

КОРПУСЫ ДЛЯ СИСТЕМ РАСПРЕДЕЛЕНИЯ И АВТОМАТИЗАЦИИ





— IP55).





1.		4
2.		6
3.		8
	MPS	8
	SPS (-)	9
	MPV	10
	MPD	11
		12
4.		14
	M M	14
	S M (-)	15
5.		16
	MPP	16
6.		18
		19
		22
		23
7.		25
		49
8.		51
9.		75
		75
		78
		81
		81

19”-

PROBENTO



1.



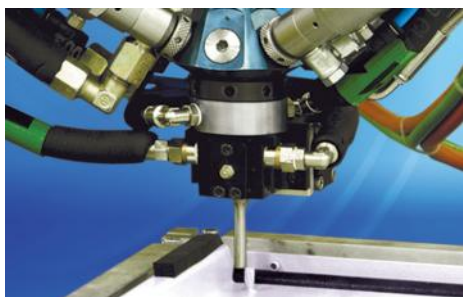
2.



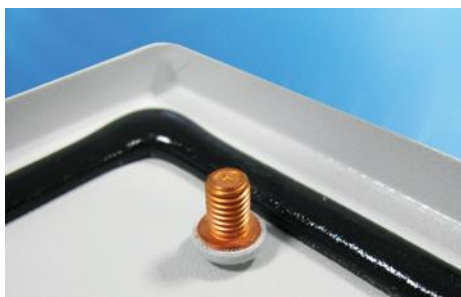
3.



4.



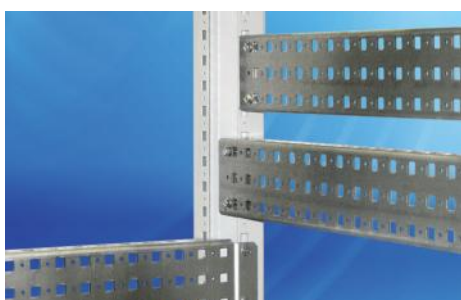
5.



6.



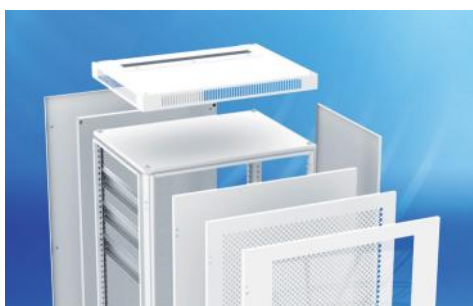
7.



8.



9.



10.

1. 2
2. 25
3. 225°
4. 4-
5. -40 +70 °C.
6. 25
7. 25
8. 25
9. 25
10. 25



■ MPS



■ SPS



■ MPV

		400		600				800			
1800	400			MPS				MPS			
	500	MPS		MPS	SPS	MPV		MPS	SPS	MPV	
	600	MPS		MPS		MPV		MPS		MPV	
	1000						MPP				MPP
2000	400			MPS				MPS			
	500	MPS		MPS				MPS			
	600	MPS		MPS	SPS	MPV		MPS	SPS	MPV	
	800			MPS		MPV		MPS		MPV	
	1000						MPP				MPP
2200	600			MPS		MPV		MPS		MPV	
	800			MPS		MPV		MPS		MPV	
	1000						MPP				MPP

	MPS	SPS	MPV	MPD	MPP
	IP55	IP55	IP55	IP55	IP20
	IK10	IK10	IK08	IK10	IK08
	2,0 , - RAL 7035	1,5 , -	2,0 , - RAL 7035	2,0 , - RAL 7035	2,0 , - RAL 7035
()	2,0 , - RAL 7035	1,5 , -	2,0 , - RAL 7035	2,0 , - RAL 7035	2,0 , - RAL 7035
,	1,5 , - RAL 7035	1,5 , -	1,5 , - RAL 7035	1,5 , - RAL 7035	1,5 , - RAL 7035
	1,5 , - RAL 7035	1,5 , -	1,5 , - RAL 7035	1,5 , - RAL 7035	1,5 , - RAL 7035
	2,5 ,	2,5 ,		2,5 ,	-
19"		-		-	2,0 ,
		-			



■ MPD



■ MPP



■

		1000		1200	
1800	400	MPD		MPD	
	500			MPD	
	600			MPD	
2000	400	MPD			
	500	MPD		MPD	
	600	MPD		MPD	
	800			MPD	
2200	600			MPD	
	800				



■ MKM

		600		800	
1600	600	MKM	SKM	MKM	SKM

	MKM	SKM
IP55	IP55	IP55
IK10(08)	IK08	IK08
2,0 , - RAL 7035	2,0 , - RAL 7035	1,5 -
2,0 , - RAL 7035	2,0 , - RAL 7035	1,5 , -
1,5 , - RAL 7035	1,5 , - RAL 7035	1,5 , -
1,5 , - RAL 7035	1,5 , - RAL 7035	1,5 , -
	-	-
	-	-
		-



■ SKM



IP55, IK10

•

$$\begin{array}{l} \vdots \\ \vdots \end{array} \quad , \quad . \quad . \quad 25 - 50$$

	°	°	°	°
MPS 180.40.50	1800	400	500	48,7
MPS 180.40.60			600	51,7
MPS 180.60.40		600	400	81,5
MPS 180.60.50			500	92,6
MPS 180.60.60			600	105,3
MPS 180.80.40		800	400	102,0
MPS 180.80.50			500	105,7
MPS 180.80.60			600	108,7
MPS 200.40.50	2000	400	500	54,2
MPS 200.40.60			600	55,0
MPS 200.60.40		600	400	94,2
MPS 200.60.50			500	98,3
MPS 200.60.60			600	101,3
MPS 200.60.80		800	800	106,9
MPS 200.80.40			400	118,6
MPS 200.80.50			500	123,1
MPS 200.80.60			600	125,7
MPS 200.80.80		800	133,0	
MPS 220.60.60	2200	600	600	107,9
MPS 220.60.80		800	800	114,1
MPS 220.80.60		600	600	135,2
MPS 220.80.80		800	800	141,1

SP 180.50	9,8
SP 180.60	11,8
SP 180.40	7,8
SP 180.50	9,8
SP 180.60	11,8
SP 180.40	7,8
SP 180.50	9,8
SP 180.60	11,8
SP 200.50	10,9
SP 200.60	13,1
SP 200.40	8,7
SP 200.50	10,9
SP 200.60	13,1
SP 200.80	17,5
SP 200.40	8,7
SP 200.50	10,9
SP 200.60	13,1
SP 200.80	17,5
SP 220.60	14,4
SP 220.80	19,2
SP 220.60	14,4
SP 220.80	19,2

!



IP55, IK10

AISI304 1,5

2,5

225°

25 – 50

56

SPS 180.60.50	1800	600	500	78,0	SP 180.50 S	10,6
SPS 180.80.50		800		90,2		
SPS 200.60.60	2000	600	600	85,2	SP 200.60 S	14,2
SPS 200.80.60		800		106,3		

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SPS –

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IP55, IK08

RAL 7035

225°

25 – 50

57

MPV 180.60.50	1800	600	500	66,8
MPV 180.60.60			600	69,4
MPV 180.80.50		800	500	78,3
MPV 180.80.60			600	81,8
MPV 200.60.60	2000	600	600	73,7
MPV 200.60.80			800	80,6
MPV 200.80.60		800	600	87,0
MPV 200.80.80			800	93,4
MPV 220.60.60	2200	600	600	82,2
MPV 220.60.80		800	800	88,1
MPV 220.80.60		600	600	107,8
MPV 220.80.80		800	800	114,5

SP 180.50	9,8
SP 180.60	11,8
SP 180.50	9,8
SP 180.60	11,8
SP 200.60	13,1
SP 200.80	17,5
SP 200.60	13,1
SP 200.80	17,5
SP 220.60	14,4
SP 220.80	19,2
SP 220.60	14,4
SP 220.80	19,2

!



IP55, IK10

2,0

1,5

2,5

RAL 7035

225°

25 – 50

58

MPD 180.100.40	1800	1000	400	132,0
MPD 180.120.40			400	152,7
MPD 180.120.50		1200	500	157,1
MPD 180.120.60			600	161,5
MPD 200.100.40	2000	1000	400	143,4
MPD 200.100.50			500	147,4
MPD 200.100.60			600	151,6
MPD 200.120.50		1200	500	170,4
MPD 200.120.60			600	174,7
MPD 200.120.80			800	183,6
MPD 220.120.60	2200	1200	600	188,8

SP 180.40	7,8
SP 180.50	9,8
SP 180.60	11,8
SP 200.40	8,7
SP 200.50	10,9
SP 200.60	13,1
SP 200.50	10,9
SP 200.60	13,1
SP 200.80	17,5
SP 220.60	14,4

!

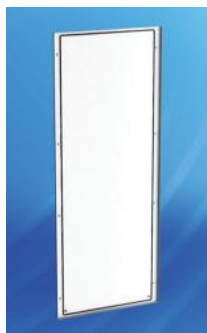
IP55, IK10(08)

225°



1800	400	500	MF 180.40.50	27,2	—	—	D 180.40	16,1	D 180.40 V	12,5	
		600	MF 180.40.60	28,9	—	—					
	600	400	MF 180.60.40	28,9	MF 180.60.40 D	29,3	D 180.60	21,9	D 180.60 V	18,1	
		500	MF 180.60.50	31,1	—	—					
		600	MF 180.60.60	33,4	MF 180.60.60 D	33,8					
		800	MF 180.60.80	37,8	MF 180.60.80 D	38,2					
		1000	MF 180.60.100	41,8	MF 180.60.100 D	42,2					
	800	400	MF 180.80.40	32,6	MF 180.80.40 D	33,0	D 180.80	27,7	D 180.80 V	21,7	
		500	MF 180.80.50	35,1	—	—					
		600	MF 180.80.60	37,9	MF 180.80.60 D	38,3					
		800	MF 180.80.80	43,1	MF 180.80.80 D	43,5					
		1000	MF 180.80.100	47,8	MF 180.80.100 D	48,2					
	1000	400	MF 180.100.40	37,0	—	—	D 180.100 D	38,0	—	—	
	1200	400	MF 180.120.40	40,7	MF 180.120.40 D	41,4	D 180.120 D	43,9	—	—	
		500	MF 180.120.50	44,3	—	—					
		600	MF 180.120.60	47,9	—	—					
2000	400	500	MF 200.40.50	28,9	—	—	D 200.40	17,5	D 200.40 V	12,9	
		600	MF 200.40.60	30,6	—	—					
	600	400	MF 200.60.40	30,6	MF 200.60.40 D	31,0	D 200.60	24,0	D 200.60 V	19,4	
		500	MF 200.60.50	32,8	—	—					
		600	MF 200.60.60	35,1	MF 200.60.60 D	35,5					
		800	MF 200.60.80	39,5	MF 200.60.80 D	39,9					
		1000	MF 200.60.100	43,5	MF 200.60.100 D	43,9					
	800	400	MF 200.80.40	34,3	MF 200.80.40 D	34,7	D 200.80	30,4	D 200.80 V	23,8	
		500	MF 200.80.50	36,8	—	—					
		600	MF 200.80.60	39,7	MF 200.80.60 D	40,1					
		800	MF 200.80.80	44,8	MF 200.80.80 D	45,2					
		1000	MF 200.80.100	49,5	MF 200.80.100 D	49,9					
	1000	400	MF 200.100.40	38,7	—	—	D 200.100 D	41,6	—	—	
		500	MF 200.100.50	41,9	—	—					
		600	MF 200.100.60	45,4	—	—					
		500	MF 200.120.50	46,0	—	—		D 200.120 D	48,2	—	—
		600	MF 200.120.60	49,6	—	—					
	800	MF 200.120.80	57,0	—	—						
2200	600	600	MF 220.60.60	36,8	MF 220.60.60 D	37,2	D 220.60	26,0	D 220.60 V	21,0	
		800	MF 220.60.80	41,2	MF 220.60.80 D	41,6					
		1000	MF 220.60.100	45,2	MF 220.60.100 D	45,6					
	800	600	MF 220.80.60	41,3	MF 220.80.60 D	41,7	D 220.80	32,2	D 220.80 V	26,5	
		800	MF 220.80.80	46,5	MF 220.80.80 D	46,9					
		1000	MF 220.80.100	51,2	MF 220.80.100 D	51,6					
	1200	600	MF 220.120.60	52,2	—	—	D 220.120 D	52,7	—	—	

!



	2019	2018
—	—	—
D 180.60 P	12,2	—
D 180.80 P	15,5	—
—	—	—
—	—	—
—	—	—
D 200.60 P	13,4	—
D 200.80 P	17,0	—
—	—	—
—	—	—
D 220.60 P	14,5	—
D 220.80 P	18,0	—
—	—	—

BP 180.40	8,4
BP 180.60	12,4
BP 180.80	16,3
BP 180.100	20,5
BP 180.120	24,5
BP 200.40	9,3
BP 200.60	13,7
BP 200.80	18,0
BP 200.100	22,7
BP 200.120	27,1
BP 220.60	15,0
BP 220.80	19,9
BP 220.120	29,8

	*
SP 180.50	9,8
SP 180.60	11,8
SP 180.40	7,8
SP 180.50	9,8
SP 180.60	11,8
SP 180.80	15,6
SP 180.100	19,6
SP 180.40	7,8
SP 180.50	9,8
SP 180.60	11,8
SP 180.80	15,6
SP 180.100	19,6
SP 180.40	7,8
SP 180.40	7,8
SP 180.50	9,8
SP 180.60	11,8
SP 200.50	10,9
SP 200.60	13,1
SP 200.40	8,7
SP 200.50	10,9
SP 200.60	13,1
SP 200.80	17,5
SP 200.100	21,8
SP 200.40	8,7
SP 200.50	10,9
SP 200.60	13,1
SP 200.80	17,5
SP 200.100	21,8
SP 200.40	8,7
SP 200.50	10,9
SP 200.60	13,1
SP 200.50	10,9
SP 200.60	13,1
SP 200.80	17,5
SP 220.60	14,4
SP 220.80	19,2
SP 220.100	23,9
SP 220.60	14,4
SP 220.80	19,2
SP 220.100	23,9
SP 220.60	14,4

	+
—	—
MP 180.60	19,5
MP 180.80	26,6
MP 180.100	33,7
MP 180.120	40,8
—	—
MP 200.60	21,7
MP 200.80	29,6
MP 200.100	37,5
MP 200.120	45,4
MP 220.60	23,9
MP 220.80	32,6
MP 220.120	49,9

—	—
MP 180.60 P	19,4
MP 180.80 P	26,5
MP 180.100 P	33,6
MP 180.120 P	40,7
—	—
MP 200.60 P	21,6
MP 200.80 P	29,5
MP 200.100 P	37,4
MP 200.120 P	45,3
MP 220.60 P	23,8
MP 220.80 P	32,5
MP 220.120 P	49,8

[illegible]



IP55, IK08
RAL 7035
2,0
1,5
225°
25 – 50
59

MKM 160.60.60	1600	600	600	92,9
MKM 160.60.80			800	109,2



IP55, IK10
AISI 304 1,5
RAL 7035
225°
25 – 50
59

*				
SKM 160.60.60	1600	600	600	74,7
SKM 160.60.80			800	88,2

* —

SKM –





IP20, IK08

1000 ()

2,0

1,5

2,0

RAL 7035

225°

19",

25 – 50

60

MPP 180.60.100	1800	600	1000	93,0
MPP 180.80.100		800		100,5
MPP 200.60.100	2000	600		111,6
MPP 200.80.100		800		119,3
MPP 220.60.100	2200	600		122,3
MPP 220.80.100		800		129,0

SP 180.100	19,6
SP 200.100	21,7
SP 220.100	23,9

!



SPARE

THIS DEVICE IS SUITABLE FOR CONTINUOUS SERVICE
AT 100% OF FRAME RATING & 100% OF RATED CURRENT
WITH THE FOLLOWING DIMENSIONS (IN MILLIMETERS)
WIDTH 40 HEIGHT 100 DEPTH 100

OPEN

TO CHARGE SPRING
MANUALLY

1. RAISE HANDLE
TO ENGAGE
2. PUSH IN
TO STOP
3. ROTATE CLOCKWISE
TO STOP



TYPE	100A
POLES	1
AC/DC	AC
FRAME SIZE	100A
TRIP	100A
ACTUAL	100A
REL.	100A
SENSITIVITY	100A
SETPOINT	100A

TRIP

100A 100A 100A

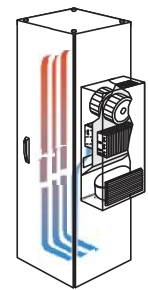
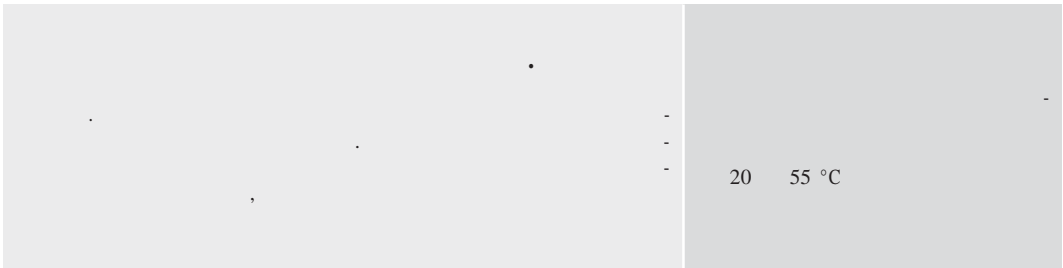
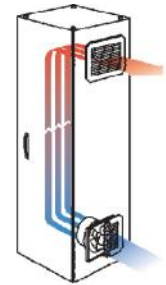
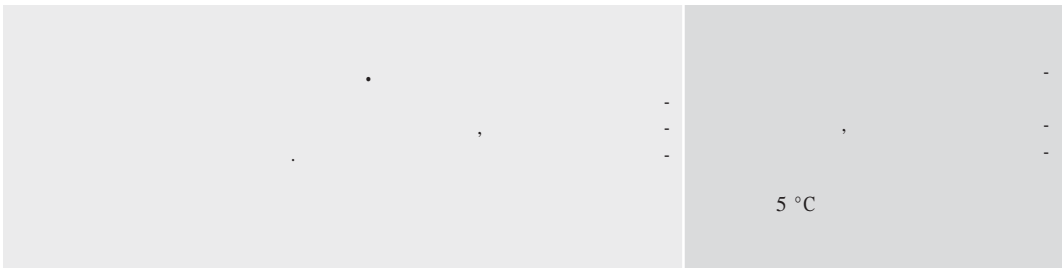
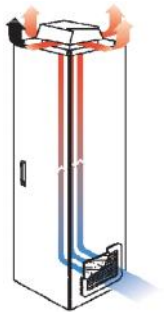
CLOSE

TRIP

CHARGING
NOTICE
CUT-OFF
SWITCH

Schneider Electric
100A 100A 100A
100A 100A 100A

. , , -
 : 10 45 °C 30 90 %. -
 , ,





IP

230 / 50 / IP54

RAL 7035 -10 +50 °C

23

51

	3/			
FPF08KU230B-110	23	40	10	70
FPF12KU230BE-110	57	43	20	125
FPF13KU230BE-110	120	41	22	160
FPF15KU230BE-110	240	50	29	126
FPF20KU230BE-120	520	60	67	300

