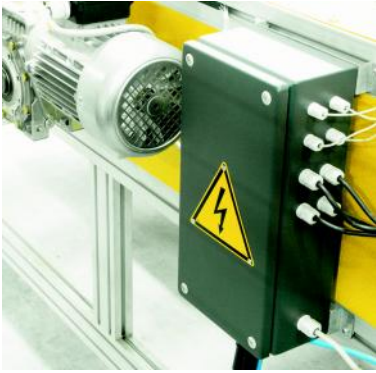


КОРПУСЫ ДЛЯ СРЕДСТВ АВТОМАТИЗАЦИИ





(- IP66).





1.	4
2.	6
3.	8
MBS	8
SBS (-)	9
MBV	10
	12
MES 80 120	12
MES 155, 210, 250 300	13
MES 400	14
MEV 80 120	15
MEV 210, 250 300	16
MED 250 300	17
MED 400	18
SES (-)	19
4.	20
	32
5.	34
	58
	58
	61
	61
	63
	64

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 IP66
 : IK08
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 DIN- , (. .)

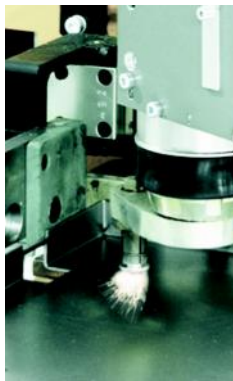
M	E	S	120.	80.	30
M – S –	B – E –	S – D – V –	() ()		



1.



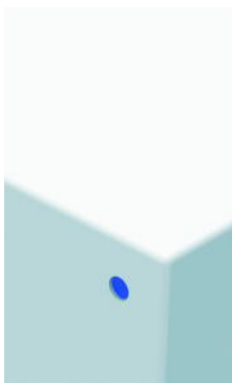
2.



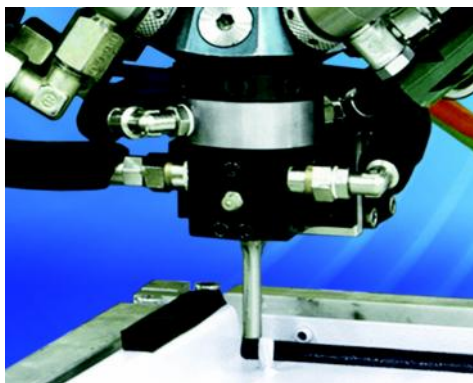
1.

2.

3.



4.



3.

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5.



6.



+70 °C.

5.

6.

7.



8.

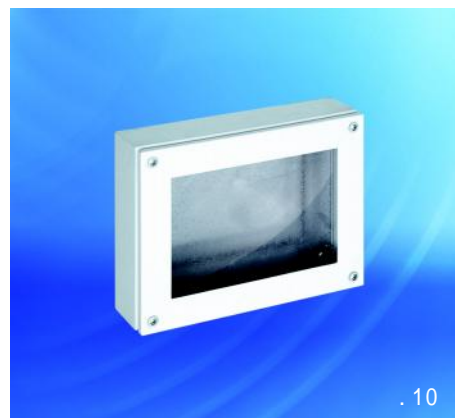


7.

8.

-40

180°



■ MBS

■ SBS

■ MBV

		100		120		150		200		300		400		600		800	
100	60	MBS	SBS			MBS											
120	60			MBS	SBS												
150	60					MBS											
	80					MBS	SBS	MBS		MBS	SBS						
	120					MBS		MBS		MBS							
200	80							SBS		MBS	SBS		MBS				
	120							MBS		MBV	MBS		MBV		MBV		
300	80									MBS			MBS		MBS		
	120									MBS	SBS	MBV	MBS	SBS	MBV	MBS	MBV
400	120												MBS		MBV	MBS	MBV

	MBS	SBS	MBV	MES	SES	MEV	MED
	IP66	IP66	IP66	IP66 (IP56)	IP66 (IP56)	IP66 (IP56)	IP55
	IK10	IK10	IK08	IK10	IK10	IK08	IK10
	1,2 , RAL 7035	1,2 , RAL 7035	1,2 , RAL 7035	1,2-1,5 , RAL 7035	1,2-1,5 , RAL 7035	1,5 , RAL 7035	1,5 , RAL 7035
	2,0 ,	2,0 ,	2,0 ,	2,0-2,5 ,	2,0-2,5 ,	2,0-2,5 ,	2,0-2,5 ,



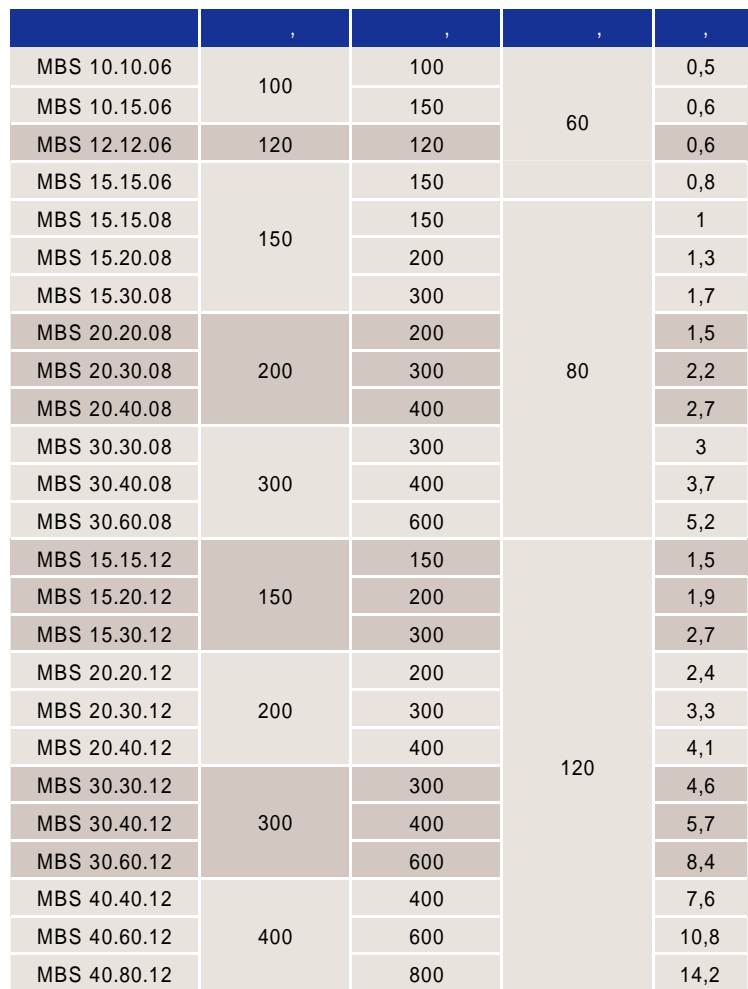
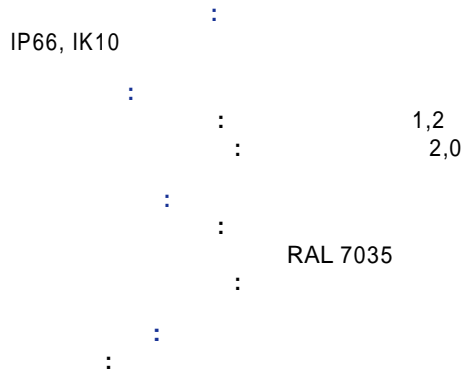
MES

SES

MEV

MED

1	2	3																	
		200		300			400			500			600			800			1000
200	80	MES																	
	120	MES																	
300	80	MES		MES		MEV													
	120	MES		MES		MEV													
	155	MES	SES	MES			MES	SES											
400	120			MES															
	155			MES	SES														
	210			MES			MES	SES				MES							
500	210			MES			MES	SES	MEV	MES	SES								
	250						MES		MEV										
600	210						MES	SES	MEV			MES							
	250						MES		MEV			MES	SES						
700	210									MES		MEV							
	250									MES	SES	MEV							
800	210											MES		MEV					
	250											MES		MEV				MED	
	300											MES	SES	MEV	MES			MED	MED
	400											MES							
1000	210											MES		MEV					
	250											MES		MEV					
	300											MES		MEV	MES	SES	MEV		
	400											MES							
1200	210											MES		MEV					
	300											MES		MEV	MES	SES	MEV		
	400											MES			MES			MED	
1400	400											MES			MES			MED	
1600	400											MES							





IP66, IK10
AISI 304 1,2
2,0

(120),

AISI 316,
. 20 – 31
. 36 – 37

SBS 10.10.06	100	100	60	0,5
SBS 12.12.06	120	120		0,6
SBS 15.15.08	150	150	80	1
SBS 15.30.08		300		1,7
SBS 20.20.08	200	200		1,5
SBS 20.30.08		300		2,2
SBS 30.30.12	300	300	120	4,6
SBS 30.40.12		400		5,7

SBS –



	?	?	?	?
MBV 20.20.12	200	200	120	2,4
MBV 20.30.12		300		3,3
MBV 20.40.12		400		4,1
MBV 30.30.12	300	300		4,6
MBV 30.40.12		400		5,7
MBV 30.60.12		600		8,4
MBV 40.40.12	400	400		7,6
MBV 40.60.12		600		10,8
MBV 40.80.12		800		14,2







