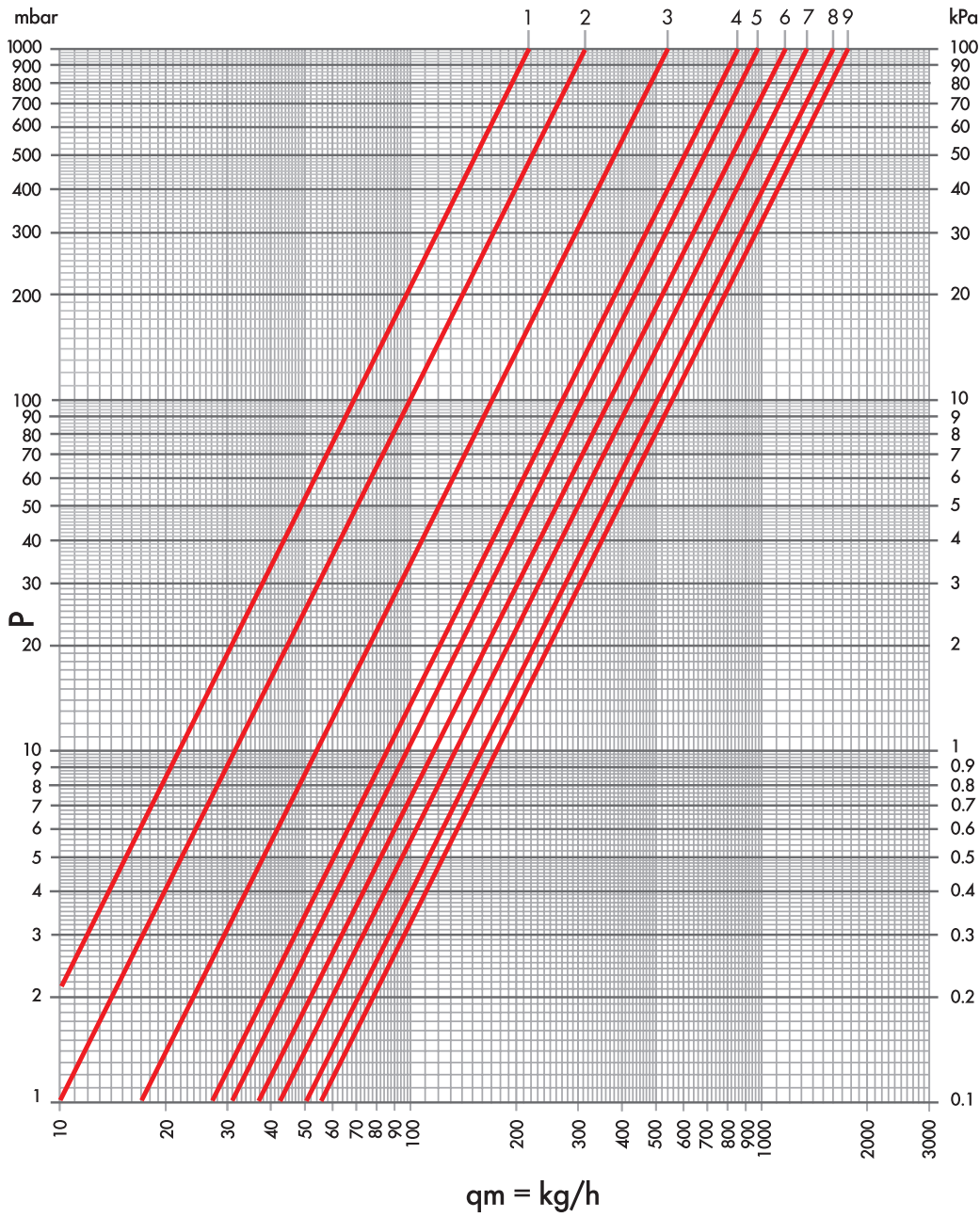
DN 10 3/8 - DN 15 1/2



ITEM	TURNS N°	Kvs	POS
DD 121 DD 125 DD 131 DD 138 DD 131/A DD 138/A	1	0.22	1
	1+1/2	0.32	2
	2	0.53	3
	2+1/2	0.68	4
	3	0.84	5
	3+1/2	0.97	6
	4	1.14	7
	4+1/2	1.25	8
	all open	1.34	9

LOCKSHIELD FLOW RATE CHART

STRAIGHT LOCKSHIELD
DN 20 3/4



ITEM	TURNS N°	Kvs	POS
DD 121 DD 125 DD 131 DD 138 DD 131/A DD 138/A	1	0.22	1
	1+1/2	0.32	2
	2	0.54	3
	2+1/2	0.85	4
	3	0.97	5
	3+1/2	1.19	6
	4	1.34	7
	4+1/2	1.60	8
	all open	1.75	9