	3/				
FPF08KUG-100	17	—	—	—	—
FPF12KUG-100	21	44	—	—	—
FPF13KUG-100	—	50	95	—	—
FPF15KUG-100	—	—	115	190	—
FPF20KUG-100	—	—	—	215	415
	FPF08KU230B-110	FPF12KU230BE-110	FPF13KU230BE-110	FPF15KU230BE-110	FPF20KU230BE-120

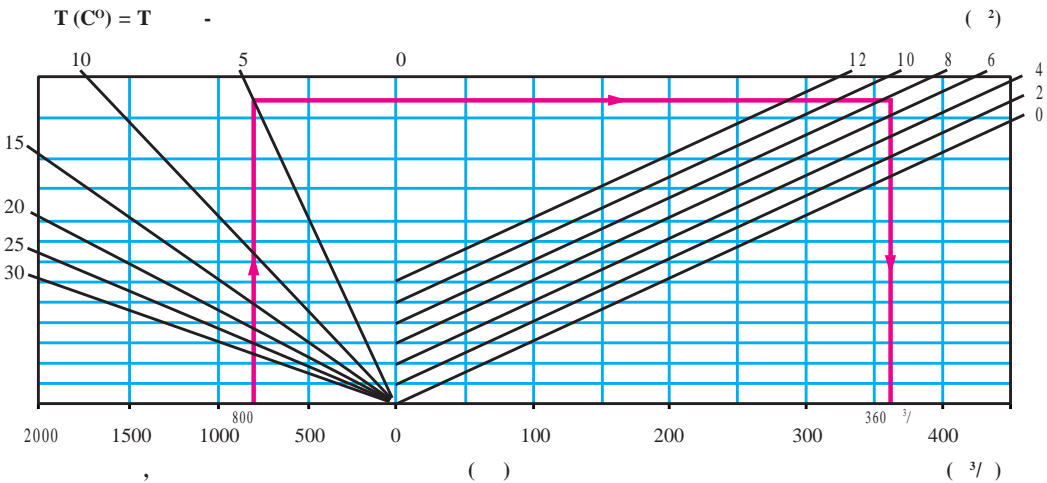




Рис. 51

Материал	Цвет	Размеры, мм		Вес, кг
		Длина	Ширина	
PV 12.20	RAL 7035	120	200	1
PV 22.20	RAL 7035	220	200	1



Рис. 52

Модель	Размеры (М x N), мм	Вес, кг
PV 60.60 PK	600 600	1,8
PV 60.80 PK	600 800	2,7
PV 60.100 PK	600 1000	3,7
PV 80.60 PK	800 600	2,5
PV 80.80 PK	800 800	3,7
PV 80.100 PK	800 1000	5,1



RV

230 / 50 / : : IP23
 :
 1,5 -10 +50 °C :
 :
 RAL 7035
 : , . . 23
 : . . 53

	3/	-	-	-	-
RV 40.30	—	—	—	—	4,2
RV 40.30 - T22U	800	1	158	690	6,3



FC

FA 12.230 I
 230 / 50 / : : IP20
 :
 1,2 -1,5 -10 +50 °C :
 : 2 ,
 RAL 7035 , 2,5 ,
 : 2 .
 : , . . 23
 :
 . . 54

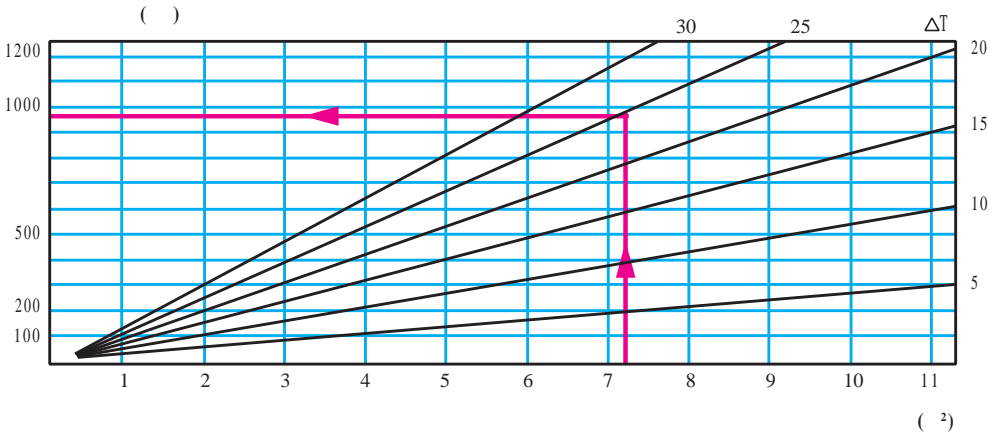
	3/	-	-	-	-	-
FC 02.230 P	330	2	4	44	320	5,3
FC 02.230 PD	330	2	6	44	320	7,2



:
 , . 23
 :
 . 53

	23 ,	, ()	,	
RACP-15	15	230 (50)	65	–
RACP-30	30	230 (50)	130	–
RAC-45	45	230 (50)	190	–
RAC-80	80	230 (50)	370	–
RAC-150	150	230 (50)	640	–
RACMV-250	250	230 (50)	1160	
RACMV-400	400	230 (50)	1900	

:
 : 10



:
 ,

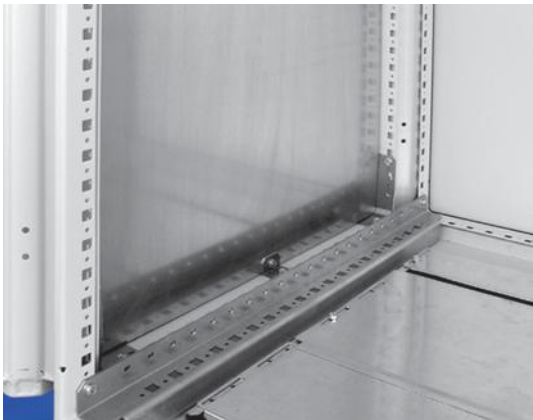


	°C		(230 V)
TRT-10A230V-NC	-10... +80		6
TRT-10A230V-NO	-10... +80		6



	%		(230 V)
IGR-5A230V-01	35... 100	/	5



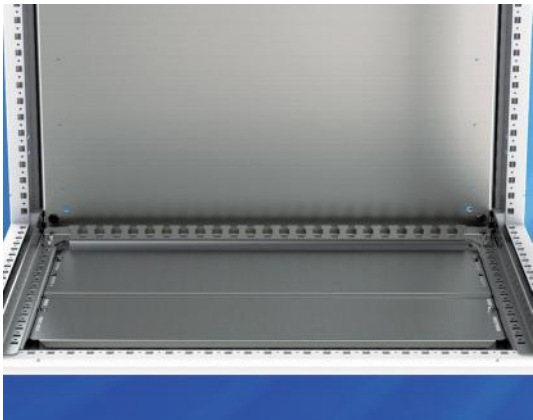


IP20.

1,0

62

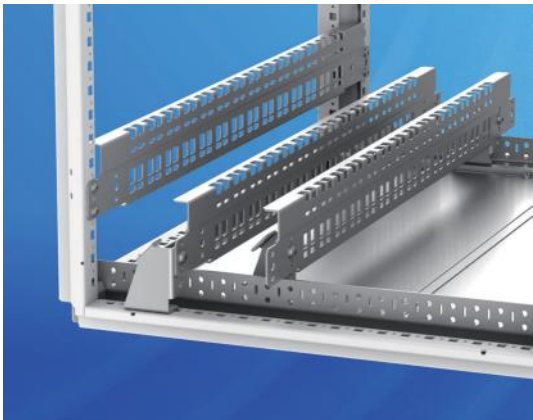
SP 180.40 N	1800	400	4,2	1
SP 180.50 N		500	5,6	1
SP 180.60 N		600	7,0	1
SP 200.40 N	2000	400	4,7	1
SP 200.50 N		500	6,2	1
SP 200.60 N		600	7,8	1
SP 200.80 N		800	10,8	1
SP 220.60 N	2200	600	8,5	1
SP 220.80 N		800	11,9	1



25

2,5

MG 40	400	1
MG 60	600	1
MG 80	800	1
MG 100	1000	1



25

:

2,0

:

64

MG 60 EMC	600	18	1
MG 80 EMC	800	28	1



:

CL 12	6 – 12	25
CL 18	12 – 18	25
CL 22	18 – 22	25
CL 30	22 – 30	25
CL 42	30 – 42	25

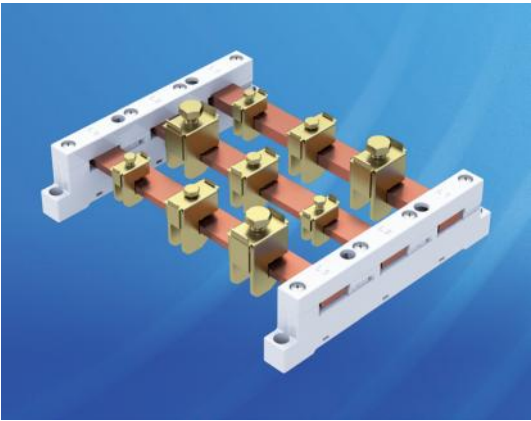


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CL 10 EMC	3 – 10	10
CL 15 EMC	4 – 15	10
CL 20 EMC	10 – 20	10
CL 28 EMC	15 – 28	10



CK 05.04	4 – 5	1 – 4	15
CK 05.16	4 – 5	2,5 – 16	15
CK 05.50	4 – 5	16 – 50	15
CK 05.70	4 – 5	35 – 70	15
CK 05.185	4 – 5	70 – 185	15
CK 10.04	9 – 10	1 – 4	15
CK 10.16	9 – 10	2,5 – 16	15
CK 10.50	9 – 10	16 – 50	15
CK 10.70	9 – 10	35 – 70	15
CK 10.185	9 – 10	70 – 185	15



BI3 U	3	60	2



BI45	10	45	6
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PK 32.08 P	1000	3	2
PK 42.08 P	600 1200	5	2
PK 62.08 P	800	8	2



GK 13.8	13	8	25
GK 21.3	21	3	25
GK 47.1	47	1	25

, ,								
	600	,	800	,	600	,	800	,
200	D 20.60 M	2,6	D 20.80 M	3,3	–	–	–	–
400	D 40.60 M	4,5	D 40.80 M	5,8	D 40.60 MV	4,8	D 40.80 MV	4,8
600	D 60.60 M	6,4	D 60.80 M	8,3	D 60.60 MV	5,7	D 60.80 MV	7,3
800	D 80.60 M	8,3	D 80.80 M	10,8	D 80.60 MV	7,3	D 80.80 MV	9,2
1000	D 100.60 M	10,2	D 100.80 M	13,4	–	–	–	–

, ,								
	600	,	800	,	600	,	800	,
200	DP 20.60	1,6	DP 20.80	2,1	–	–	–	–
400	DP 40.60	2,9	DP 40.80	3,8	DP 40.60 V	3,1	DP 40.80 V	4,0
600	DP 60.60	4,6	DP 60.80	5,6	DP 60.60 V	4,4	DP 60.80 V	5,8
800	DP 80.60	5,6	DP 80.80	7,3	DP 80.60 V	5,6	DP 80.80 V	7,6
1000	DP 100.60	6,9	DP 100.80	9,1	–	–	–	–



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 RAL 7035
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 . . 61

600	800	
GB 60	GB 80	1



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 2,0 : , 4
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 . . 63

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	400	600	800	1000	1200	400	500	600	800					
450 x 150	—		—	—	—	—	—		—	MP 45.15 M	1,4	—	—	1 .
450 250			—	—	—		—		—	MP 45.25 M	2,2	MP 45.25 MP	1,8	1 .
450 350	—		—	—	—	—			—	MP 45.35 M	3,0	MP 45.35 MP	2,7	1 .
450 550	—		—	—	—	—	—		—	MP 45.55 M	4,6	MP 45.55 MP	4,2	1 .
650 150	—	—		—	—	—	—	—		MP 65.15 M	2,0	—	—	1 .
650 250		—		—	—		—	—		MP 65.25 M	3,1	MP 65.25 MP	2,9	1 .
650 350	—	—		—	—	—		—		MP 65.35 M	4,2	MP 65.35 MP	3,9	1 .
650 450	—			—	—	—	—			MP 65.45 M	5,3	MP 65.45 MP	4,8	1 .
650 550	—	—		—	—	—	—	—		MP 65.55 M	6,4	MP 65.55 MP	5,9	1 .
850 350	—	—	—		—	—		—	—	MP 85.35 M	5,4	—	—	1 .
850 450	—	—	—		—	—	—		—	MP 85.45 M	6,9	—	—	1 .
1050 350	—	—	—	—		—			—	MP 105.35 M	6,6	—	—	1 .
1050 450	—	—	—	—		—	—		—	MP 105.45 M	8,4	—	—	1 .

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9,5

25



: 1,5
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 RAL 7035
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 . 62

600	800		
DP 10.60	DP 10.80	100	1



25
 : 1,5
 :
 RAL 7035
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 . 65

ID 180.80	1800	800	17,7	1
ID 200.60	2000	600	15,5	1
ID 200.80		800	19,7	1
ID 220.60	2200	600	17,0	1
ID 220.80		800	21,6	1



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 2,0
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SD	1

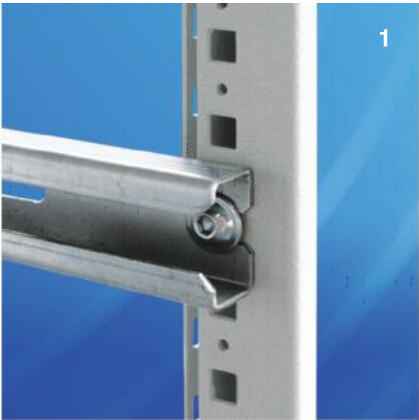


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 RAL 7035
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DP 40 M	400
DP 50 M	500
DP 60 M	600
DP 80 M	800



30	
:	1,5
:	, 2
:	, 2
:	
RAL 7035	. . 66
SH 60 D	600
SH 80 D	800

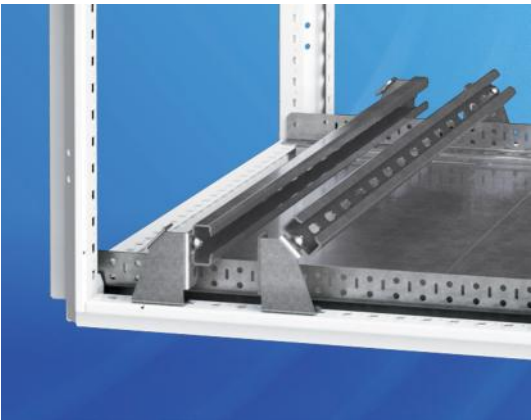


:	:
2,0	
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. . 69	

1			
MG 40.04 C	400	38 18	6
MG 50.04 C	500		6
MG 60.04 C	600		6
MG 80.04 C	800		6
MG 100.04 C	1000		6
MG 120.04 C	1200		6

2			
MG 40.04 CL	400	38 18	4
MG 50.04 CL	500		4
MG 60.04 CL	600		4
MG 80.04 CL	800		4
MG 100.04 CL	1000		4

! (. . 34)



45° 90°

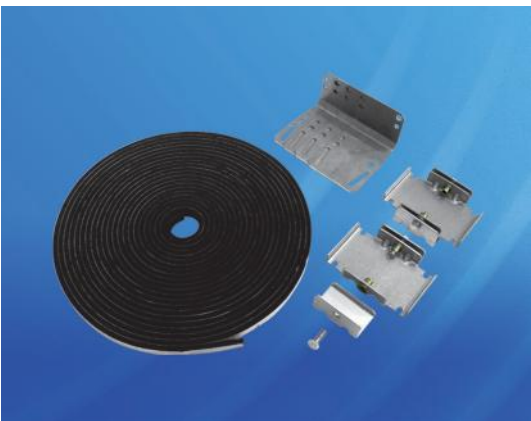
2,5 : 2 :

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8 MG	6



8 , , :

	-
IK 08 MG	20



2,5 : 4 , 2 :

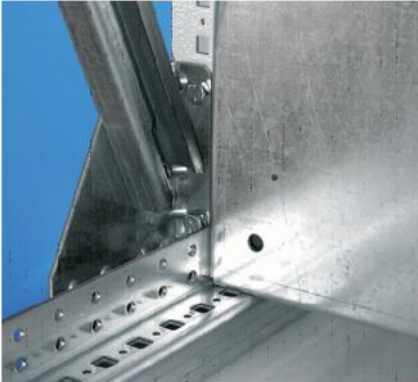
. . 66 :

	-
IK 01	1



2,5 : . 69 :

6 MP	10



200.80.60 MPS
 ZA 80.60 EQ
 :
 2,0 – 2,5
 :
 2 , 2
 , 4 , 2
 , 8 , 2 ,
 2

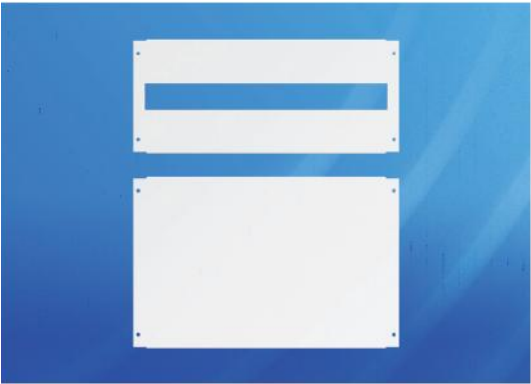
IK 01 EQ	22	1



2 DIN-
 : 2,0 :
 :
 RAL 7035 , 2 , 2 , 2 ,
 2 ,
 2
 :
 . 68 :

	600	,	800	,	600	,	800	,
1800	MC 180.60	6,8	MC 180.80	7,9	MC 180.60 R	8,5	MC 180.80 R	10,0
2000	MC 200.60	7,5	MC 200.80	8,4	MC 200.60 R	9,1	MC 200.80 R	10,6

! , DIN- (. 37)



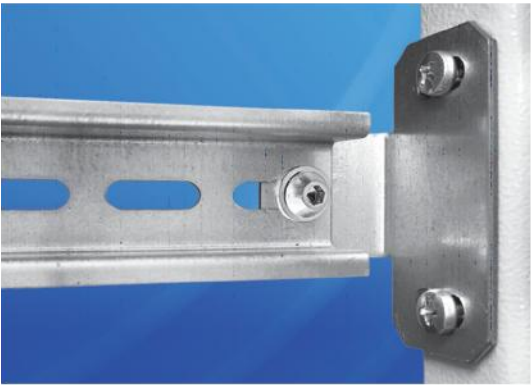
1,2

RAL 7035

67

	600	800	600	800
50	MB 05.50	MB 05.70	—	—
150	MB 15.50	MB 15.70	MB 15.50 P	MB 15.70 P
200	MB 20.50	MB 20.70	MB 20.50 P	MB 20.70 P
300	MB 30.50	MB 30.70	MB 30.50 P	MB 30.70 P
400	MB 40.50	MB 40.70	MB 40.50 P	MB 40.70 P
450	MB 45.50	MB 45.70	MB 45.50 P	MB 45.70 P
600	MB 60.50	MB 60.70	MB 60.50 P	MB 60.70 P

DIN-



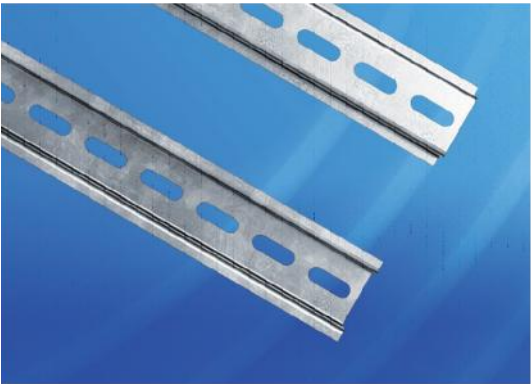
DIN-

2,5

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B 6 DR	10

DIN-



1,2

70

DR 15.425	15	600	10
DR 15.625	15	800	10



: 2,5
 : . 62

MP 180.11	1800	5,8	1
MP 200.11	2000	6,4	1
MP 220.11	2200	7,1	1



(6 40).