IP66, IK10
1,2
2,0
180°
RAL 7035



MES 20.20.08	200	200	80	1,7
MES 30.20.08	300	200		2,6
MES 30.30.08		300		3,6
MES 20.20.12	200	200	120	2,0
MES 30.20.12	300	200		2,8
MES 30.30.12		300		4,0
MES 40.30.12		300		5,2

20 – 31
40





IP66 (IP56), IK10
 1,2–1,5
 2,0–2,5
 180°
 RAL 7035
 .41 . 20 – 31

MES 30.20.15	300	200	155	3,8
MES 30.30.15		300		5,2
MES 30.40.15		400		6,6
MES 40.30.15	400	300	210	6,6
MES 40.30.21		400		7,5
MES 40.40.21		400		9,3
MES 40.60.21	500	600	250	12,9
MES 50.30.21		300		9,1
MES 50.40.21		400		11,3
MES 50.40.25	600	500	210	12
MES 50.50.21		500		13,5
MES 60.40.21		400		13,1
MES 60.40.25	700	600	250	13,9
MES 60.60.21		600		18,4
MES 60.60.25		600		19,4
MES 70.50.21	800	500	210	18
MES 70.50.25		500		19
MES 80.60.21		600		23,7
MES 80.60.25	1000	600	250	24,9
MES 80.60.30		800		26,4
MES 80.80.30		800	300	33,6
MES 100.60.21	1200	600		29,2
MES 100.60.25		600		30,6
MES 100.60.30		800		32,3
MES 100.80.30	1200	600	300	40,9
MES 120.60.21		600		34,5
MES 120.60.30		800		37,5
MES 120.80.30		800		48,3



ID 50.40	3,4
–	–
ID 60.40	4,3
–	–
–	–
–	–
–	–
ID 80.60	7,7
–	–
ID 100.60	9,6
–	–
ID 120.60	11,5
–	–

MC 50.40	3,8
–	–
MC 60.40	4,5
–	–
–	–
–	–
–	–
MC 80.60	8,1
–	–
MC 100.60	10,4
–	–
MC 120.60	11,2
–	–

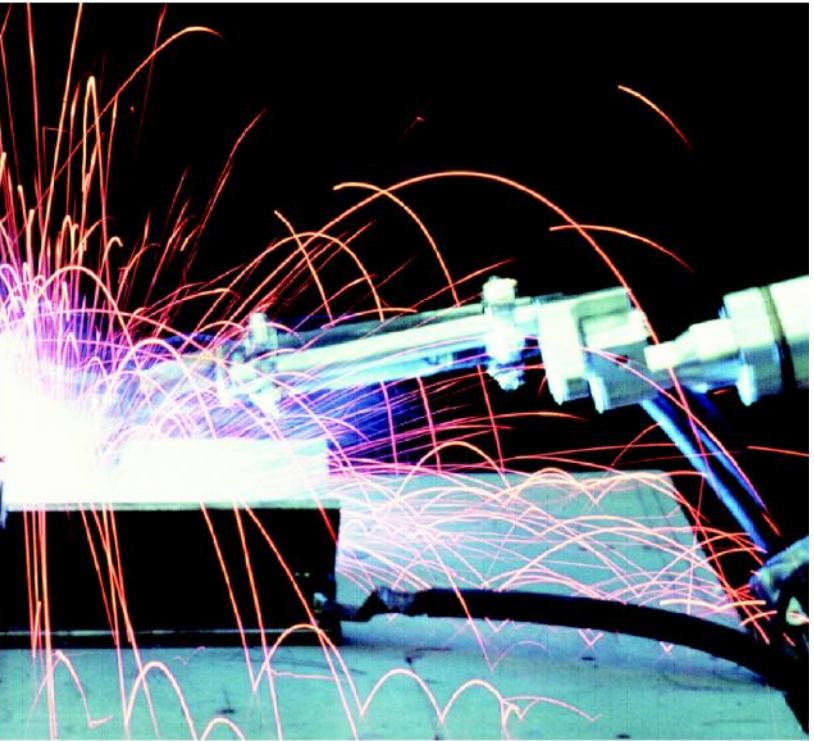


IP56, IK10
1,5
1,5–2,0
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2,0–2,5
(
1,2
RAL 7035



. 20 – 31
. 42

MES 80.60.40	800	600	400	36,9
MES 100.60.40	1000	600		44,1
MES 120.60.40	1200	600		51,1
MES 120.80.40		800		63,6
MES 140.60.40	1400	600		58,4
MES 140.80.40		800		72,5
MES 160.60.40	1600	600		65,4





IP66, IK08
1,2
1,2
4,0
180°
RAL 7035

2 DIN-

MEV 30.30.08 M	300	300	80	2,8
MEV 30.30.08 PG				2,8
MEV 30.30.12 M			120	3,2
MEV 30.30.12 PG				3,2

	12,5 (12)	20,5 (20)	25,5 (25)	32,5 (32)	50,5 (50)
MEV 30.30.08 M	2	9	2	–	–
MEV 30.30.12 M	–	2	–	5	1

	15,5 (PG 9)	19 (PG 11)	23 (PG 16)	29 (PG 21)	21 (PG 13,5)	37,5 (PG 29)	47,5 (PG 36)
MEV 30.30.08 PG	1	14	1	1	–	–	–
MEV 30.30.12 PG	–	–	–	–	2	5	1



IP66 (IP56), IK08

1,5

1,5

4,0

180°

RAL 7035

. 20 – 31

. 46



MEV 50.40.21	500	400	210	8,7
MEV 50.40.25		400	250	9,4
MEV 60.40.21	600	400	210	10,0
MEV 60.40.25		400	250	10,8
MEV 70.50.21	700	500	210	13,3
MEV 70.50.25		600	250	14,3
MEV 80.60.21	800	600	210	17,1
MEV 80.60.25		600	250	18,3
MEV 80.60.30		600	300	19,8
MEV 100.60.21	1000	600	210	20,8
MEV 100.60.25		600	250	22,2
MEV 100.60.30		600	300	23,9
MEV 100.80.30		800	300	29,5
MEV 120.60.21	1200	600	210	24,4
MEV 120.60.30		600	300	27,9
MEV 120.80.30		800	300	34,5