: 1,5

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RAL 7035

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1 –

R 60.60 P	600	600	4,7	1
R 60.80 P		800	6,1	1
R 60.100 P		1000	7,6	1
R 80.60 P	800	600	6,1	1
R 80.80 P		800	8,0	1
R 80.100 P		1000	9,9	1

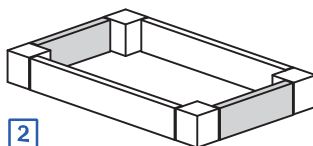
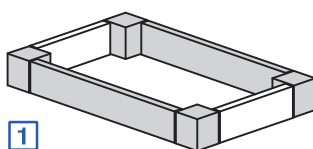
2 –

R 60.60 PK	600	600	5,4	1
R 60.80 PK		800	6,9	1
R 60.100 PK		1000	8,2	1
R 80.60 PK	800	600	6,9	1
R 80.80 PK		800	8,8	1
R 80.100 PK		1000	10,6	1



71

R 60.40	600	400	1,5 RAL 7035	4,4	1
R 60.50		500		5,5	1
R 60.60		600		6,3	1
R 80.40	800	400		5,6	1
R 80.50		500		6,7	1
R 80.60		600		7,8	1
R 80.80		800		10,2	1
R 100.40	1000	400		6,6	1
R 100.50		500		7,9	1
R 100.60		600		9,3	1
R 120.40	1200	400		7,6	1
R 120.50		500		9,1	1
R 120.60		600		10,7	1
R 120.80		800		13,9	1
R 160.40	1600	400		9,7	1
R 160.50		500		11,7	1
R 160.60		600		13,8	1
R 160.80		800		17,9	1
R 60.50 S	600	500	1,2 AISI304	5,9	1
R 60.60 S		600		6,8	1
R 80.50 S	800	500		7,2	1
R 80.60 S		600		8,4	1
R 120.50 S	1200	500		9,8	1
R 120.60 S		600		11,5	1
R 160.50 S	1600	500		12,6	1
R 160.60 S		600		14,9	1



100, 200

1 -

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72

1 -

100		200					
ZA 40.00	6,0	ZA 40.00 H	9,0	400			1
ZA 60.00	6,6	ZA 60.00 H	9,8	600			1
ZA 60.00 P	6,4	—	—				1
ZA 80.00	7,4	ZA 80.00 H	11,2	800			1
ZA 80.00 P	7,0	—	—				1
ZA 100.00	8,0	ZA 100.00 H	12,2	1000			1
ZA 120.00	8,6	ZA 120.00 H	13,4	1200			1
ZA 60.00 S	4,3	ZA 60.00 HS	6,8	600			1
ZA 80.00 S	5,4	ZA 80.00 HS	8,3	800			1

2 -

100		200					
ZA 00.40	0,8	ZA 00.40 H	1,4	400			1
ZA 00.50	1,0	ZA 00.50 H	2,0	500			1
ZA 00.60	1,4	ZA 00.60 H	2,4	600			1
ZA 00.60 K	1,3	—	—				1
ZA 00.80	2,2	ZA 00.80 H	3,6	800			1
ZA 00.80 K	2,0	—	—				1
ZA 00.100	3,1	ZA 00.100 H	4,7	1000			1
ZA 00.50 S	1,1	ZA 00.50 HS	2,2	500			1
ZA 00.60 S	1,5	ZA 00.60 HS	2,6	600			1
ZA 00.80 S	2,4	ZA 00.80 HS	3,9	800			1

ZA 80.60 EQ	11,2

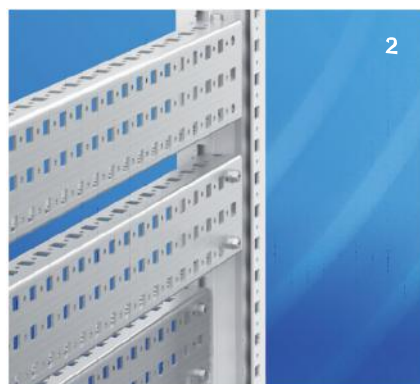
– IK 01 ZA



SH 60.60	600	600	3,3	1
SH 80.60	800	600	4,4	1
SH 80.80	800	800	5,9	1



VB 40 G	400	10
VB 50 G	500	10
VB 60 G	600	10
VB 80 G	800	10



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2

2,0

73

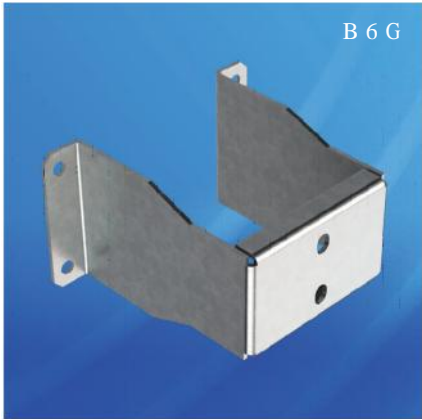
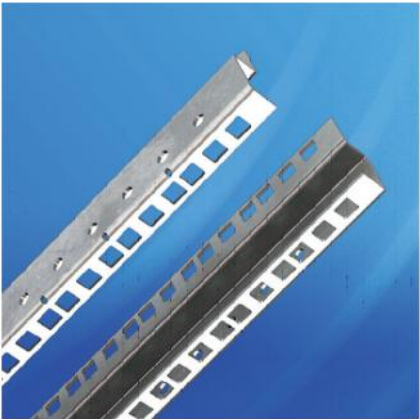
1 –

MG 40.03	24	400	2,4	8
MG 50.03		500	3,2	8
MG 60.03		600	4,0	8
MG 80.03		800	5,5	8
MG 40.06	49	400	1,9	4
MG 50.06		500	2,4	4
MG 60.06		600	3,0	4
MG 80.06		800	4,1	4
MG 100.06		1000	5,2	4
MG 120.06		1200	6,3	4
MG 40.09	74	400	2,3	4
MG 50.09		500	3,0	4
MG 60.09		600	3,7	4
MG 80.09		800	5,0	4
MG 100.09		1000	6,3	4
MG 120.09		1200	7,7	4

2 –

MG 40.06 L	49	400	1,9	4
MG 50.06 L		500	2,4	4
MG 60.06 L		600	2,9	4
MG 80.06 L		800	4,0	4
MG 100.06 L		1000	5,0	4
MG 120.06 L		1200	6,1	4
MG 40.09 L	74	400	2,5	4
MG 50.09 L		500	3,1	4
MG 60.09 L		600	3,8	4
MG 80.09 L		800	5,1	4
MG 100.09 L		1000	6,4	4
MG 120.09 L		1200	7,7	4
MG 180.09 L		1800	11,7	4
MG 200.09 L		2000	13,0	4
MG 220.09 L		2200	14,3	4

19"



19" MG

2,0

70

	, U (U = 44,45)			
MG 180 IT	38	1800	7,7	4
MG 200 IT	43	2000	8,6	4
MG 220 IT	47	2200	9,5	4

! 800 B 6 G



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2,0

74

MP 06.10 P	60	103	8
MP 10.10 P	103	103	8

MP 06.10 PL	60	103	8



GB 40 R	400	1,5 , RAL 7035	1
GB 50 R	500		1
GB 60 R	600		1
GB 80 R	800		1
GB 100 R	1000		1
GB 50 RS	500	- AISI 304 1,2 ,	1
GB 60 RS	600		1



LH 1C.P	1



LC 1C.Z	1



1	2
:	:
6 SP	8



1	2
:	:
6 DP	4



1	2
:	:
180°	
HG 180.45 ZP	4



12.125 T

	12.125 T	1
SW 01	6	1



12.125 T

	12.125 T	4
F 12.40		4



12.125 T

	12.125 T	2
12.125	—	2
12.125 T		2



12

:

SK 12.25	25	4
SK 12.50	50	4



:

KY 5 DB.Z	1



6 16 19” , 5 16 ,

:

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S 5.16 M	5 16	100
S 6.16 M	6 16	100



, 6 10 , M8 16

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S 6.10 M	6 10	100
S 8.16 M	8 16	100



, 4,8 11

:

S 5.11	4,8 11	100



S 6.10 MX S 8.16 MX

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N 6 MF	6	100
N 8 MF	8	100



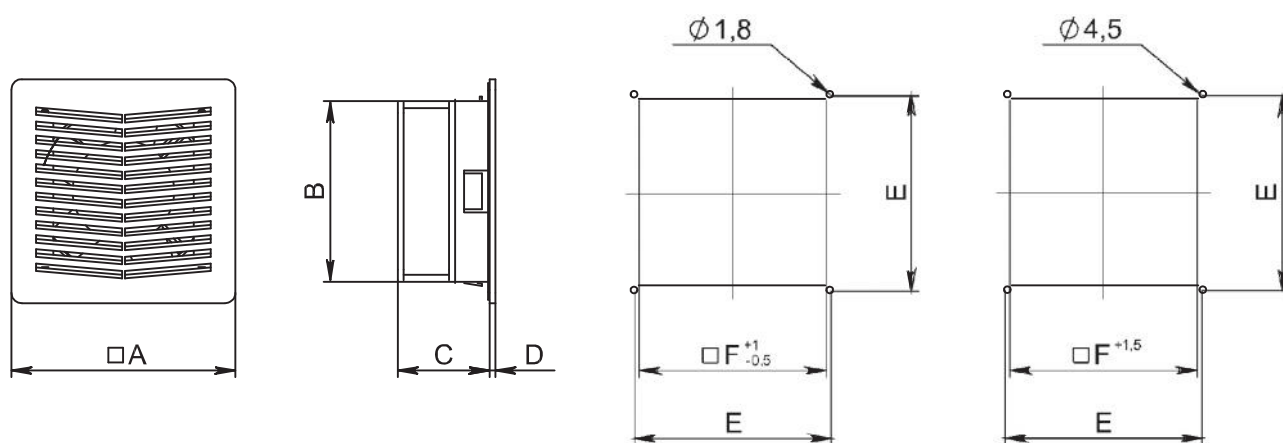
, 19"

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N 5 MS	5	100
N 6 MS	6	100

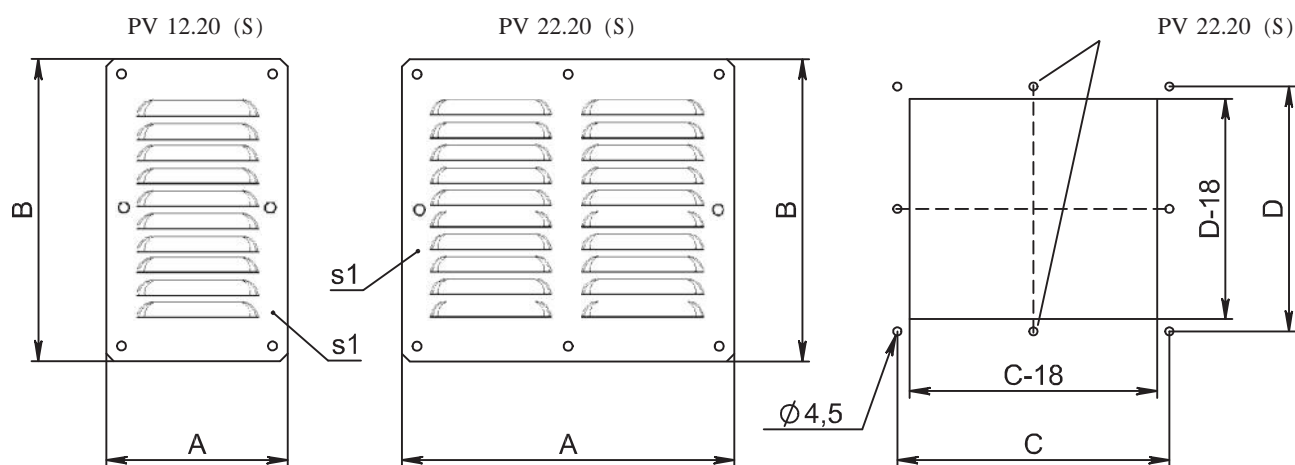
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FPF08KU230BE-110

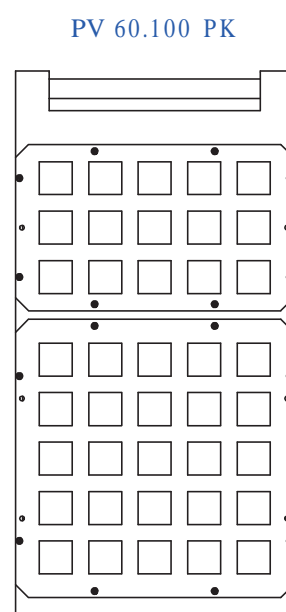
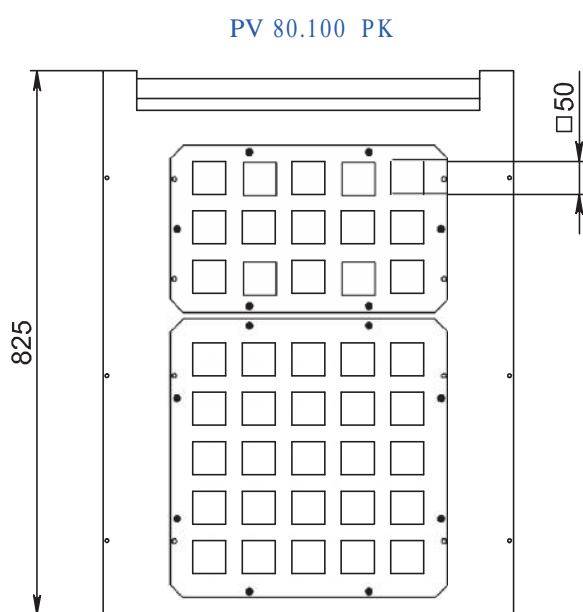
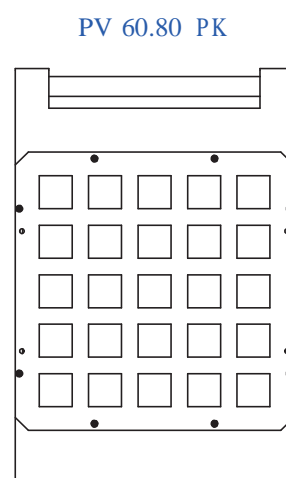
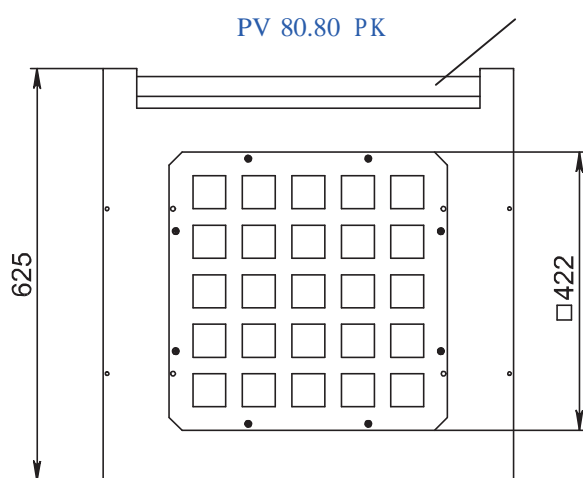
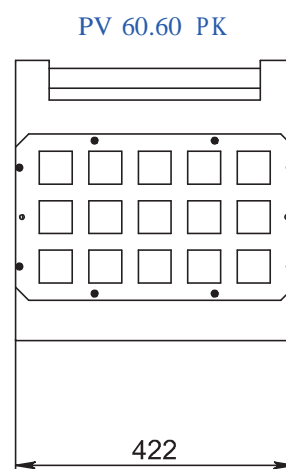
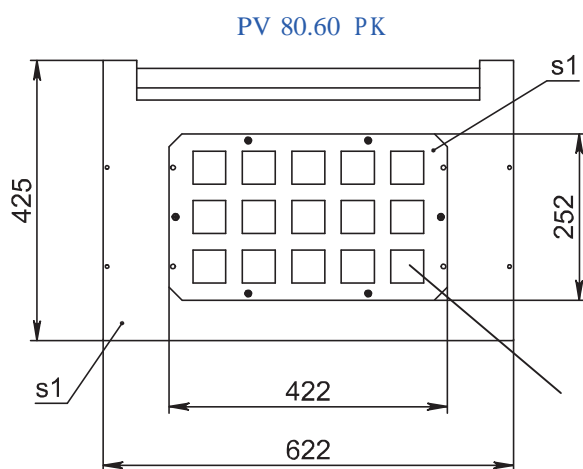


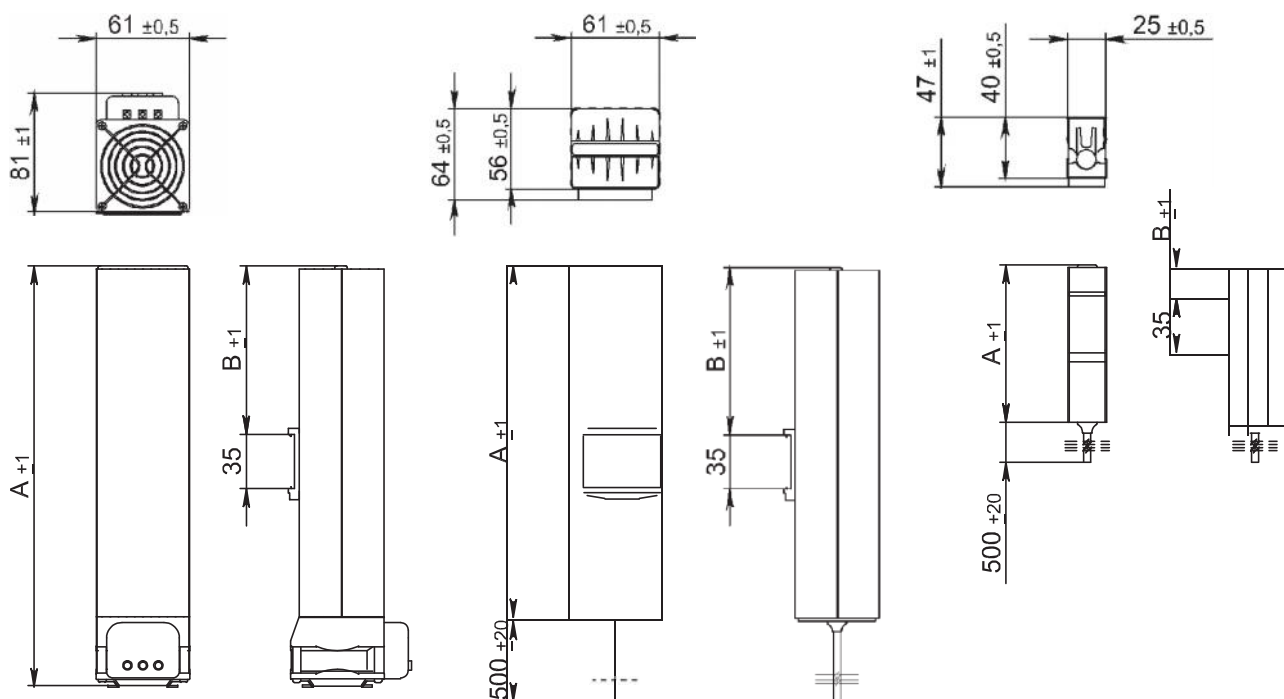
		B,	C,	D,	E,	F,
FPF08KU230B-110	105	80	60	7	95	92
FPF12KU230BE-110	150	120	64	7	131	125
FPF13KU230BE-110	204	127	90	8	185	177
FPF15KU230BE-110	250	172	113	8	230	223
FPF20KU230BE-120	325	218	152	9	302	291

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		B,	C,	D,
PV 12.20, PV 12.20 S	120	200	100	180
PV 22.20, PV 22.20 S	220	200	200	180



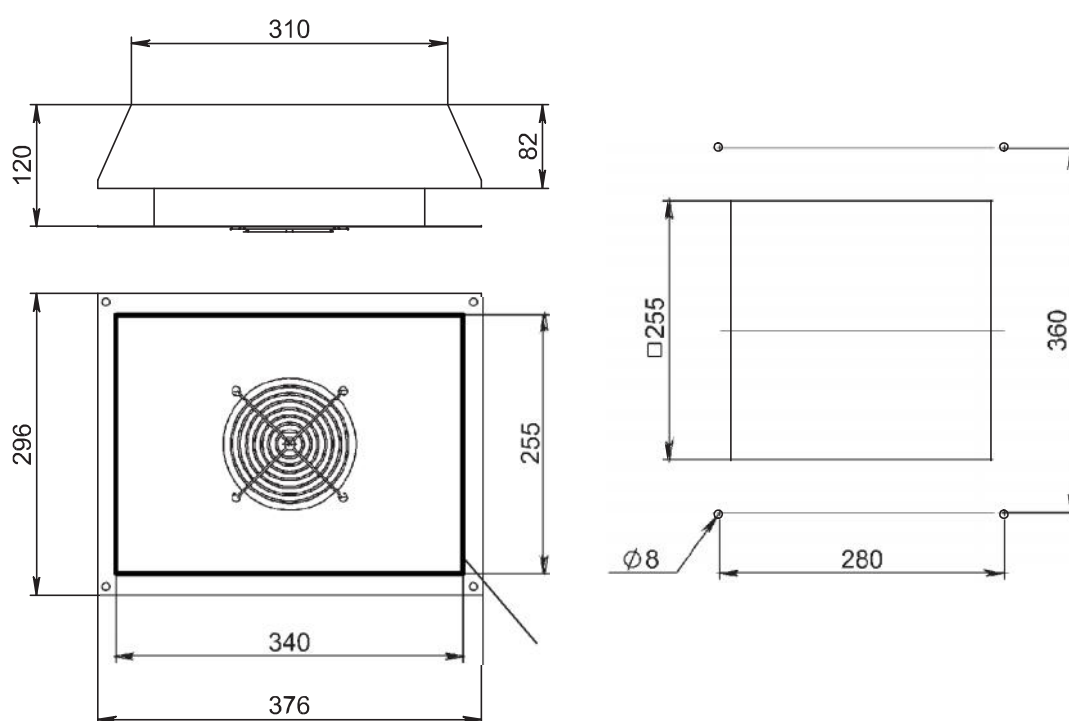


	,	B,
RACMV-250	197	70
RACMV-400	272	107

	,	B,
RAC-45	102	34
RAC-80	152	58
RAC-150	227	95

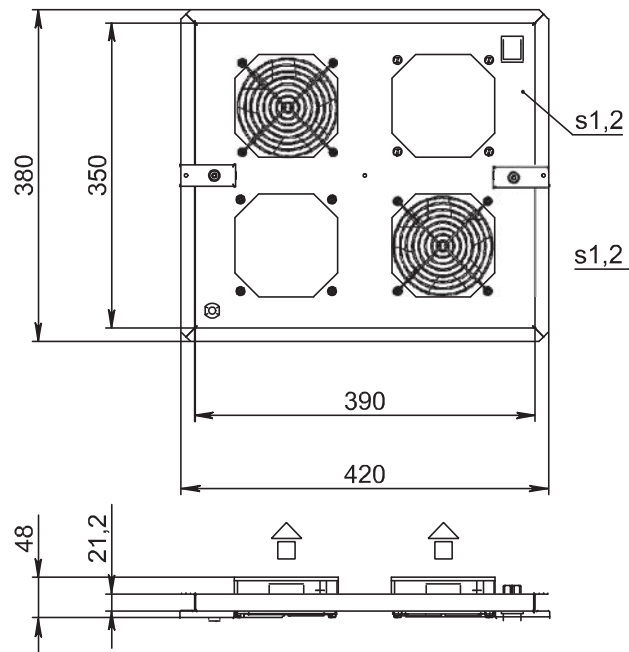
	,	B,
RACP-15	72	20
RACP-30	102	35

RV

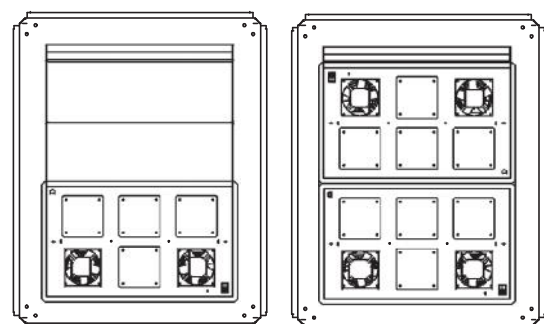
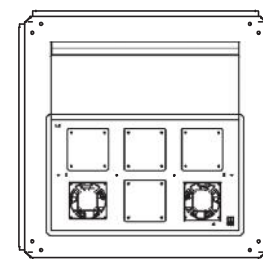
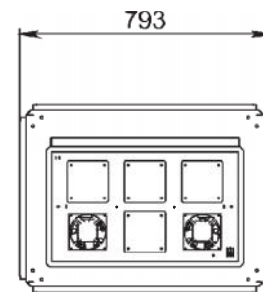
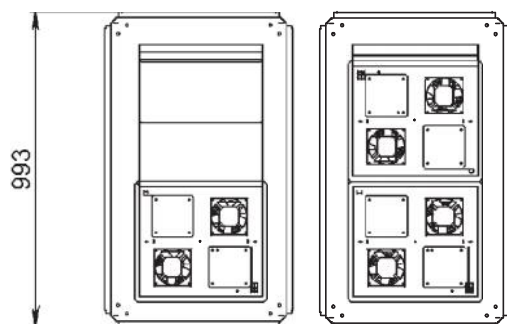
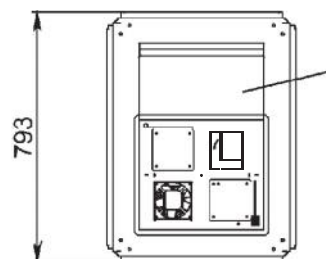
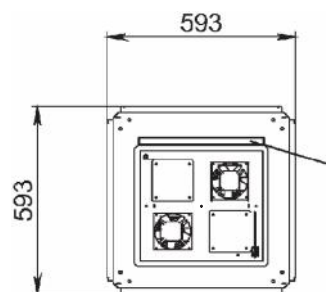
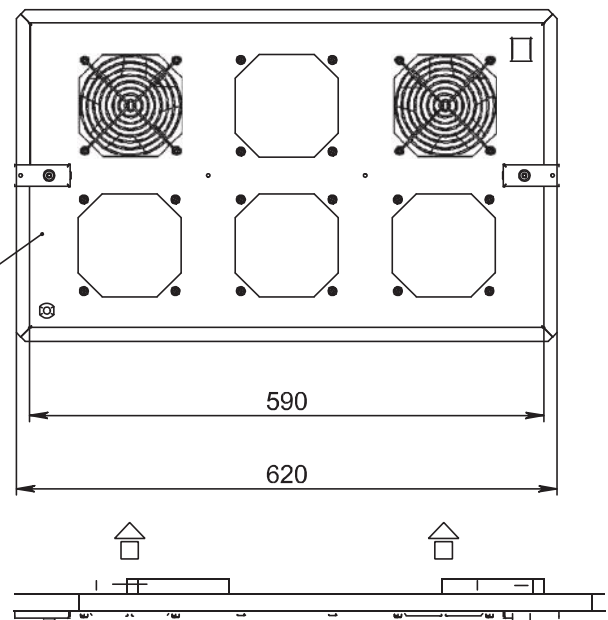


FC

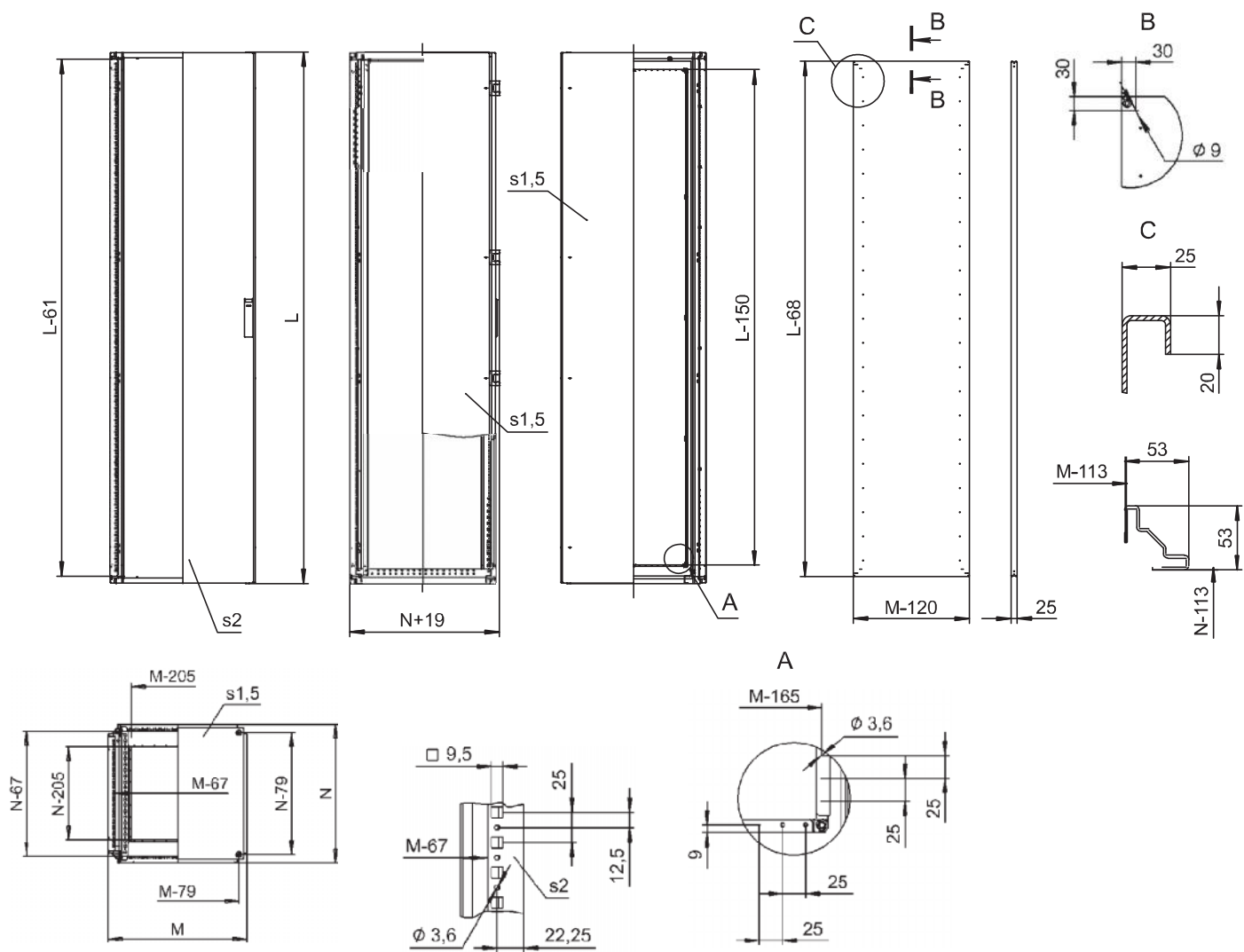
FC 02.230 P



FC 02.230 PD



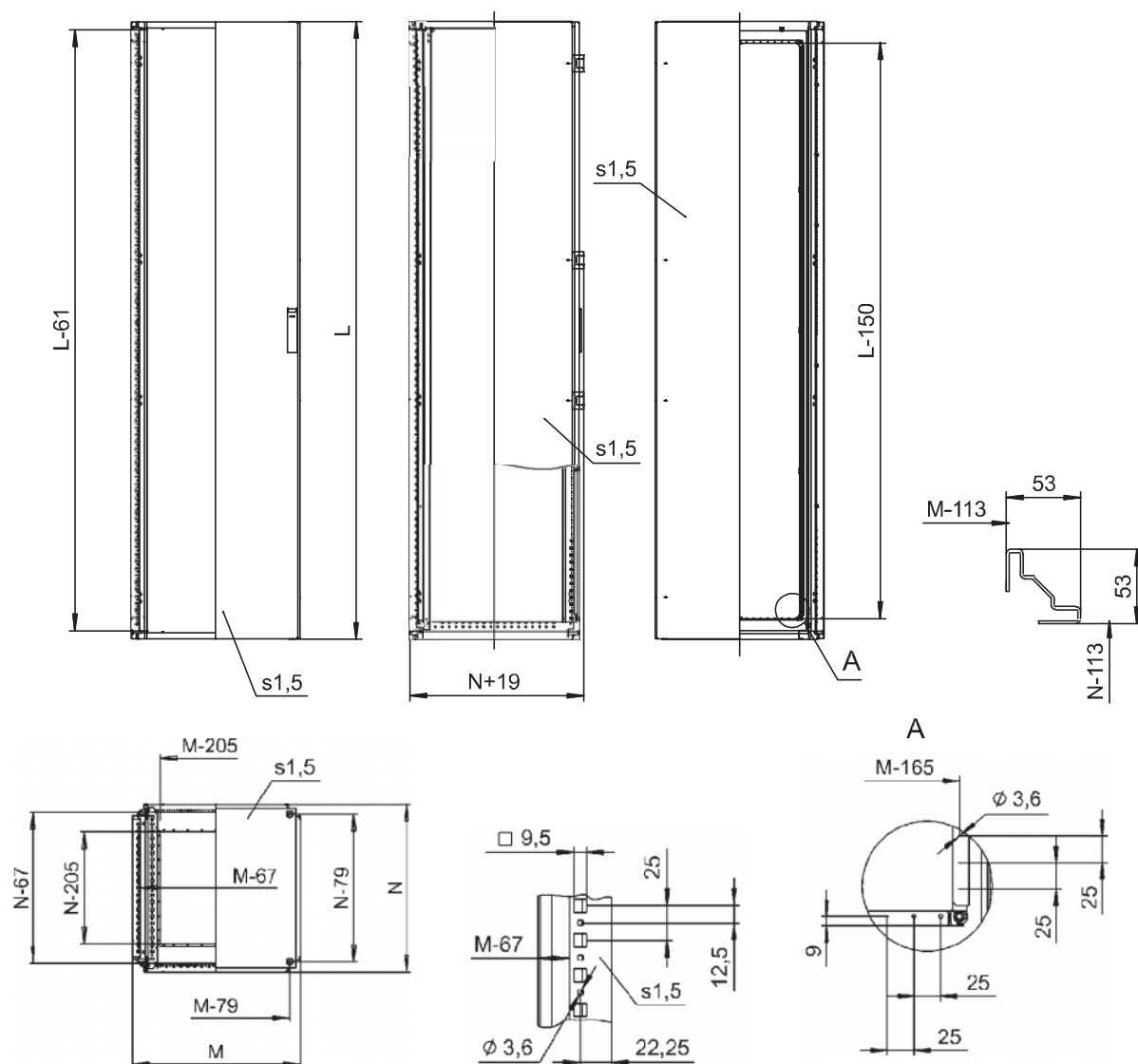
MPS



	L (),	M (),	N (),
MPS 180.40.50	1800	400	500
MPS 180.40.60			600
MPS 180.60.40		600	400
MPS 180.60.50			500
MPS 180.60.60			600
MPS 180.80.40		800	400
MPS 180.80.50			500
MPS 180.80.60			600
MPS 200.40.50		400	500
MPS 200.40.60			600
MPS 200.60.40	2000	600	400

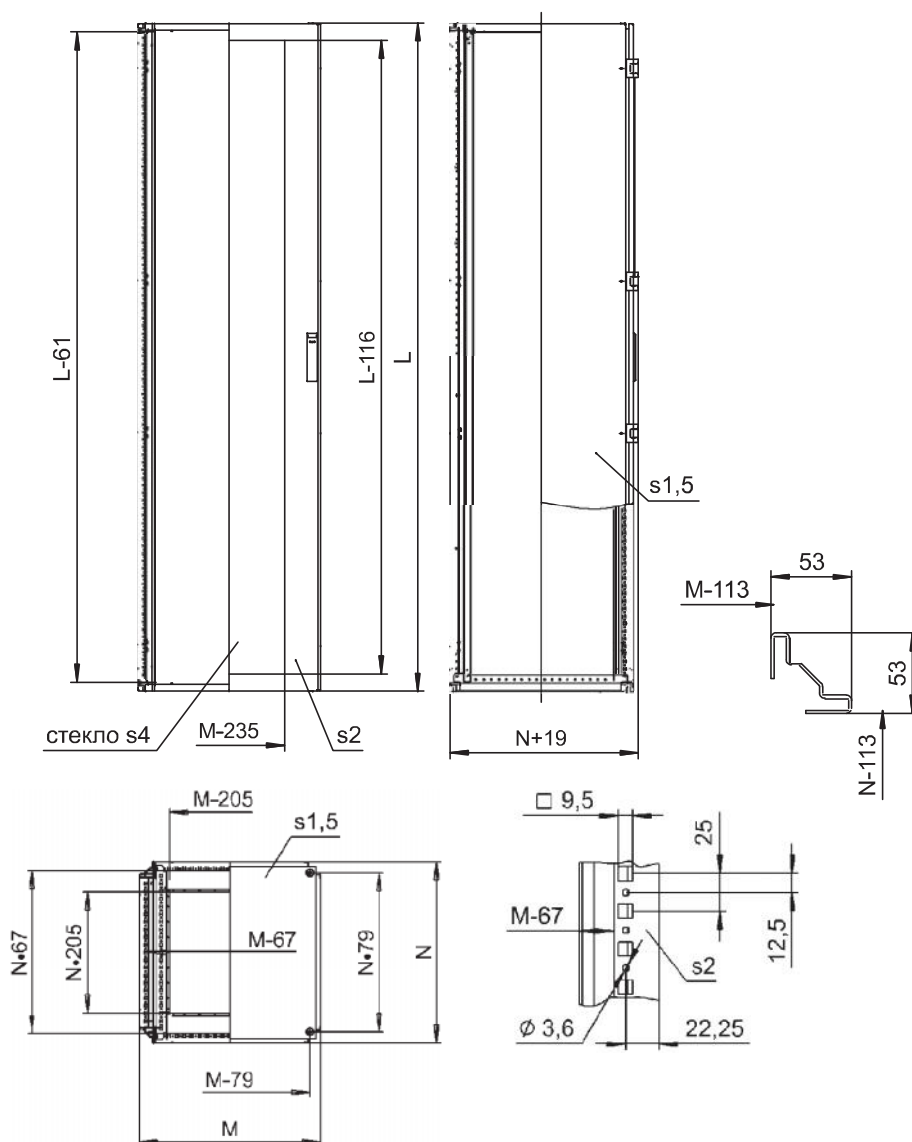
	L (),	M (),	N (),
MPS 200.60.50	2000	600	500
MPS 200.60.60			600
MPS 200.60.80			800
MPS 200.80.40		800	400
MPS 200.80.50			500
MPS 200.80.60			600
MPS 200.80.80			800
MPS 220.60.60	2200	600	600
MPS 220.60.80		800	800
MPS 220.80.60		600	600
MPS 220.80.80		800	800