ID 50.40	3,4
ID 60.40	4,3
ID 70.50	5,7
ID 80.60	7,7
ID 100.60	9,6
ID 100.80	11,6
ID 120.60	11,5
ID 120.80	14

MC 50.40	3,8
MC 60.40	4,5
—	—
—	—
MC 80.60	8,1
MC 100.60	10,4
—	—
MC 120.60	11,2
—	—

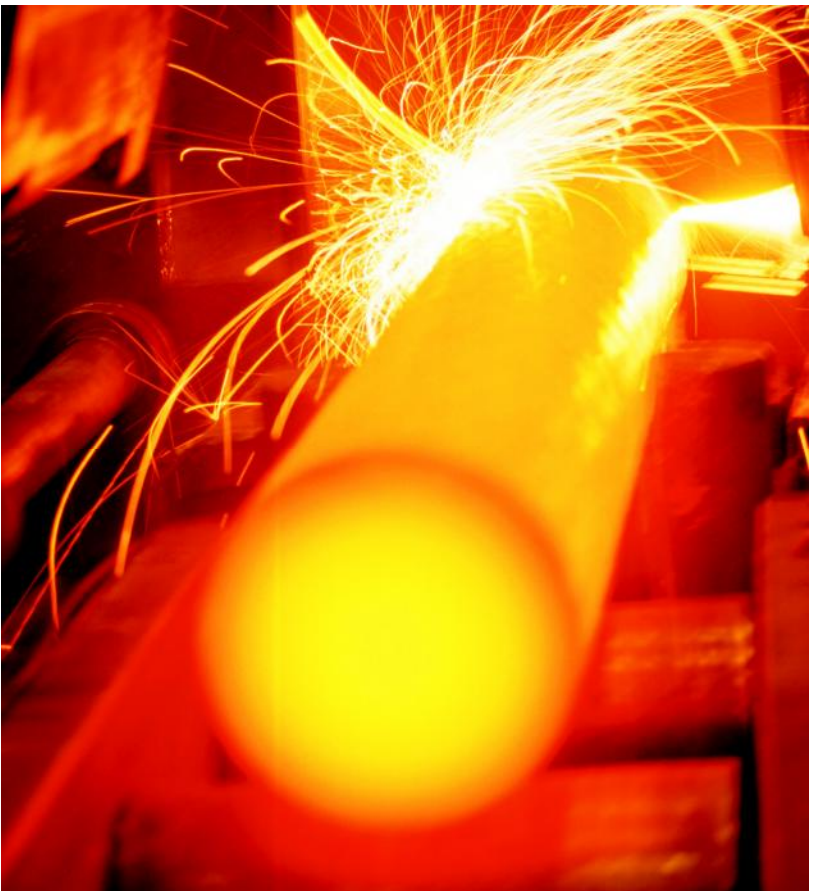


IP55, IK10
180°
1,5
2,5
RAL 7035



MED 80.100.25	800	1000	250	39,4
MED 80.100.30			300	41,4
MED 80.120.30		1200		48,5

. 20 – 31
. 48



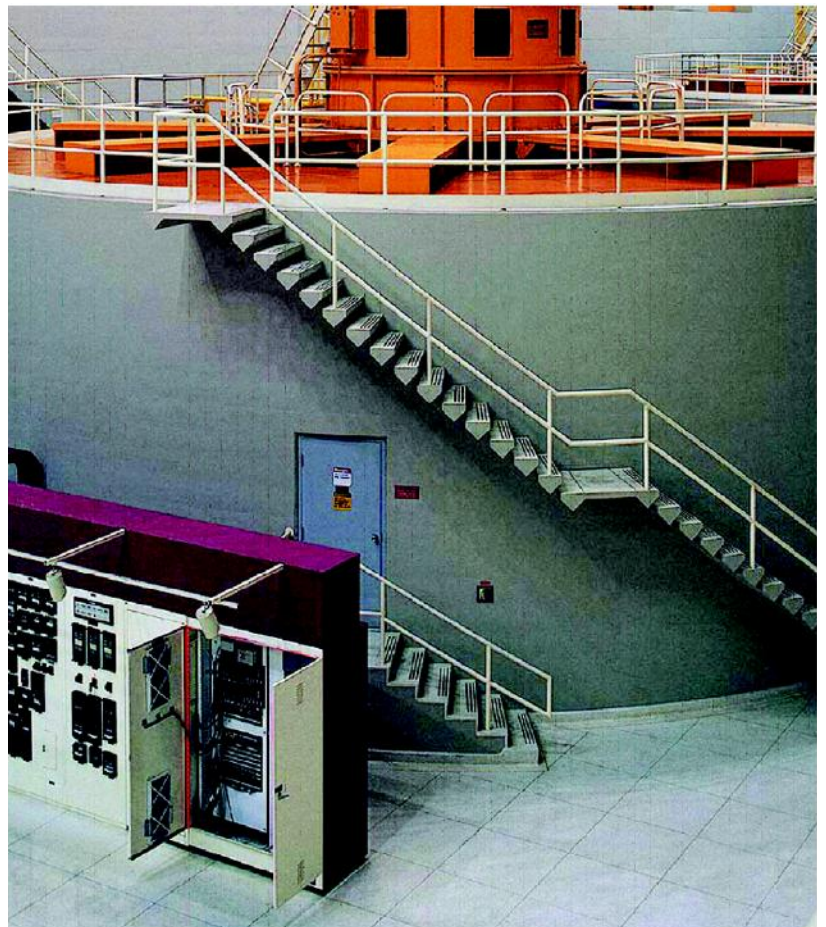


IP55, IK10 : :
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1,5 : :
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1,5–2,0 :
() : 180°
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2,5 :
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1,2 :
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RAL 7035
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MED 120.100.40	1200	1000	400	78,4
MED 140.100.40	1400			89,1

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. 20 – 31
:
. 49





IP66 (IP56), IK10
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 AISI 304 1,2–1,5 180°
 ()
 2,0–2,5
 ()

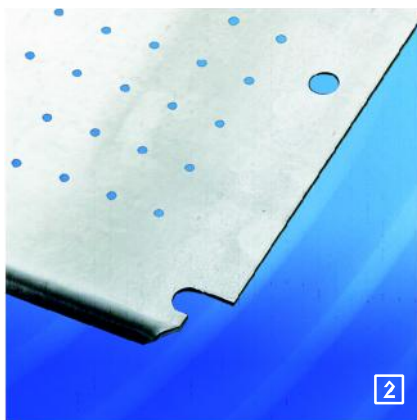
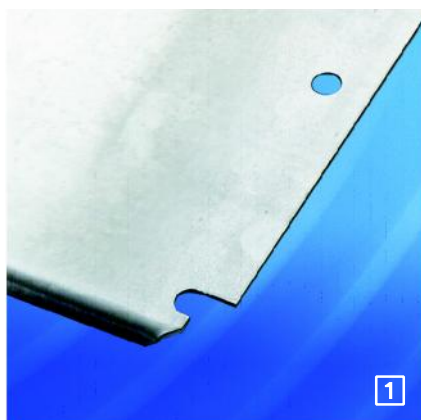


AISI 316,
 . 20 – 31
 . 50

SES 30.20.15	300	200	155	3,8
SES 30.40.15		400		6,6
SES 40.30.15	400	300	210	6,6
SES 40.40.21		400		9,3
SES 50.40.21	500	400		11,3
SES 50.50.21		500		13,5
SES 60.40.21	600	400	250	13,1
SES 60.60.25		600		19,4
SES 70.50.25	700	500	300	19
SES 80.60.30	800	600		26,4
SES 100.80.30	1000	800		40,2
SES 120.80.30	1200	800		47,6

SES –

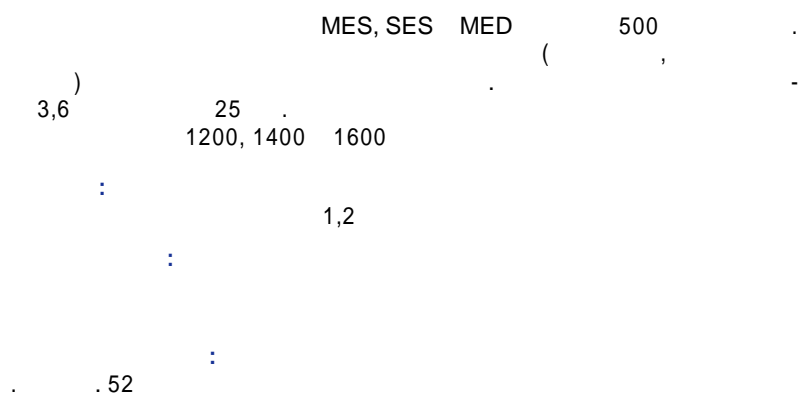




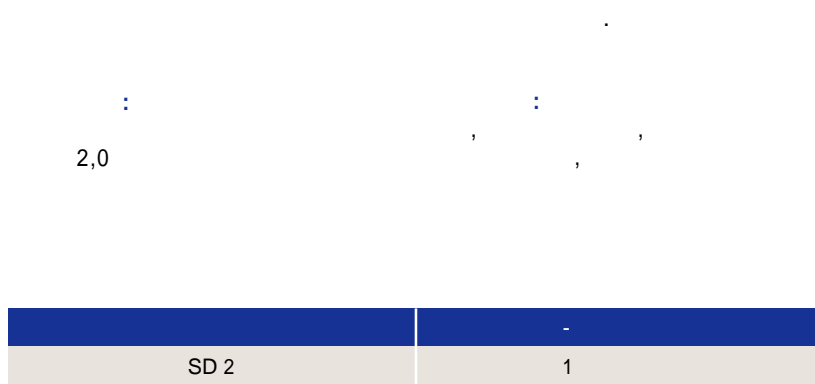
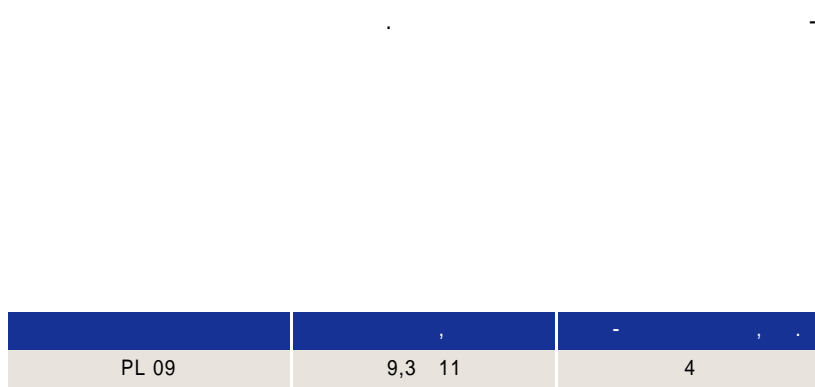
MES, SES, MEV MED

2,0-2,5
(
1-
2-
3,6 (4,0 (25
2) 2,5)
: . 51

MP 20.20	MP 20.20 P	200	200	0,4	1
MP 30.20	MP 30.20 P	300	200	0,6	1
MP 30.30	MP 30.30 P		300	1,1	1
MP 30.40	MP 30.40 P		400	1,5	1
MP 40.30	MP 40.30 P	400	300	1,5	1
MP 40.40	MP 40.40 P		400	2,1	1
MP 40.60	MP 40.60 P		600	3,1	1
MP 50.30	MP 50.30 P	500	300	2	1
MP 50.40	MP 50.40 P		400	2,6	1
MP 50.50	MP 50.50 P		500	3,4	1
MP 60.40	MP 60.40 P	600	400	3,1	1
MP 60.60	MP 60.60 P		600	4,9	1
MP 70.50	MP 70.50 P	700	500	4,7	1
MP 80.60	MP 80.60 P	800	600	6,6	1
MP 80.80	MP 80.80 P		800	9	1
MP 100.60	MP 100.60 P	1000	600	8,4	1
MP 100.80	MP 100.80 P		800	11,4	1
MP 120.60	MP 120.60 P	1200	600	10,1	1
MP 120.80	MP 120.80 P		800	13,8	1
MP 120.100	MP 120.100 P		1000	21,7	1
MP 80.100	MP 80.100 P	800	1000	11,5	1
MP 80.120	MP 80.120 P		1200	13,9	1
MP 140.60	MP 140.60 P	1400	600	14,8	1
MP 140.80	MP 140.80 P		800	20,2	1
MP 140.100	MP 140.100 P		1000	25,5	1
MP 160.60	MP 160.60 P	1600	600	16,7	1