SPS



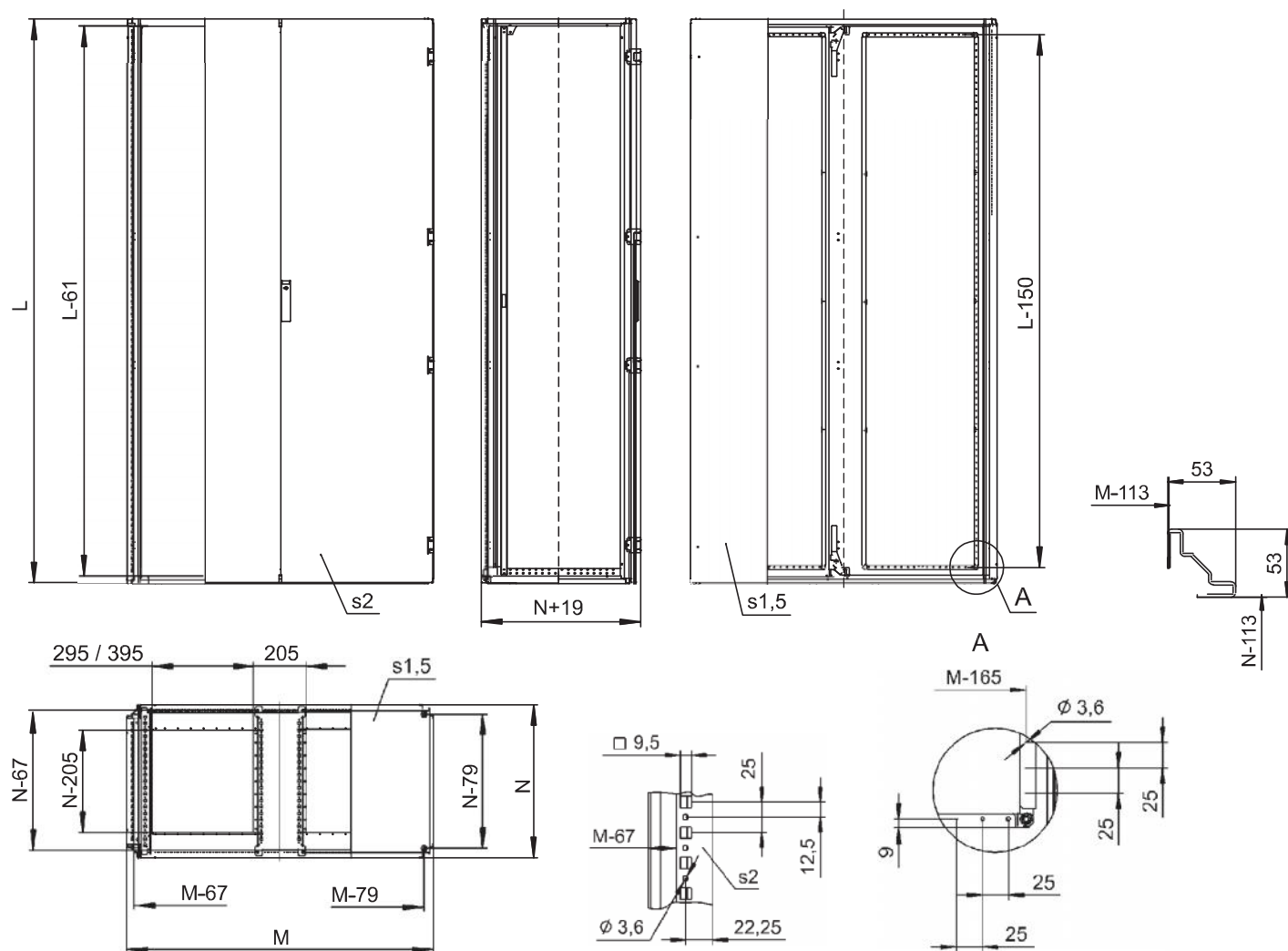
	L (),	M (),	N (),
SPS 180.60.50	1800	600	500
SPS 180.80.50		800	
SPS 200.60.60	2000	600	600
SPS 200.80.60		800	

MPV



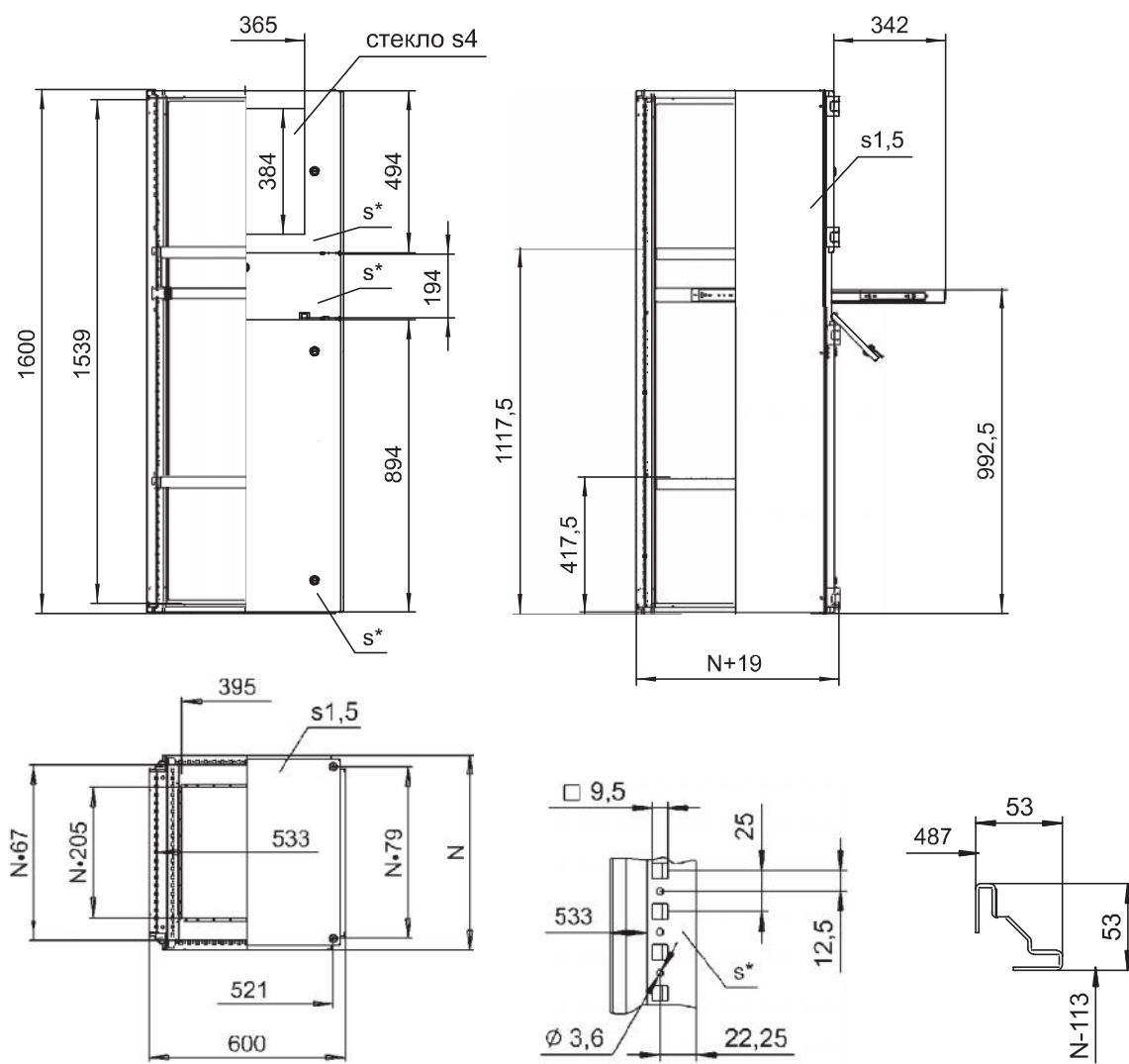
	L (),	M (),	N (),
MPV 180.60.50	1800	600	500
MPV 180.60.60			600
MPV 180.80.50		800	500
MPV 180.80.60			600
MPV 200.60.60	2000	600	600
MPV 200.60.80			800
MPV 200.80.60		800	600
MPV 200.80.80			800
MPV 220.60.60	2200	600	600
MPV 220.60.80		800	800
MPV 220.80.60		600	600
MPV 220.80.80		800	800

MPD



	L (),	M (),	N (),
MPD 180.100.40	1800	1000	400
MPD 180.120.40		1200	400
MPD 180.120.50			500
MPD 180.120.60			600
MPD 200.100.40	2000	1000	400
MPD 200.100.50			500
MPD 200.100.60			600
MPD 200.120.50		1200	500
MPD 200.120.60			600
MPD 200.120.80			800
MPD 220.120.60	2200	1200	600

MKM SKM



* – s2

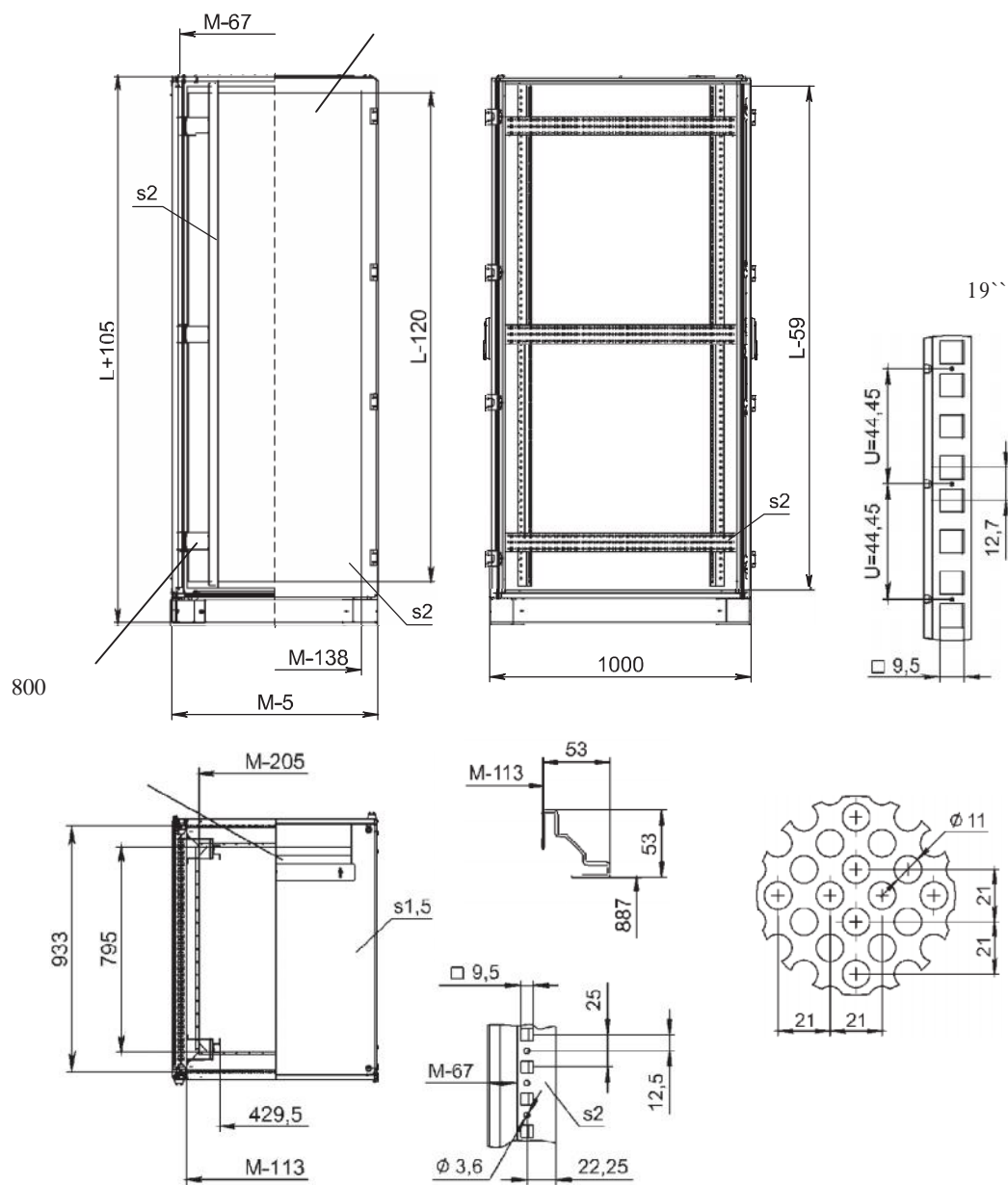
MKM; s1,5

SKM

	L (),	M (),	N (),
MKM 160.60.60	1600	600	600
MKM 160.60.80			800

	L (),	M (),	N (),
SKM 160.60.60	1600	600	600
SKM 160.60.80			800

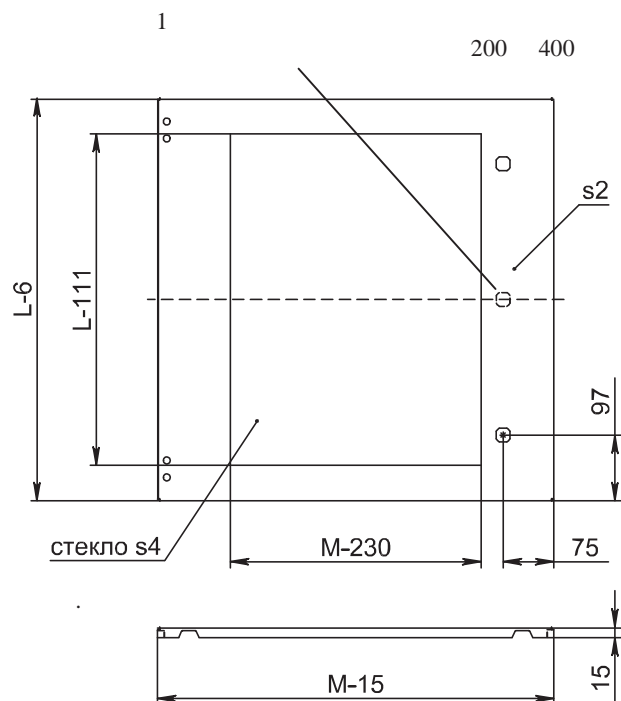
MPP



	L (),	M (),	N (),
MPP 180.60.100	1800	600	1000
MPP 180.80.100		800	
MPP 200.60.100	2000	600	
MPP 200.80.100		800	
MPP 220.60.100	2200	600	
MPP 220.80.100		800	

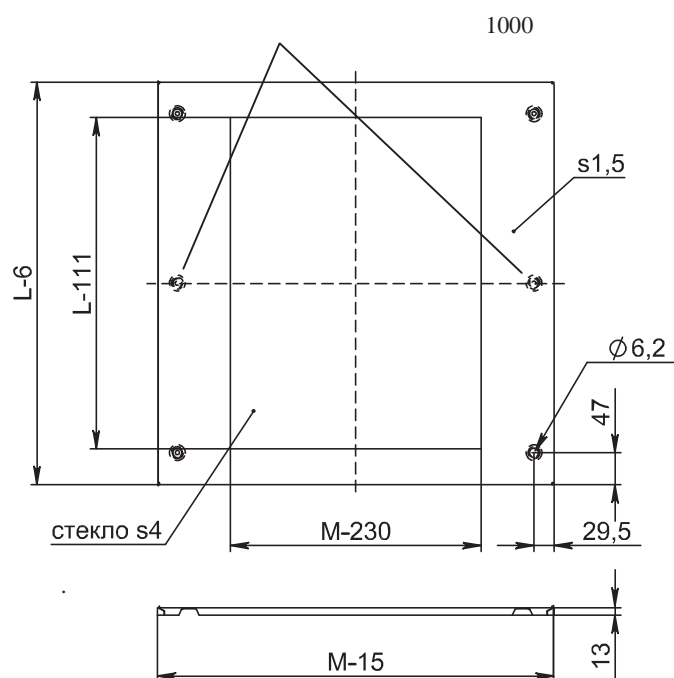
L (),		
	M () 600	M () 800
200	D 20.60 M	D 20.80 M
400	D 40.60 M	D 40.80 M
600	D 60.60 M	D 60.80 M
800	D 80.60 M	D 80.80 M
1000	D 100.60 M	D 100.80 M

L (),		
	M () 600	M () 800
400	D 40.60 MV	D 40.80 MV
600	D 60.60 MV	D 60.80 MV
800	D 80.60 MV	D 80.80 MV

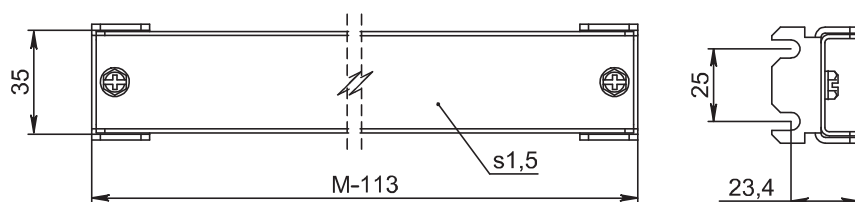


L (),		
	M () 600	M () 800
200	DP 20.60	DP 20.80
400	DP 40.60	DP 40.80
600	DP 60.60	DP 60.80
800	DP 80.60	DP 80.80
1000	DP 100.60	DP 100.80

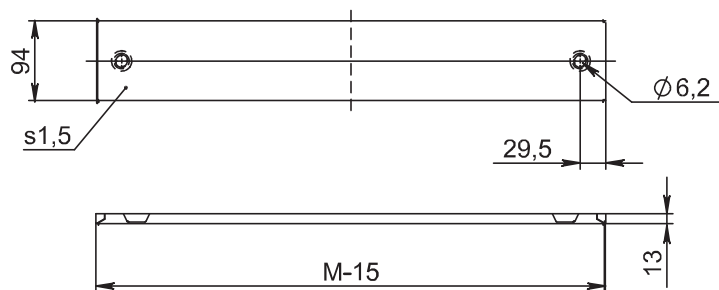
L (),		
	M () 600	M () 800
400	DP 40.60 V	DP 40.80 V
600	DP 60.60 V	DP 60.80 V
800	DP 80.60 V	DP 80.80 V



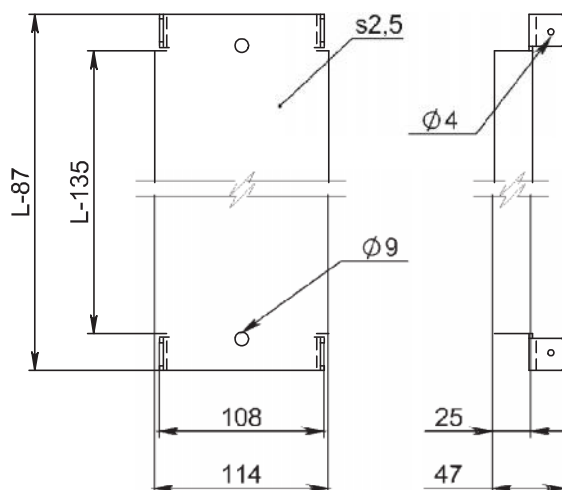
M () 600	M () 800
GB 60	GB 80



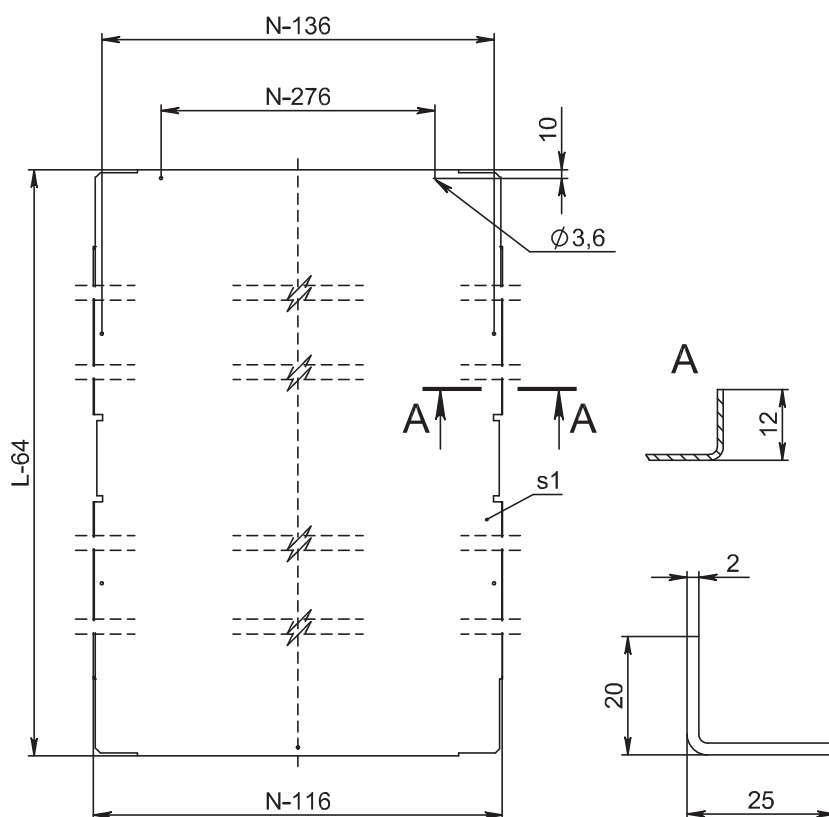
M () 600	M () 800
DP 10.60	DP 10.80

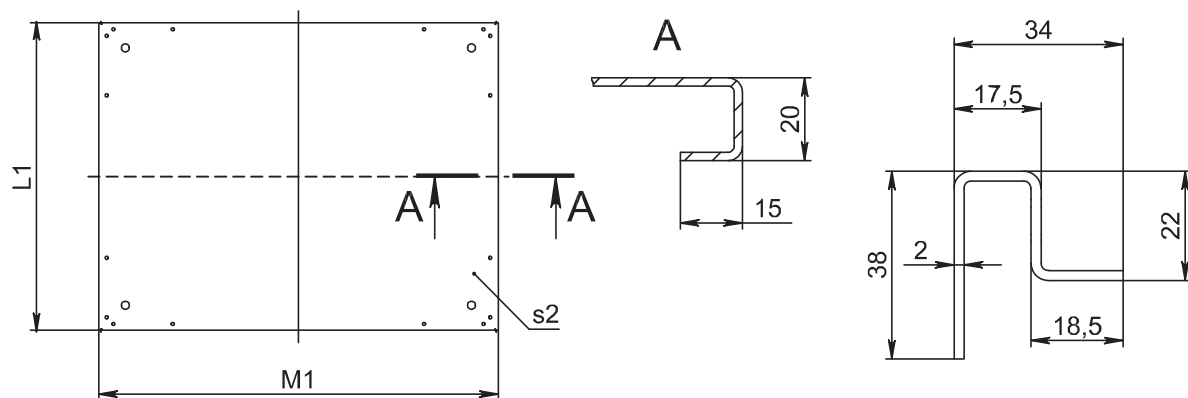


	L (),
MP 180.11	1800
MP 200.11	2000
MP 220.11	2200



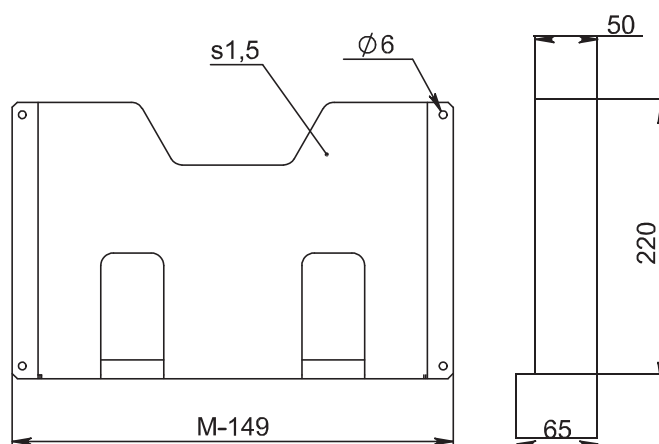
	L (),	N (),
SP 180.40 N	1800	400
SP 180.50 N		500
SP 180.60 N		600
SP 200.40 N	2000	400
SP 200.50 N		500
SP 200.60 N		600
SP 200.80 N	2200	800
SP 220.60 N		600
SP 220.80 N		800



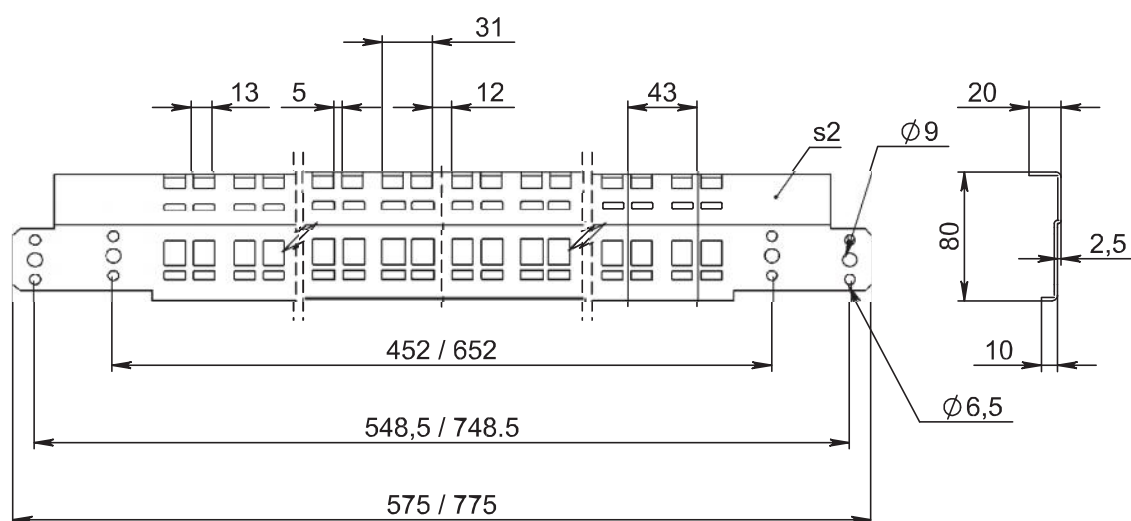


(M1 x L1),											.*
	400	600	800	1000	1200	400	500	600	800		
450 x 150	—	—	—	—	—	—	—	—	—	MP 45.15 M	—
450 250	—	—	—	—	—	—	—	—	—	MP 45.25 M	MP 45.25 MP
450 350	—	—	—	—	—	—	—	—	—	MP 45.35 M	MP 45.35 MP
450 550	—	—	—	—	—	—	—	—	—	MP 45.55 M	MP 45.55 MP
650 150	—	—	—	—	—	—	—	—	—	MP 65.15 M	—
650 250	—	—	—	—	—	—	—	—	—	MP 65.25 M	MP 65.25 MP
650 350	—	—	—	—	—	—	—	—	—	MP 65.35 M	MP 65.35 MP
650 450	—	—	—	—	—	—	—	—	—	MP 65.45 M	MP 65.45 MP
650 550	—	—	—	—	—	—	—	—	—	MP 65.55 M	MP 65.55 MP
850 350	—	—	—	—	—	—	—	—	—	MP 85.35 M	—
850 450	—	—	—	—	—	—	—	—	—	MP 85.45 M	—
1050 350	—	—	—	—	—	—	—	—	—	MP 105.35 M	—
1050 450	—	—	—	—	—	—	—	—	—	MP 105.45 M	—

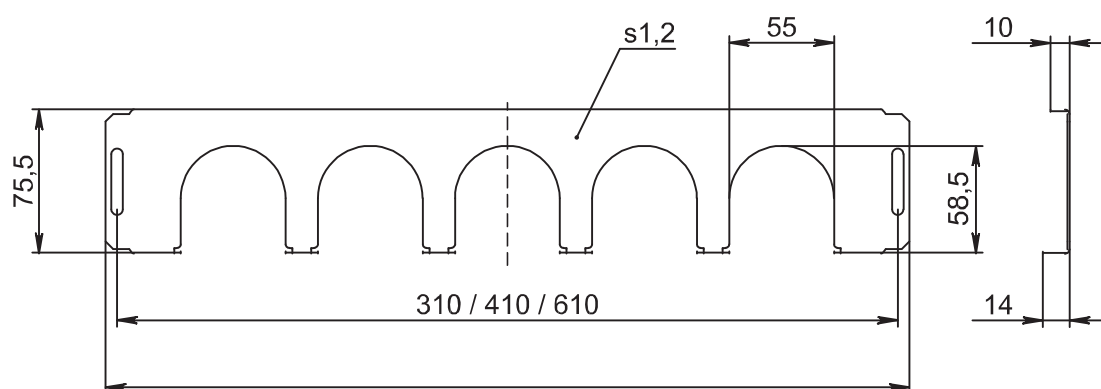
	M (),
DP 40 M	400
DP 50 M	500
DP 60 M	600
DP 80 M	800

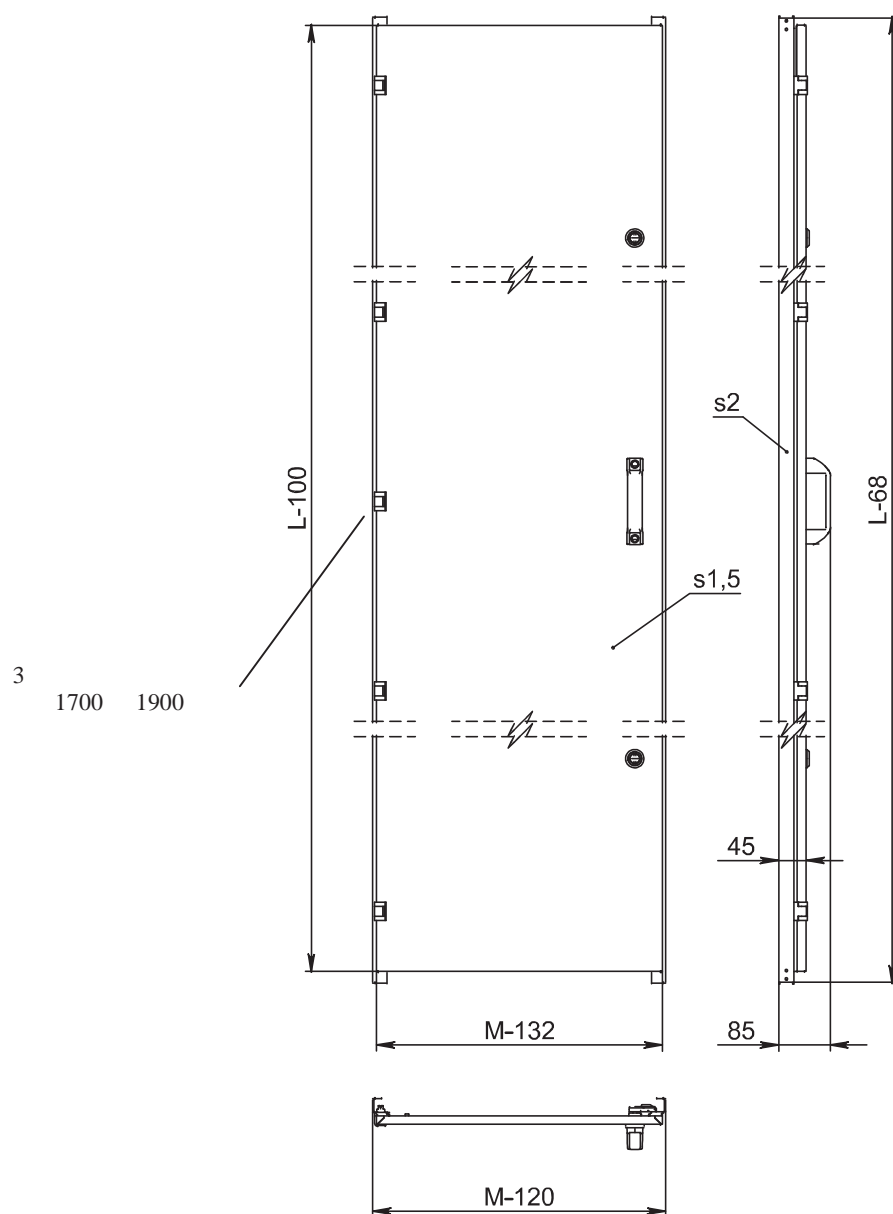


MG 60 EMC	600	18
MG 80 EMC	800	28



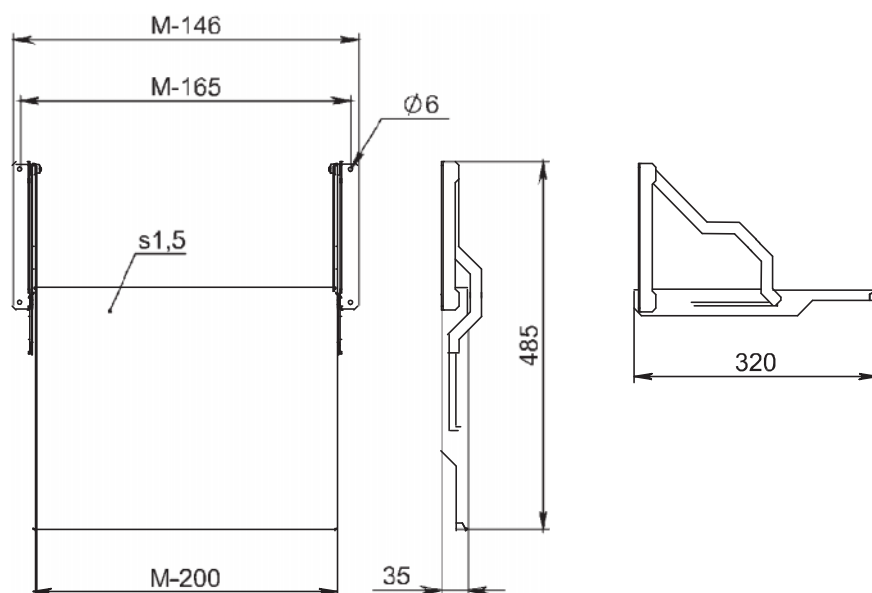
PK 32.08 P	500	3
PK 42.08 P	600	5
PK 62.08 P	800	8



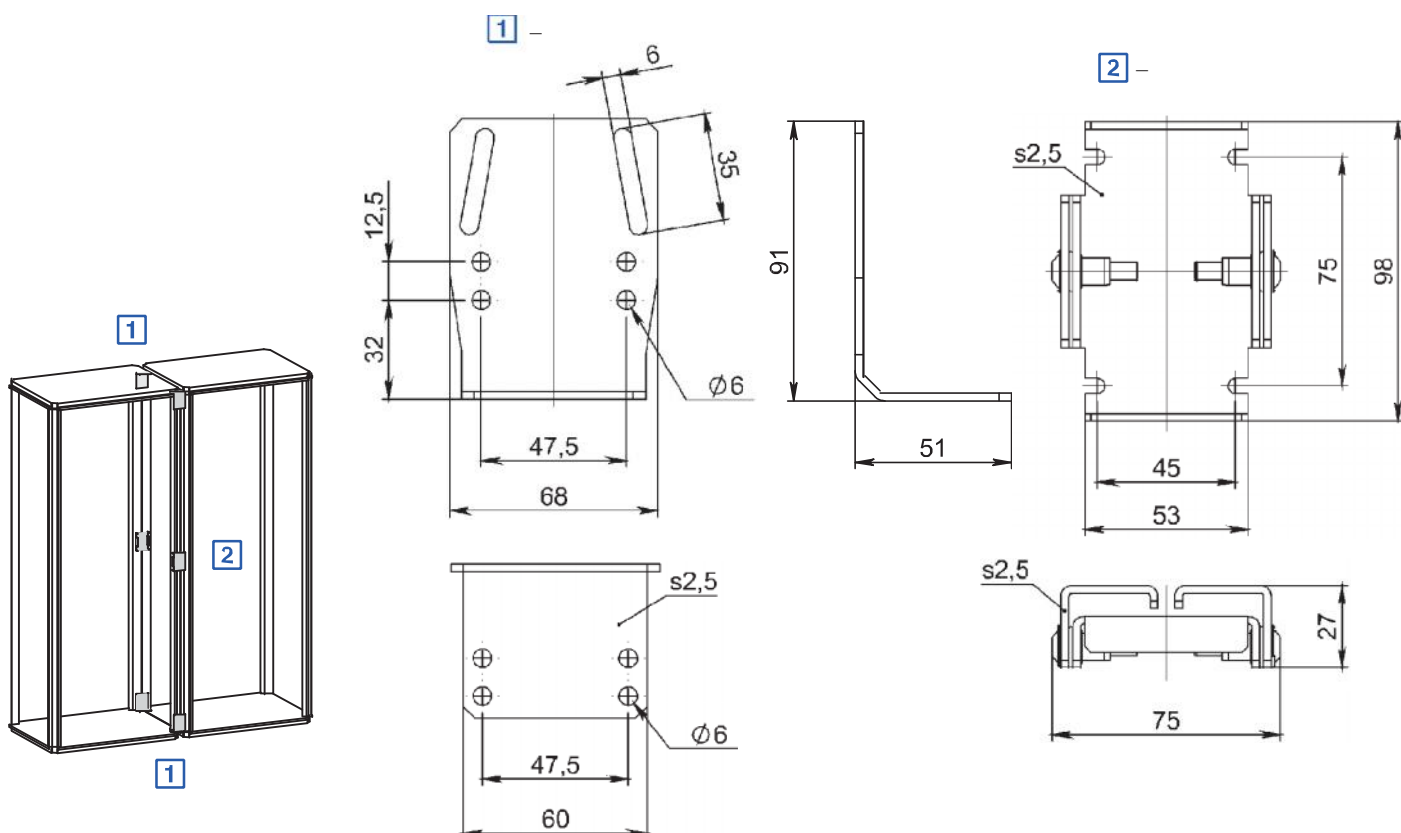


	L (),	M (),
ID 180.80	1800	800
ID 200.60	2000	600
ID 200.80		800
ID 220.60	2200	600
ID 220.80		800

	M (),
SH 60 D	600
SH 80 D	800



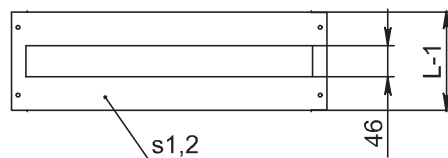
IK 01



L (),		
	M () 600	M () 800
50	MB 05.50	MB 05.70
150	MB 15.50	MB 15.70
200	MB 20.50	MB 20.70
300	MB 30.50	MB 30.70
400	MB 40.50	MB 40.70
450	MB 45.50	MB 45.70
600	MB 60.50	MB 60.70