	г	г	г
VB 50	500	0,15	2
VB 60	600	0,17	2
VB 70	700	0,18	2
VB 80	800	0,19	2
VB 100	1000	0,23	2
VB 120	1200	0,28	2
VB 140	1400	0,49	2
VB 160	1600	0,57	2





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 :
 RAL 7035

DP 40 P	220	235	30	1



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LC 1C.Z	1

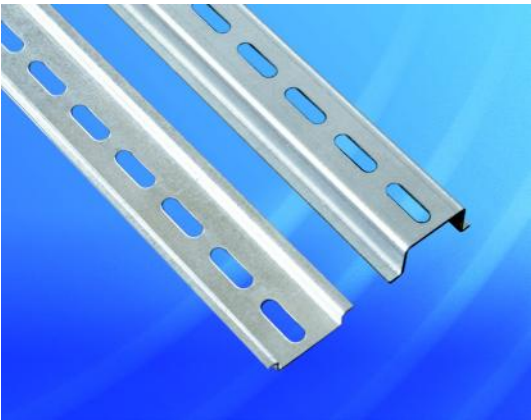


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LC 1C.ZH	1

DIN-

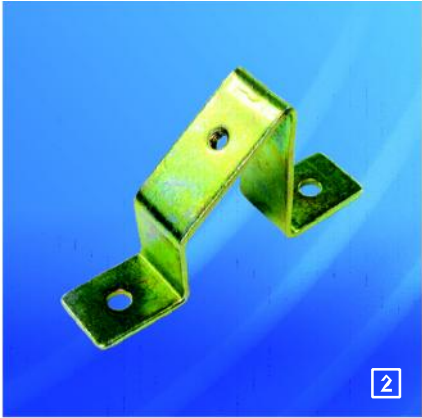


1,0-1,2
()

. 52

DR 07.150	7	200	0,07	10
DR 07.250		300	0,08	10
DR 07.350		400	0,11	10
DR 07.550		600	0,18	10
DR 07.750		800	0,25	10
DR 07.2000		–	0,65	10
DR 15.150	15	200	0,09	10
DR 15.250		300	0,11	10
DR 15.350		400	0,15	10
DR 15.550		600	0,25	10
DR 15.750		800	0,33	10
DR 15.2000		–	1,0	10

DIN-

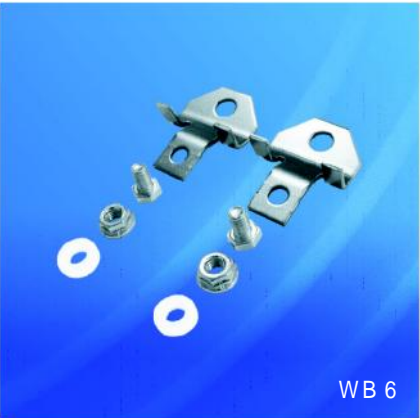


- 1-
- 2-

DIN- :
– B 5 DR
– B 5.35 DR

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2,0

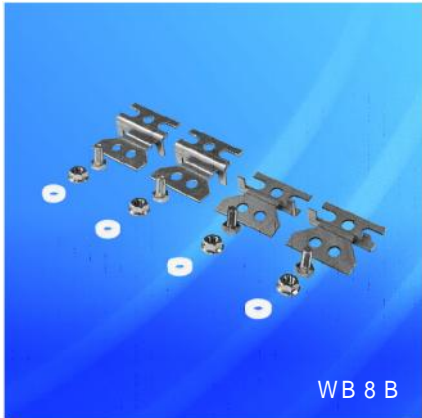
B 5 DR	10
B 5.35 DR	20



WB 6



WB 8



WB 8 B

MBS SBS 60 (MBS SBS 60) (MBS SBS 60)

(-)

: .52 :

WB 6	2,0	30	4
WB 8		60	4
WB 8 B			4
WB 6 S	AISI 304 1,5	30	4
WB 8 S		60	4
WB 8 BS			4



(-
60).

:
AISI 304 1,2

B 0 B	2



MEV

1,2

RAL 7035

.53

MB 15.35	400	0,5	1
MB 15.55	600	0,8	1
MB 20.35	400	0,6	1
MB 20.55	600	1	1
MB 25.35	400	0,8	1
MB 25.55	600	1,2	1

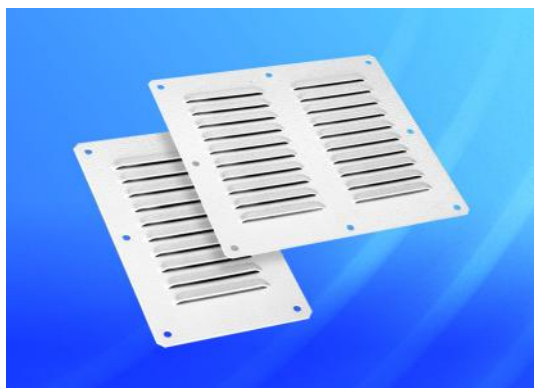


1,5

RAL 7035

.53

			16,5	20,5	25,5	32,5		
15.11	147	111	2	2	2	–	0,18	1
PK 25.11	247		4	4	4	–	0,31	1
PK 35.11	347		11	4	–	2	0,43	1
PK 25.13	247	133	4	4	2	2	0,37	1
PK 35.13	347		9	5	2	2	0,52	1
PK 45.13	447		18	5	4	2	0,67	1
PK 55.13	547		27	5	4	2	0,83	1



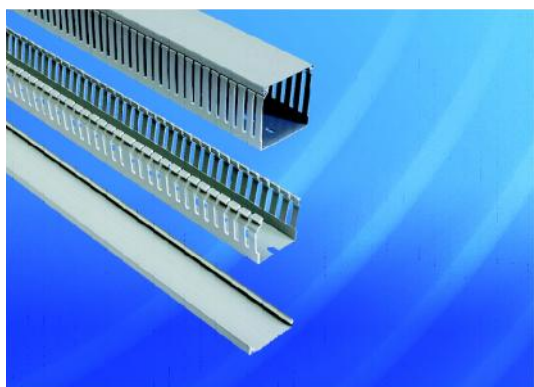
54

PV 12.20	1,2	200	120	0,19	1
PV 22.20			220	0,35	1
PV 12.20 S	RAL 7035		120	0,19	1
PV 22.20 S			220	0,35	1
	AISI 304 1,2				



2

EK 6	6	10
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RAL 7030

UL94-V0 –

6,5

-20° ... +60°

6,0

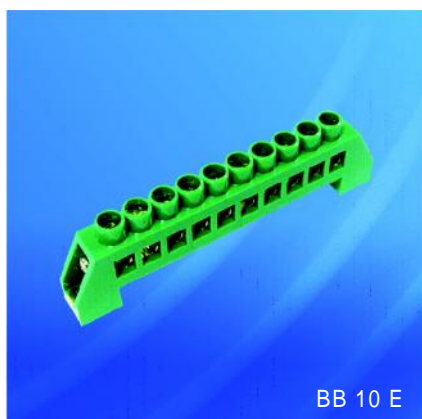
(2)

WD 25.25 P	25	25
WD 25.40 P	25	40
WD 40.40 P	40	40
WD 40.60 P	40	60
WD 40.80 P	40	80
WD 60.60 P	60	60
WD 80.80 P	80	80

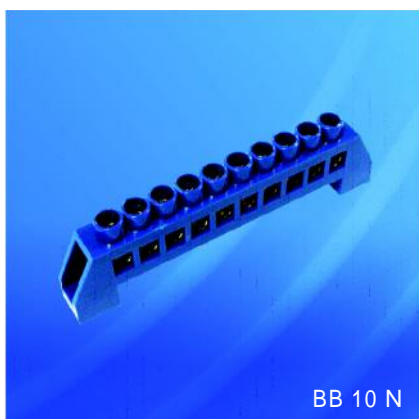


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 - , IP68 :
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 RAL 7035 -40... +100 :

GK 09 PG	15,2 (PG 9)	4–8	50
GK 11 PG	18,6 (PG 11)	5–10	50
GK 13 PG	20,4 (PG 13,5)	6–12	50
GK 16 PG	22,5 (PG 16)	10–14	25
GK 21 PG	28,3 (PG 21)	13–18	15
GK 29 PG	37,0 (PG 29)	18–25	5
GK 36 PG	47,0 (PG 36)	22–32	5
GK 12 M	12 (M12 x 1,5)	3–6,5	50
GK 16 M	16 (M16 x 1,5)	4–8	50
GK 20 M	20 (M20 x 1,5)	6–12	50
GK 25 M	25 (M25 x 1,5)	13–18	25
GK 32 M	32 (M32 x 1,5)	16–21	15
GK 40 M	40 (M40 x 1,5)	22–32	5
GK 50 M	50 (M50 x 1,5)	37–44	5



BB 10 E



BB 10 N

BB 10 E	10	1
BB 10 N	10	1



: PA 6.6
 :
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 UL94-V0 –
 :
 -40° ... +85°

CP 3.100	2,5 100	22	8	1000
CP 3.100 M*	2,5 100	22	8	300
CP 3.150	2,5 150	35	8	1000
CP 3.200	2,5 200	50	8	1000
CP 3.250	2,5 250	65	18	500
CP 3.300	2,5 300	80	18	500
CP 3.350	2,5 350	90	22	300
CP 3.400	2,5 400	105	22	300
CP 3.450	2,5 450	118	55	100

* – 25 8 ,



: PA 6.6
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 UL94-V0 –
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 -20° ... +65°

CP 25	25 25	4,8	0,2	100
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MES, SES, MEV MED.

8

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:

.53

SK 8.25	25	4
SK 8.50	50	4



600 400 250 MES MEV
800

:

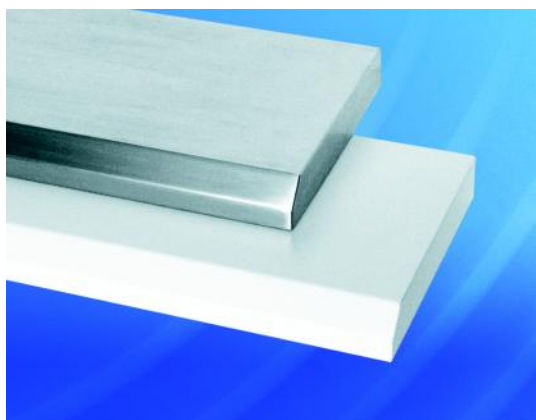
:

:

RAL 7035

.56

ZL 20.15	200	155	18,4	1
ZL 30.15	300		18,6	1
ZL 40.15	400		18,9	1
ZL 30.21	300	210	18,7	1
ZL 40.21	400		19	1
ZL 40.25	400	250	19,1	1



MES, SES, MEV MED.

:

:

.54

R 20.15	1,5 , RAL 7035	200	155	0,9	1
R 30.15		300		1,2	1
R 40.15		400		1,5	1
R 30.21		300	210	1,5	1
R 40.21		400		1,9	1
R 50.21		500		2,2	1
R 60.21		600		2,6	1
R 40.25		400	250	2	1
R 50.25		500		2,5	1
R 60.25		600		3	1
R 60.30		600	300	3,3	1
R 80.30		800		4,3	1
R 100.30		1000		5,3	1
R 120.30		1200		6,3	1
R 20.15 S	1,5 , - AISI 304	200	155	0,9	1
R 30.15 S		300		1,2	1
R 40.15 S		400		1,5	1
R 30.21 S		300	210	1,5	1
R 40.21 S		400		1,9	1
R 50.21 S		500		2,2	1
R 60.21 S		600		2,6	1
R 50.25 S		500	250	2,5	1
R 60.25 S		600		3	1
R 60.30 S		600	300	3,3	1
R 80.30 S		800		4,1	1



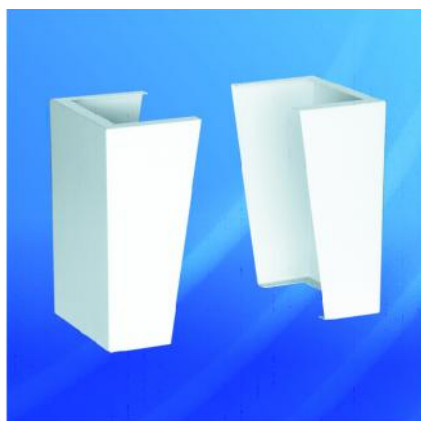
MES, MEV MED. -

100

4 , 4 :

.55 :

				, mm	- mm
		, mm	, mm		
ZA 60.25	: 1,5 , 2,0	600	250	3,1	1
ZA 60.30			300	3,2	1
ZA 60.40 C			400	7,4	1
ZA 80.25	: RAL 7021	800	250	3,7	1
ZA 80.30			300	3,8	1
ZA 80.40 C			400	8,1	1
ZA 60.30 S	: AISI 304 1,2 ,	600	300	3,0	1
ZA 80.30 S	: AISI 304 1,5 ,	800	300	3,6	1



MED MES, MEV

300 400 .

2,0 2 :

RAL 7035

.55 :

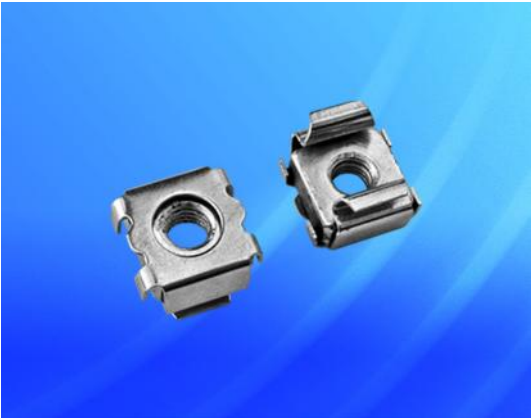
ZH 30.30	300	300	6,6	1
ZH 45.30	450		9,4	1
ZH 30.40	300	400	7,6	1
ZH 45.40	450		11,0	1



<p> , 19" </p>		
<p> : </p>		
S 5.11	4,8 11	100

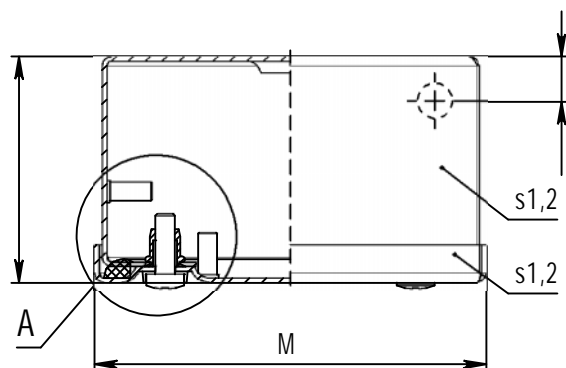
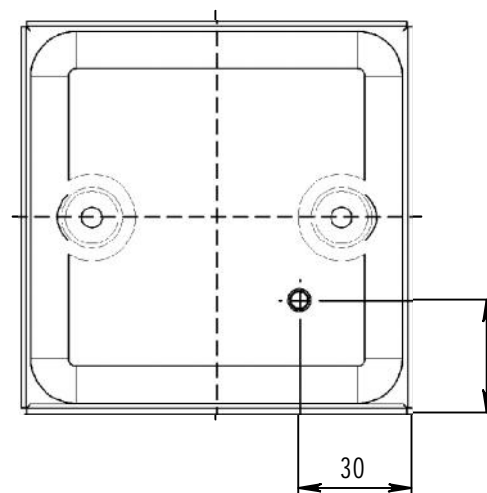
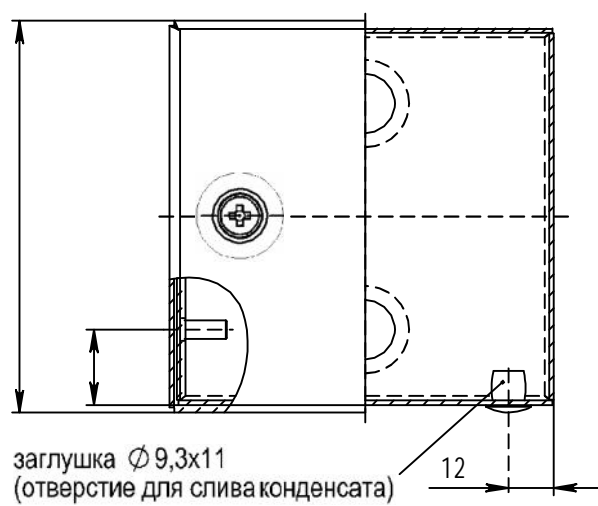