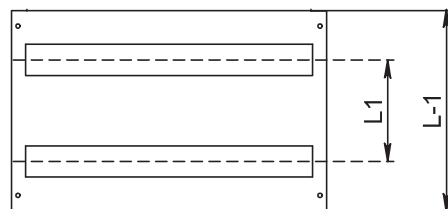
L (),		
	M () 600	M () 800
150	MB 15.50 P	MB 15.70 P
200	MB 20.50 P	MB 20.70 P
300	MB 30.50 P	MB 30.70 P
400	MB 40.50 P	MB 40.70 P
450	MB 45.50 P	MB 45.70 P
600	MB 60.50 P	MB 60.70 P

L = 150
200



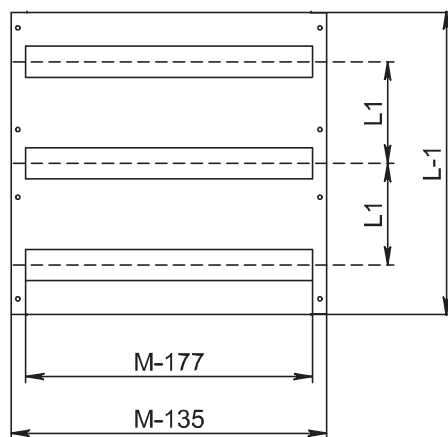
L = 300
(L1 = 150)

L = 400
(L1 = 200)

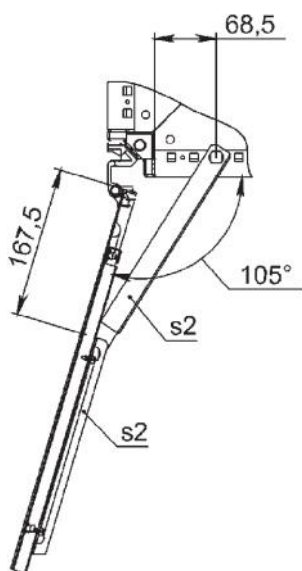


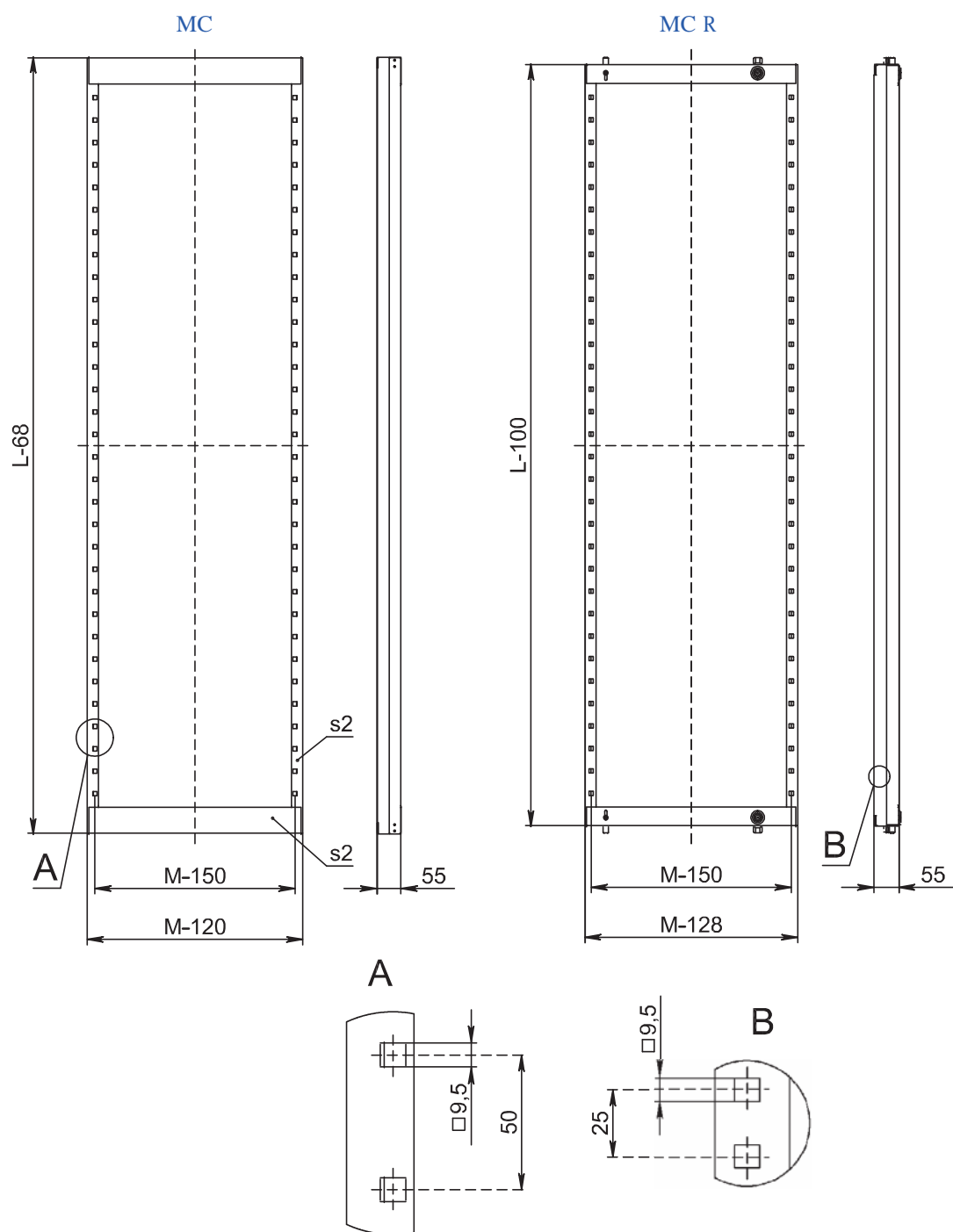
L = 450
(L1 = 150)

L = 600
(L1 = 200)



SD



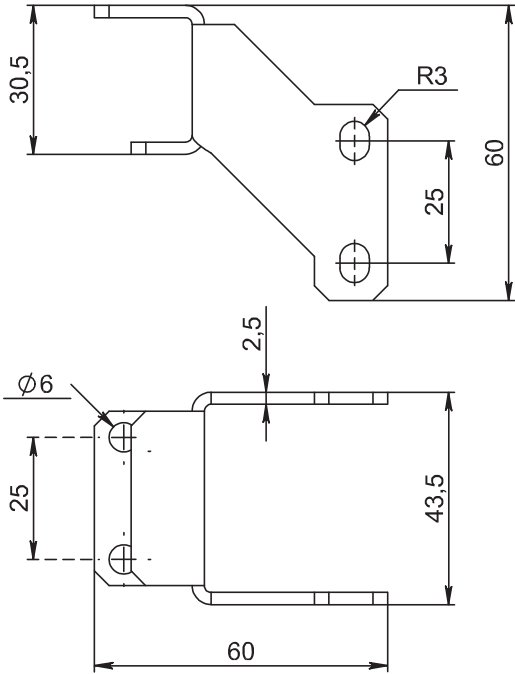
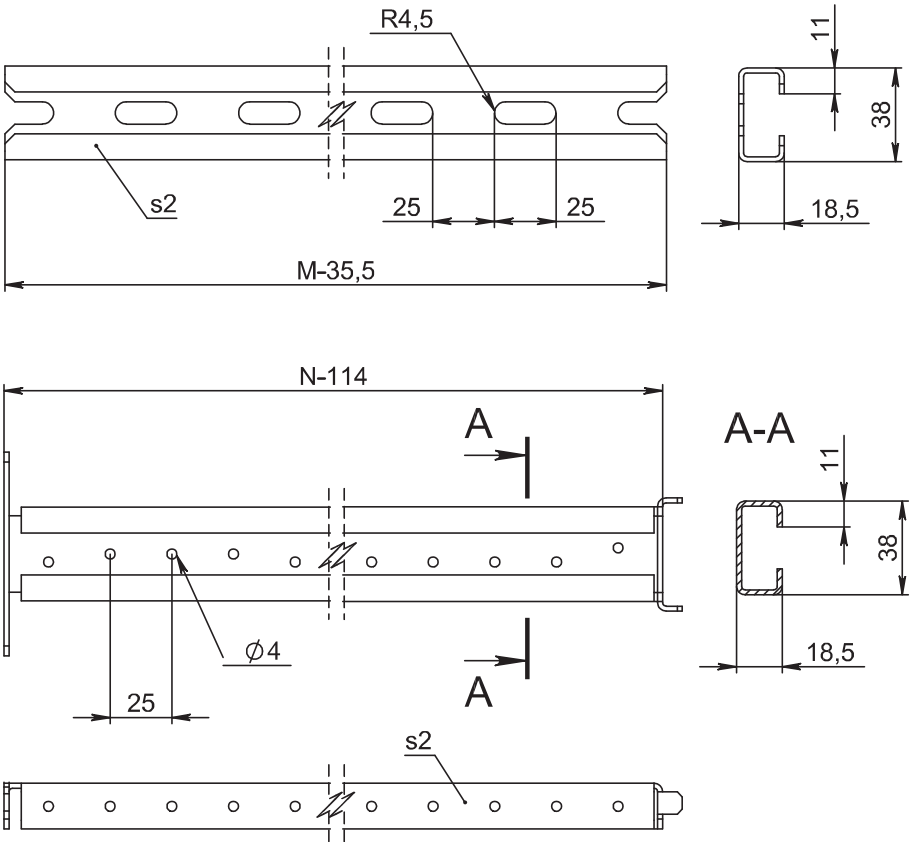


L (),				
	M () 600	M () 800	M () 600	
1800	MC 180.60	MC 180.80	MC 180.60 R	MC 180.80 R
2000	MC 200.60	MC 200.80	MC 200.60 R	MC 200.80 R

	M (),
MG 40.04 C	400
MG 50.04 C	500
MG 60.04 C	600
MG 80.04 C	800
MG 100.04 C	1000
MG 120.04 C	1200

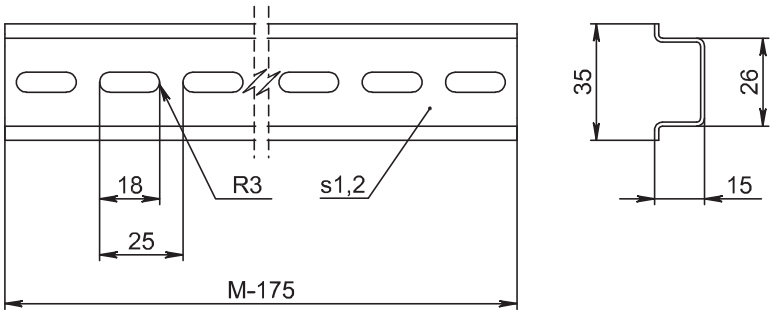
	N (),
MG 40.04 CL	400
MG 50.04 CL	500
MG 60.04 CL	600
MG 80.04 CL	800
MG 100.04 CL	1000

6 MP



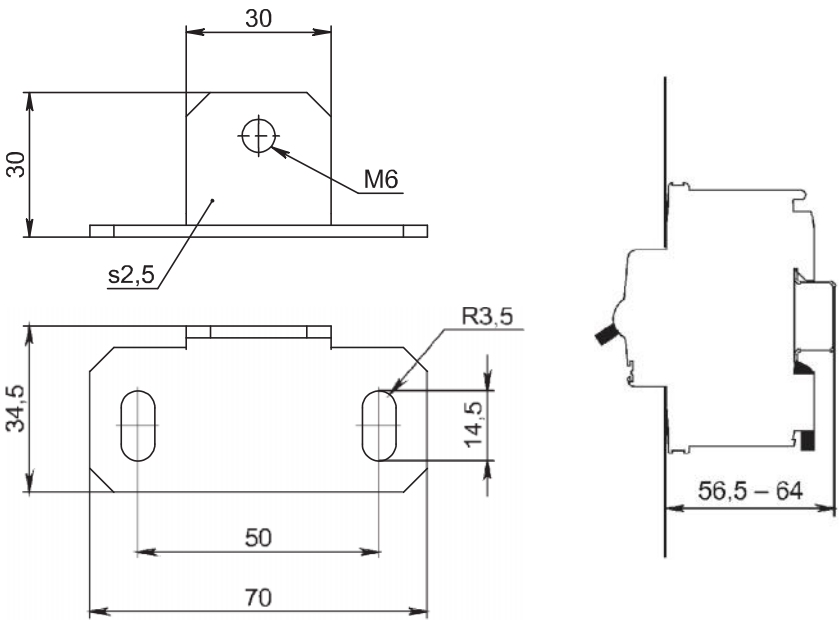
DIN -

	M (),
DR 15.425	600
DR 15.625	800



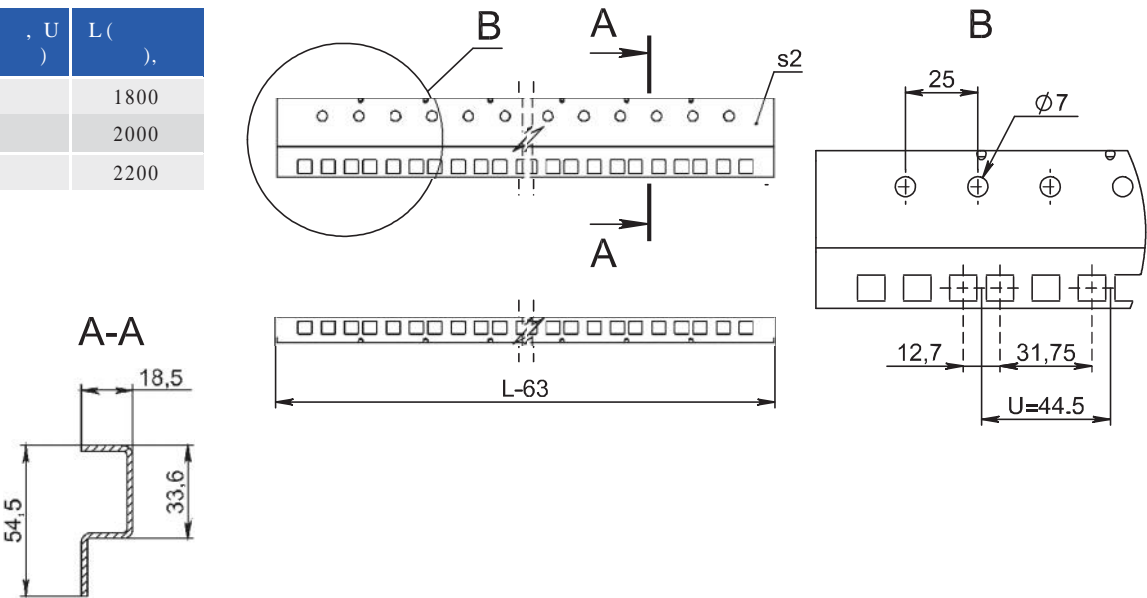
DIN -

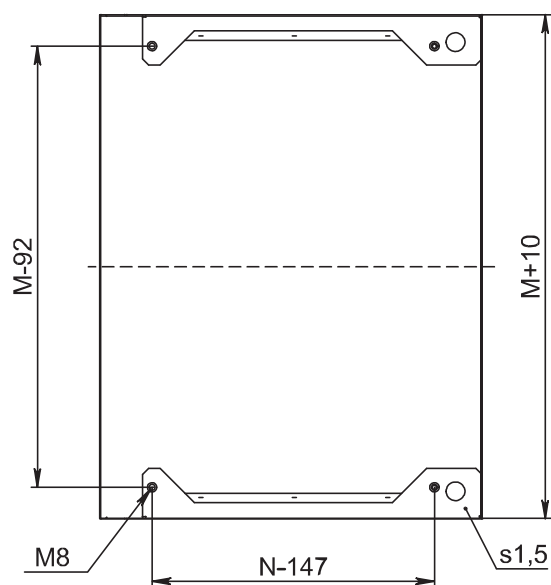
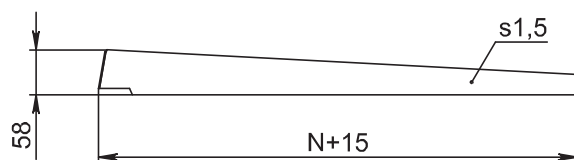
B 6 DR



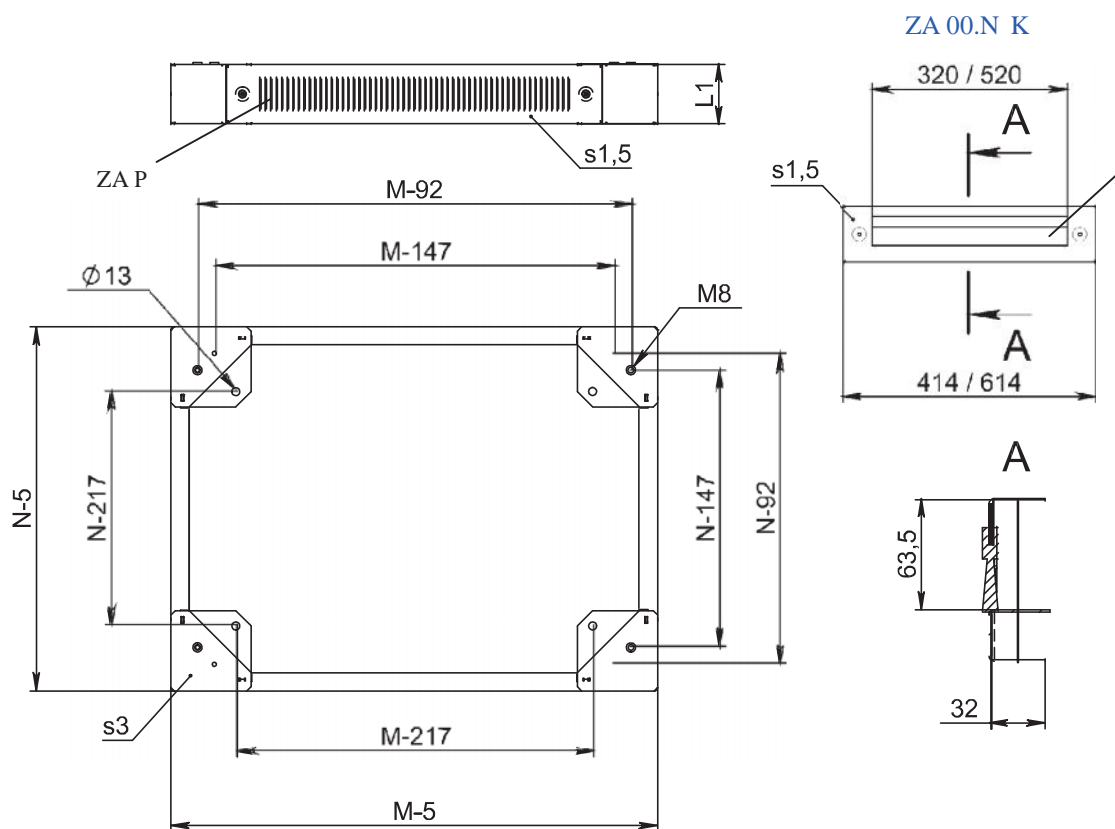
19”