<p> 19" </p>		
<p> , 5 16 </p>		
<p> 6 16 </p>		
<p> : </p>		
S 5.16 M	5 16	100

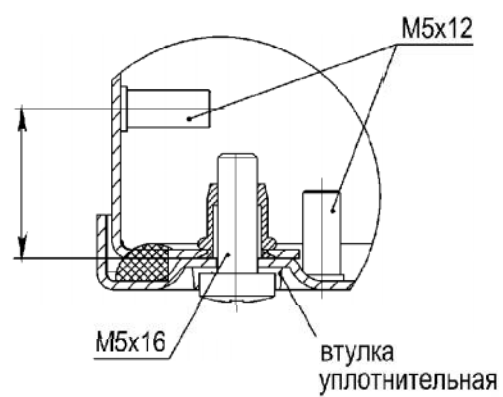


<p> , 19" </p>		
<p> : </p>		
N 5 MS	5	100



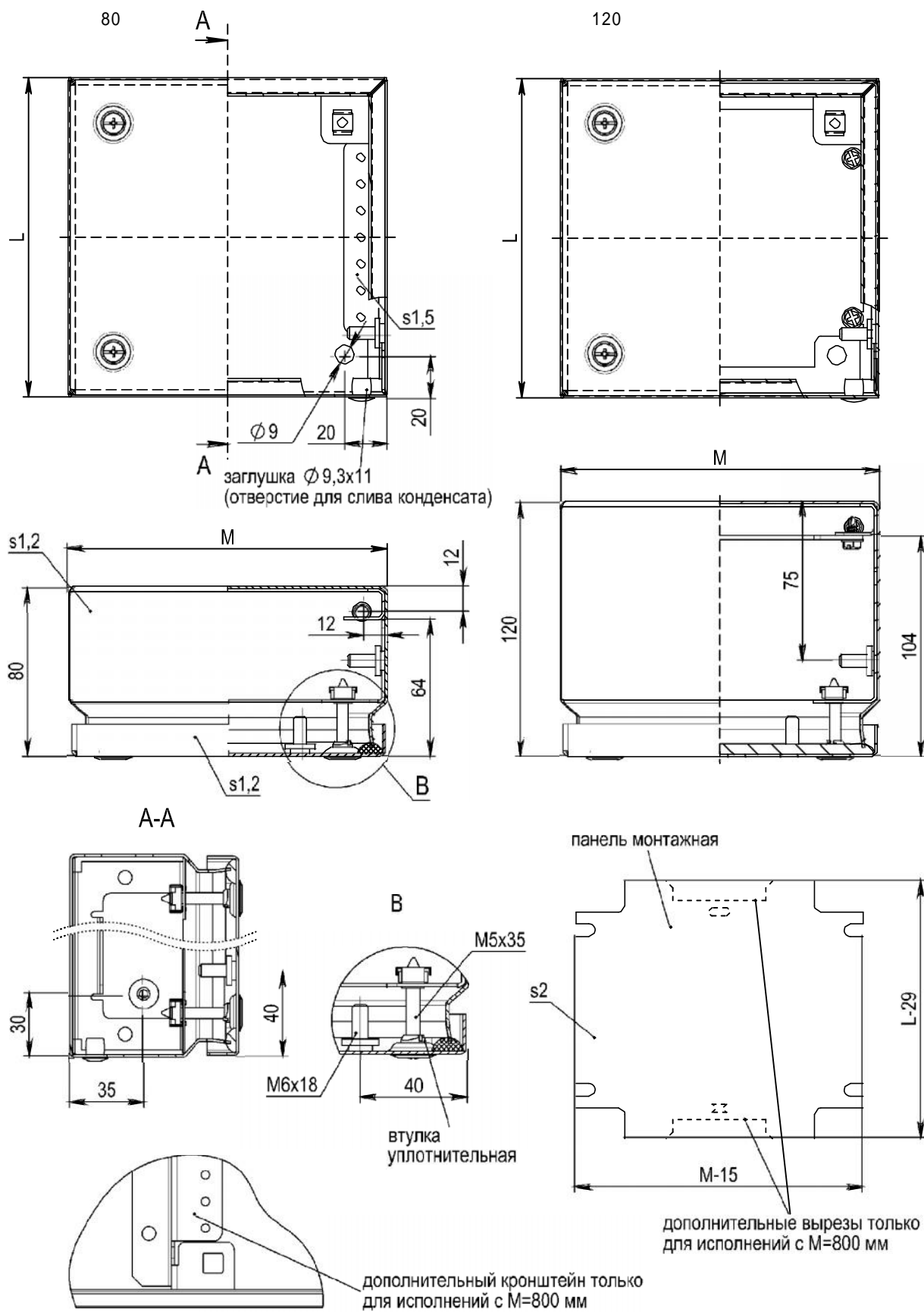


A (1 : 1)

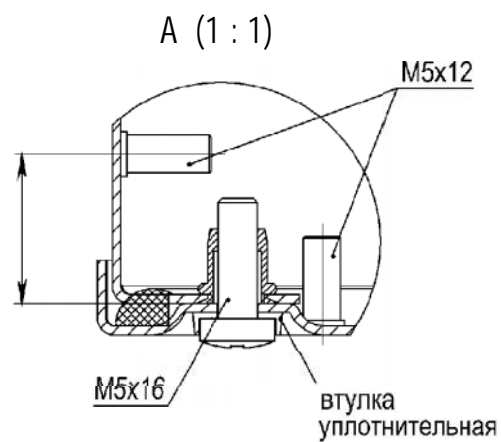
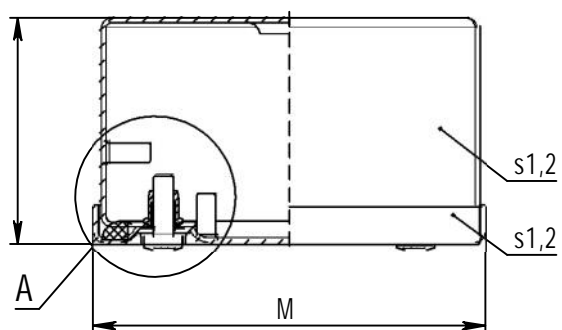
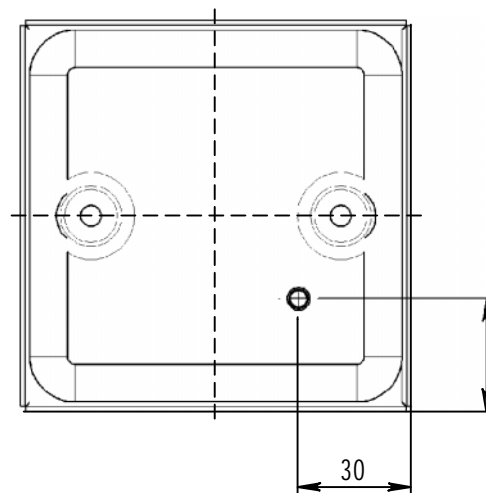
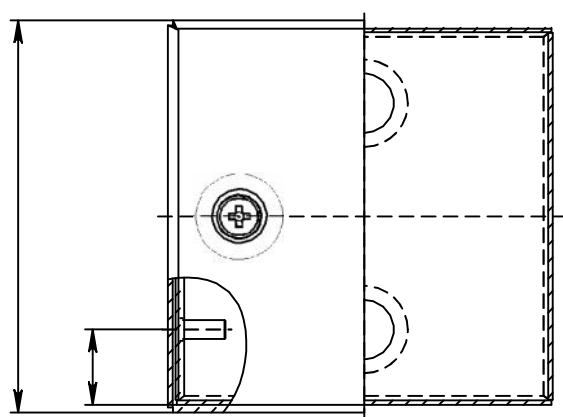


MBS

80 120



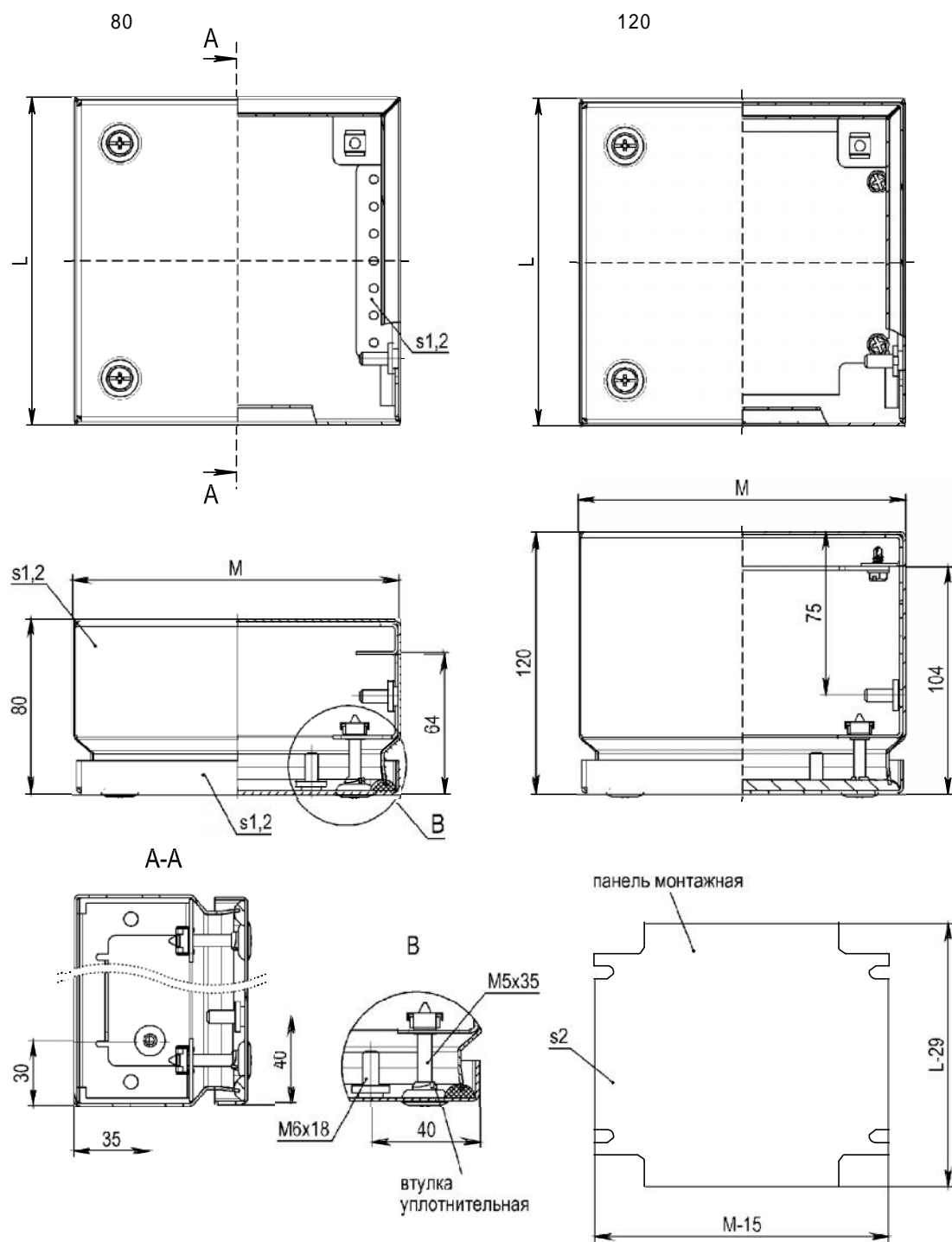
. 39



. 39

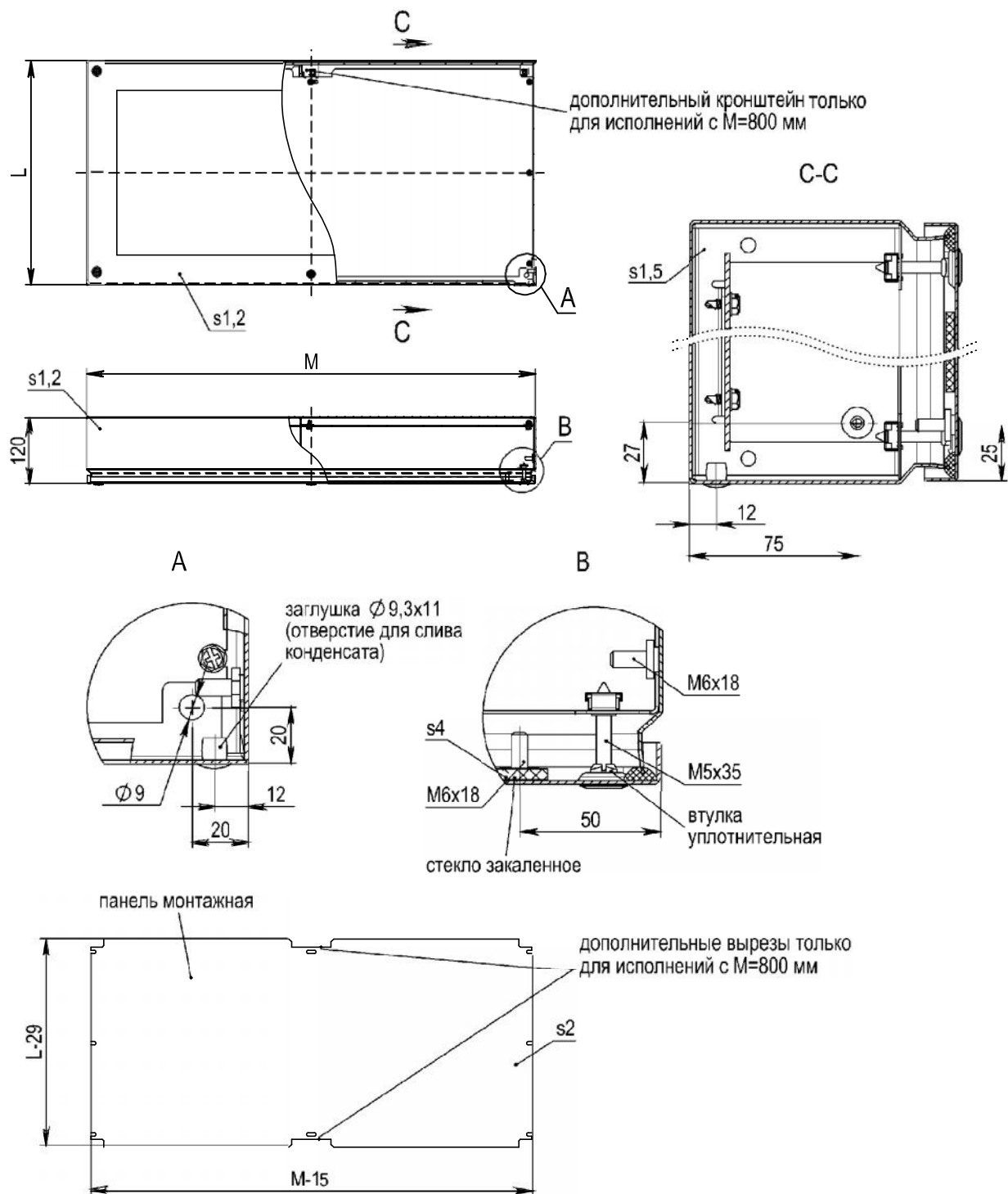
SBS

80 120



. 39

MBV



MBS

	L (),	M (),	N (),
MBS 10.10.06	100	100	60
MBS 10.15.06		150	
MBS 12.12.06	120	120	
MBS 15.15.06	150	150	80
MBS 15.15.08		150	
MBS 15.20.08		200	
MBS 15.30.08		300	
MBS 20.20.08	200	200	
MBS 20.30.08		300	
MBS 20.40.08		400	
MBS 30.30.08	300	300	120
MBS 30.40.08		400	
MBS 30.60.08		600	
MBS 15.15.12	150	150	
MBS 15.20.12		200	
MBS 15.30.12		300	
MBS 20.20.12	200	200	
MBS 20.30.12		300	
MBS 20.40.12		400	
MBS 30.30.12		300	
MBS 30.40.12	300	400	
MBS 30.60.12		600	
MBS 40.40.12	400	400	
MBS 40.60.12		600	
MBS 40.80.12		800	

SBS

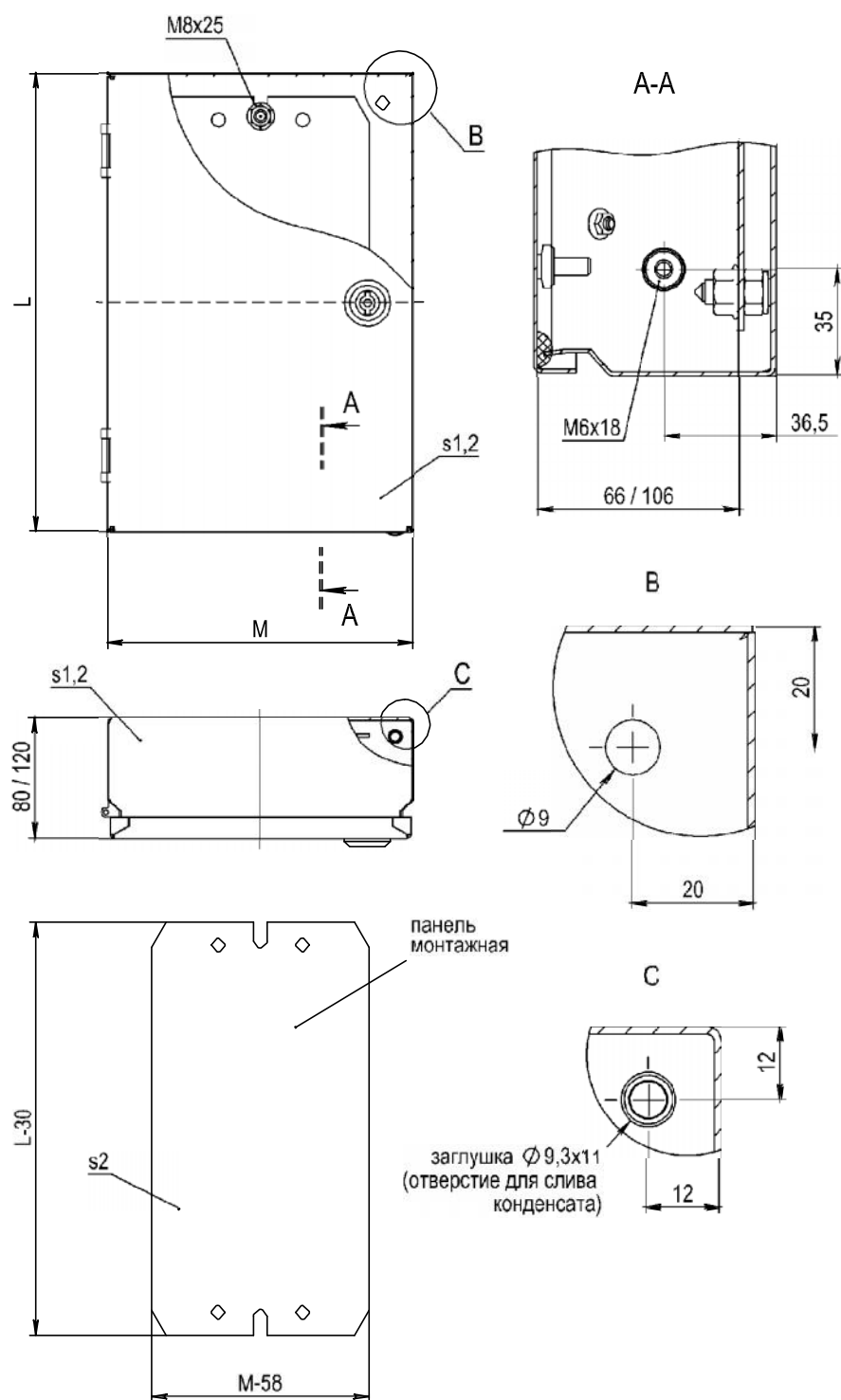
	L (),	M (),	N (),
SBS 10.10.06	100	100	60
SBS 12.12.06	120	120	
SBS 15.15.08	150	150	80
SBS 15.30.08		300	
SBS 20.20.08	200	200	
SBS 20.30.08		300	
SBS 30.30.12	300	300	120
SBS 30.40.12		400	