	(U = 44,45 , U)	L (),
MG 180 IT	38	1800
MG 200 IT	43	2000
MG 220 IT	47	2200





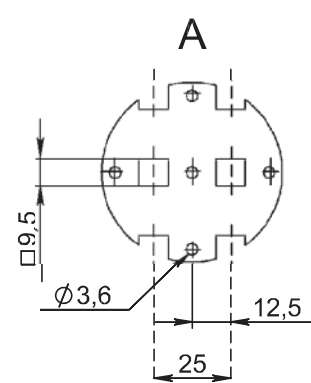
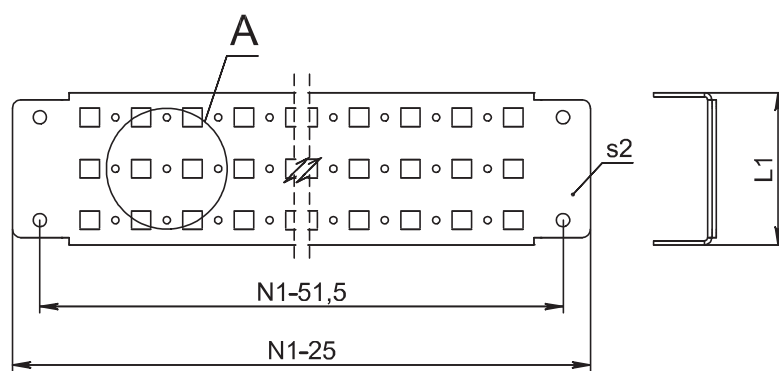
	M (),	N (),
R 60.40	600	400
R 60.50		500
R 60.60		600
R 80.40	800	400
R 80.50		500
R 80.60		600
R 80.80	1000	800
R 100.40		400
R 100.50		500
R 100.60	1200	600
R 120.40		400
R 120.50		500
R 120.60	1600	600
R 120.80		800
R 160.40		400
R 160.50	600	500
R 160.60		600
R 160.80		800
R 60.50 S	800	500
R 60.60 S		600
R 80.50 S		500
R 80.60 S	1200	600
R 120.50 S		500
R 120.60 S		600
R 160.50 S	1600	500
R 160.60 S		600



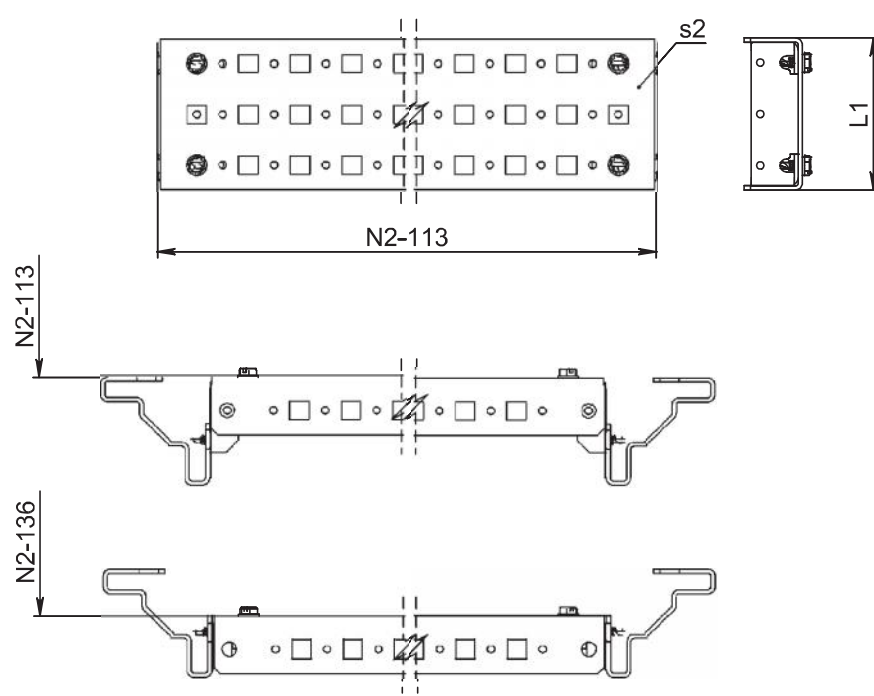
L1 () 100		L1 () 200		M (),	
ZA 40.00		ZA 40.00 H		400	
ZA 60.00		ZA 60.00 H		600	
ZA 60.00 P		–		800	
ZA 80.00		ZA 80.00 H		1000	
ZA 80.00 P		–		1200	
ZA 100.00		ZA 100.00 H		600	
ZA 120.00		ZA 120.00 H		800	
ZA 60.00 S		ZA 60.00 HS			
ZA 80.00 S		ZA 80.00 HS			

L1 () 100		L1 () 200		N (),	
ZA 00.40		ZA 00.40 H		400	
ZA 00.50		ZA 00.50 H		500	
ZA 00.60		ZA 00.60 H		600	
ZA 00.60 K		–		800	
ZA 00.80		ZA 00.80 H		1000	
ZA 00.80 K		–		500	
ZA 00.100		ZA 00.100 H		600	
ZA 00.50 S		ZA 00.50 HS		800	
ZA 00.60 S		ZA 00.60 HS			
ZA 00.80 S		ZA 00.80 HS			

	L1 (),	N1 (),
MG 40.03	24	400
MG 50.03		500
MG 60.03		600
MG 80.03		800
MG 40.06	49	400
MG 50.06		500
MG 60.06		600
MG 80.06		800
MG 100.06		1000
MG 120.06		1200
MG 40.09	74	400
MG 50.09		500
MG 60.09		600
MG 80.09		800
MG 100.09		1000
MG 120.09		1200

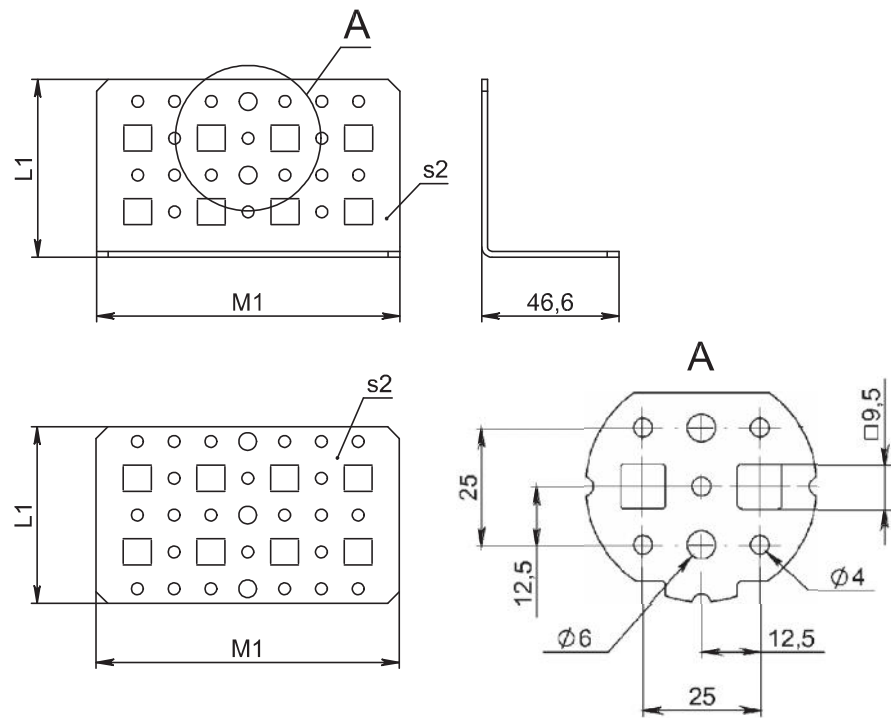


	L1 (),	N2 (),
MG 40.06 L	49	400
MG 50.06 L		500
MG 60.06 L		600
MG 80.06 L		800
MG 100.06 L		1000
MG 120.06 L		1200
MG 40.09 L	74	400
MG 50.09 L		500
MG 60.09 L		600
MG 80.09 L		800
MG 100.09 L		1000
MG 120.09 L		1200
MG 180.09 L		1800
MG 200.09 L		2000
MG 220.09 L		2200

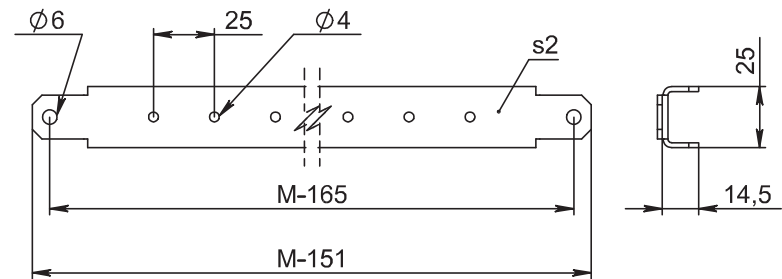


	M1 (),	L1 (),
MP 06.10 PL	60	103

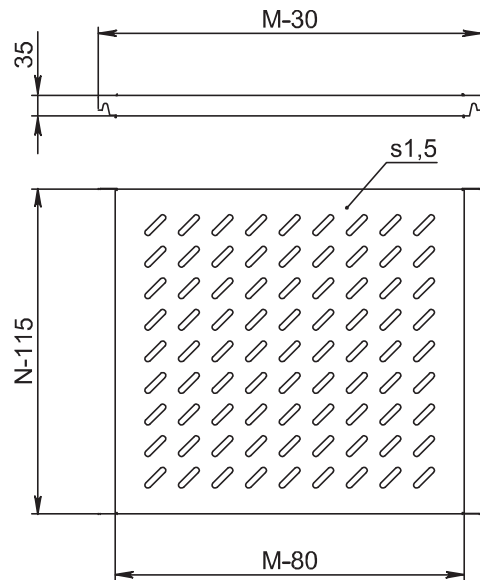
	M1 (),	L1 (),
MP 06.10 P	60	103
MP 10.10 P	103	103



	M (),
VB 40 G	400
VB 50 G	500
VB 60 G	600
VB 80 G	800



	M (),	N (),
SH 60.60	600	600
SH 80.60	800	600
SH 80.80	800	800



1.

		$S \text{ (} ^\circ\text{)} = \text{ } , \text{ } = \text{ } , \text{ } = \text{ }$
<input type="checkbox"/>		$S = 1,8 \times \text{ } \times (\text{ } + \text{ }) + 1,4 \times \text{ } \times \text{ }$
<input type="checkbox"/>		$S = 1,4 \times \text{ } \times (\text{ } + \text{ }) + 1,8 \times \text{ } \times \text{ }$
<input type="checkbox"/>		$S = 1,4 \times \text{ } \times (\text{ } + \text{ }) + 1,8 \times \text{ } \times \text{ }$
<input type="checkbox"/>		$S = 1,4 \times \text{ } \times (\text{ } + \text{ }) + 1,4 \times \text{ } \times \text{ }$
<input type="checkbox"/>		$S = 1,8 \times \text{ } \times \text{ } + 1,4 \times \text{ } \times \text{ } + \text{ } \times \text{ }$
<input type="checkbox"/>		$S = 1,4 \times \text{ } \times (\text{ } + \text{ }) + \text{ } \times \text{ }$
<input type="checkbox"/>		$S = 1,4 \times \text{ } \times \text{ } + 0,7 \times \text{ } \times \text{ } + \text{ } \times \text{ }$

$$S = \text{ } ^\circ$$

2.

$$P = \text{ }$$

3.

$$T = \text{ } ^\circ\text{C}$$

$$T = \text{ } ^\circ\text{C}$$

$$rH = \text{ } \%$$

$$Tr = \text{ } ^\circ\text{C}$$

4.

$$T = \text{ } ^\circ\text{C}$$

$$T = \text{ } ^\circ\text{C}$$

MPS 200.80.60
= 2,0 , = 0,8 , = 0,6

$$S = 5,42 ^\circ$$

$$P = 1000$$

$$T = 30 ^\circ\text{C}$$

$$T = 15 ^\circ\text{C}$$

$$rH = 80 \%$$

$$Tr = 26 ^\circ\text{C}$$

$$T = 35 ^\circ\text{C}$$

$$T = 26 ^\circ\text{C}$$

5.

$T = P / (K \times S + T)$

$T = \text{_____}^{\circ}\text{C}$

$T = 64^{\circ}\text{C}$

$T = P / (K \times S + T)$

$T = \text{_____}^{\circ}\text{C}$

$T = 49^{\circ}\text{C}$

$K = 5,5 / ^{\circ}\text{C} / \text{mm}^2$;
 $K = 3,7 / ^{\circ}\text{C} / \text{mm}^2$

6.

$T < T$, -

$T > T$:
 $P = K \times S (T - T) - P$
 $P = K \times S (T - T)$

$T < T$:
 $P = P - K \times S (T - T)$

$T > T$, -

$P = \sim 850$

()

	, °C							
	20	25	30	35	40	45	50	55
40	6	11	15	19	24	28	33	37
50	9	14	19	23	28	32	37	41
60	12	17	21	26	31	36	40	45
70	14	19	24	29	34	38	43	48
80	16	21	26	31	36	41	46	51
90	18	23	28	33	38	43	48	53
100	20	25	30	35	40	45	50	55

P, :

Глубина, м	Сила, кН
1,1	85
2,2	110
5	195
11	360
15	480
22	650
37	850
45	1100
75	1700
90	2000
110	2400

Глубина, м	(24 °), кН	(48 °), кН
2,5	18	26
5	35	45
10	50	85
15	110	100
20	120	160
25	—	210

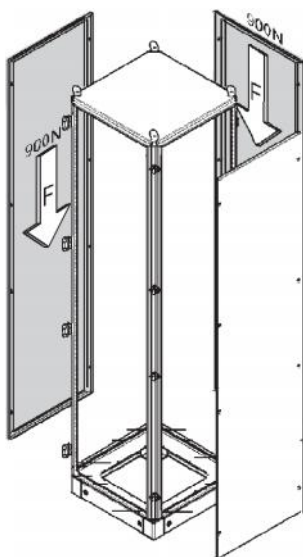
(cos = 0,8)

Глубина, м	Сила, кН
63	15
100	25
250	45
400	70
1000	110
1600	140
2000	300
4000	445
6300	550
10000	1000
12500	1390
16000	1600
20000	2000
25000	2500

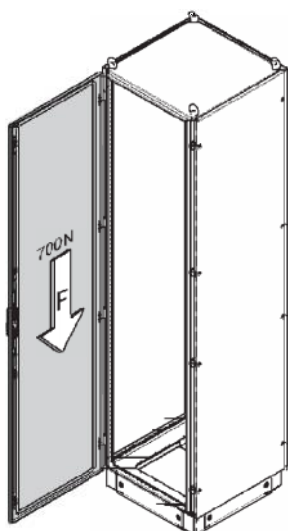
1

Глубина, м	Сила, кН	Сила, кН ²	(90 °), кН
220	1	20 3	33
400	1	30 5	50
600	1	50 5	96
700	1	63 5	104
900	1	80 5	136
1000	2	50 5	134
1050	1	100 5	148
1200	1	125 5	154
1150	2	63 5	141
1450	2	80 5	176
1600	2	100 5	171

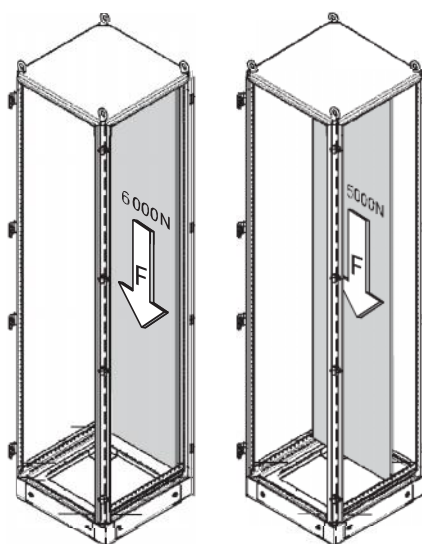
Глубина, м	Сила, кН	Сила, кН
16	3	6
25	4	9
50	8	17
100	11	50
160	16	70
250	18	85
500	35	220
800	45	290
1000	50	370
1600	110	800
2500	175	1050
3200	233	1350



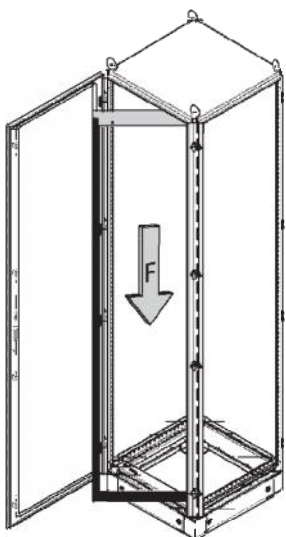
	900 N
--	-------



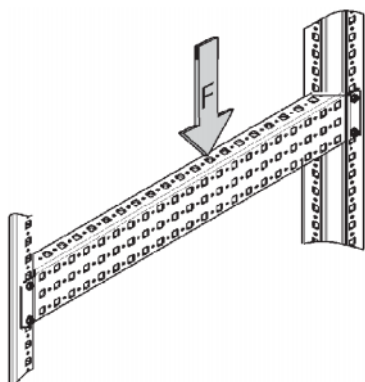
	700 N
--	-------



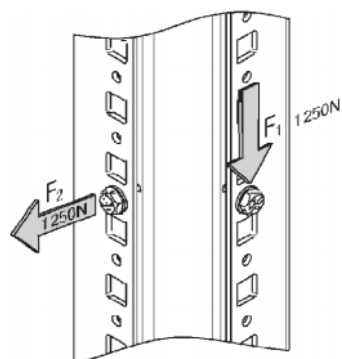
	6000 N
	5000 N



	1500 N
	1200 N



			, N
MG 40.03	24	400	700
MG 50.03		500	
MG 60.03		600	
MG 80.03		800	560
MG 40.06 (L)	49	400	2400
MG 50.06 (L)		500	2000
MG 60.06 (L)		600	1700
MG 80.06 (L)		800	1400
MG 100.06 (L)		1000	1000
MG 120.06 (L)		1200	800
MG 40.09 (L)	74	400	2400
MG 50.09 (L)		500	
MG 60.09 (L)		600	
MG 80.09 (L)		800	1800
MG 100.09 (L)		1000	1400
MG 120.09 (L)		1200	1200
MG 40.04 CL	38	400	700
MG 50.04 CL		500	
MG 60.04 CL		600	
MG 80.04 CL		800	560



	1250 N
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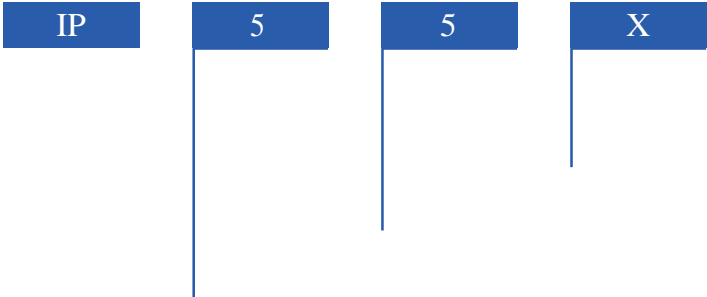
	65 °
	2 +
*	
	110 °
	180 °

IK (EN 50 102)

IK	
00	
01	0,15
02	0,2
03	0,35
04	0,5
05	0,7
06	1
07	2
08	5
09	10
10	20

IP (14254-96, EN 60 529/IEC 529)

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0			0		
1	50	50	1		
2	12	80 12	2	15°	15°
3	2,5	2,5 2,5	3		60°
4	1,0	1,0 1,0	4		
5			5		
6			6		
			7		
			8		



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