MBV

	L (),	M (),	N (),
MBV 20.20.12	200	200	120
MBV 20.30.12		300	
MBV 20.40.12		400	
MBV 30.30.12	300	300	
MBV 30.40.12		400	
MBV 30.60.12		600	
MBV 40.40.12	400	400	
MBV 40.60.12		600	
MBV 40.80.12		800	

MES

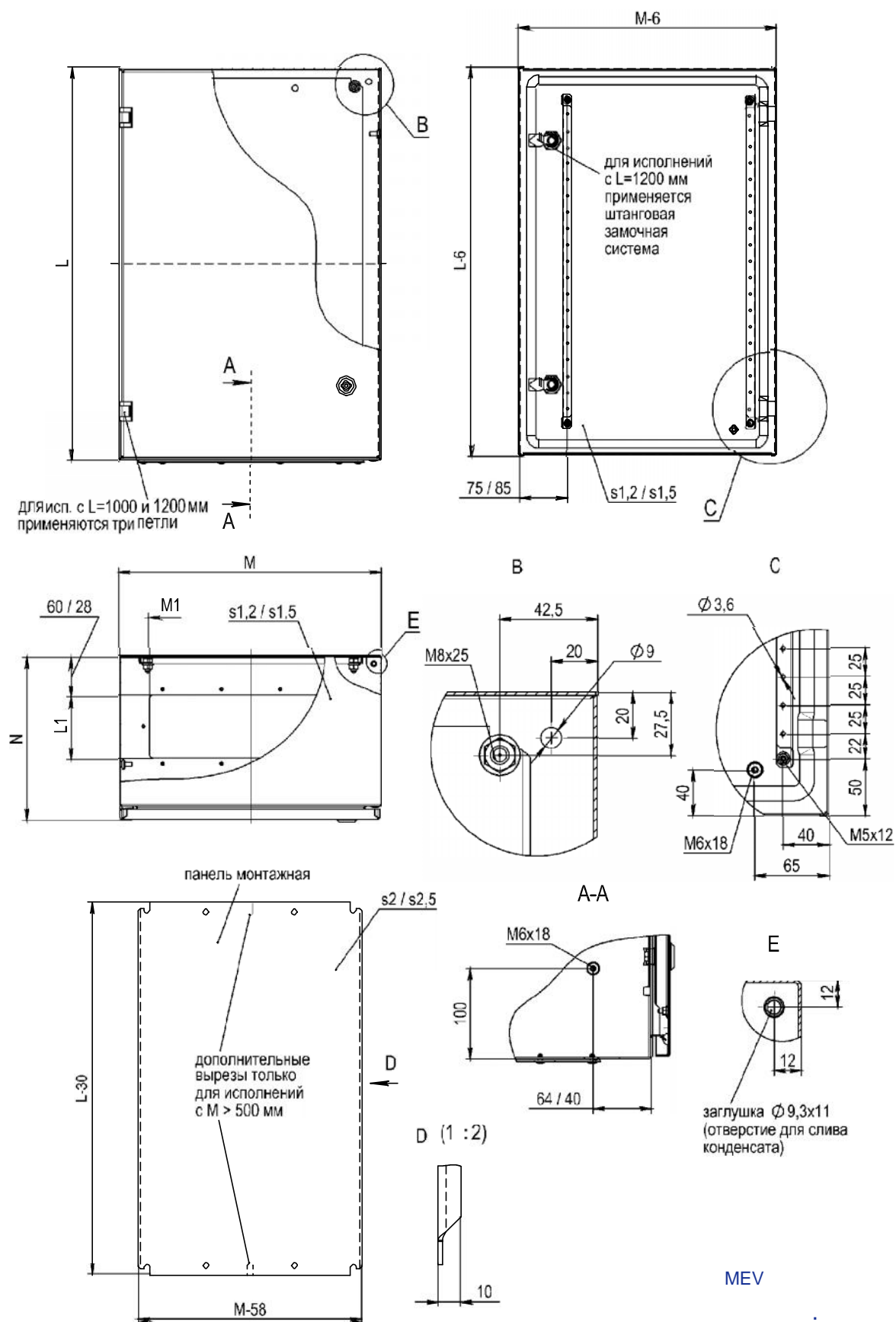
80 120



. 43

MES

155, 210, 250 300

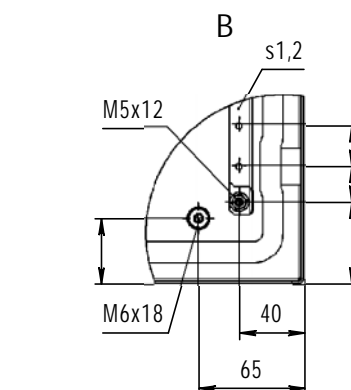
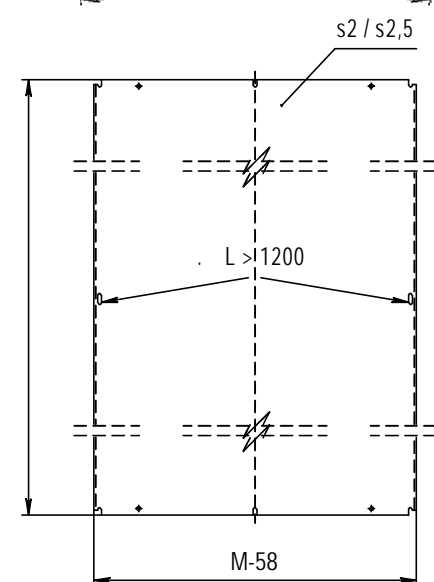
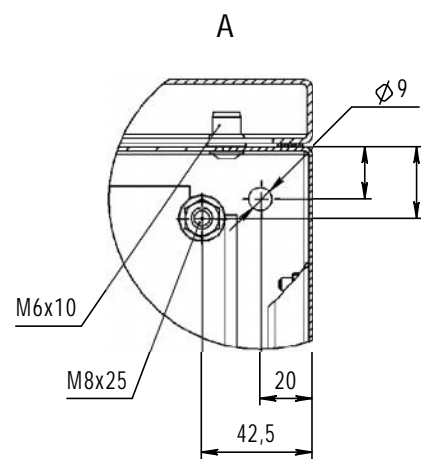
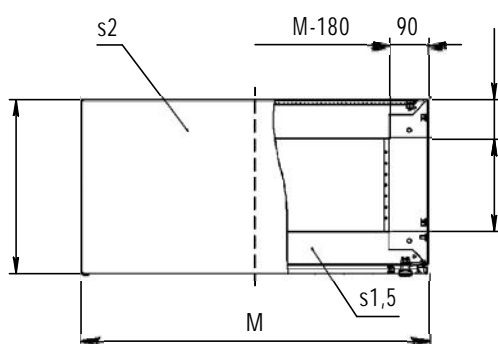
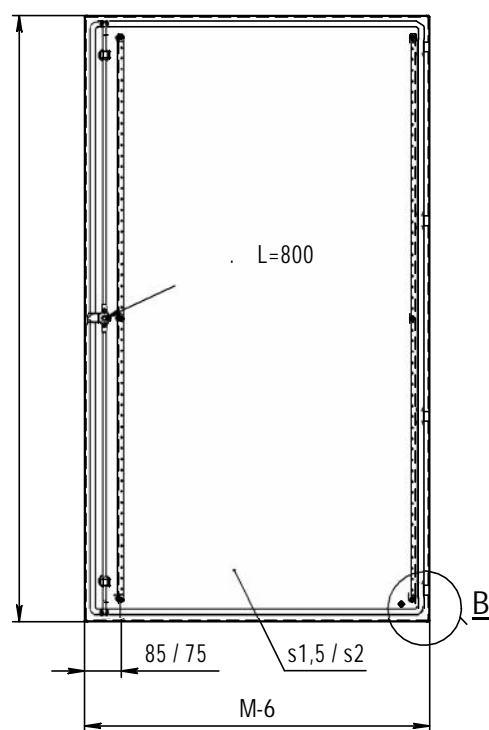
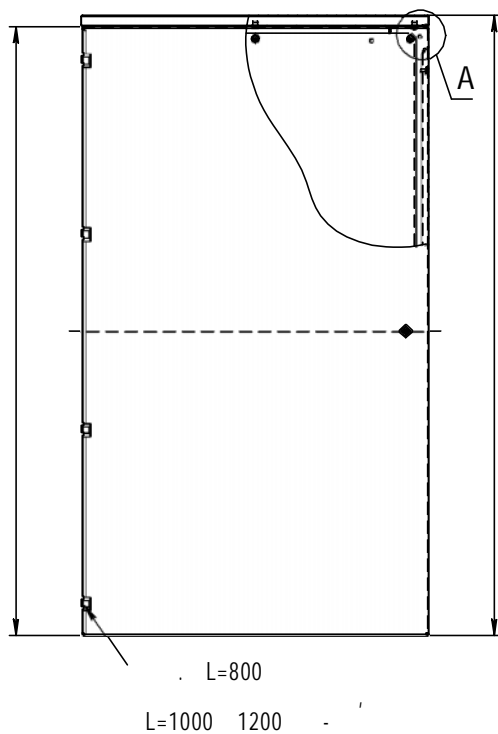


MEV

. 43

MES

400



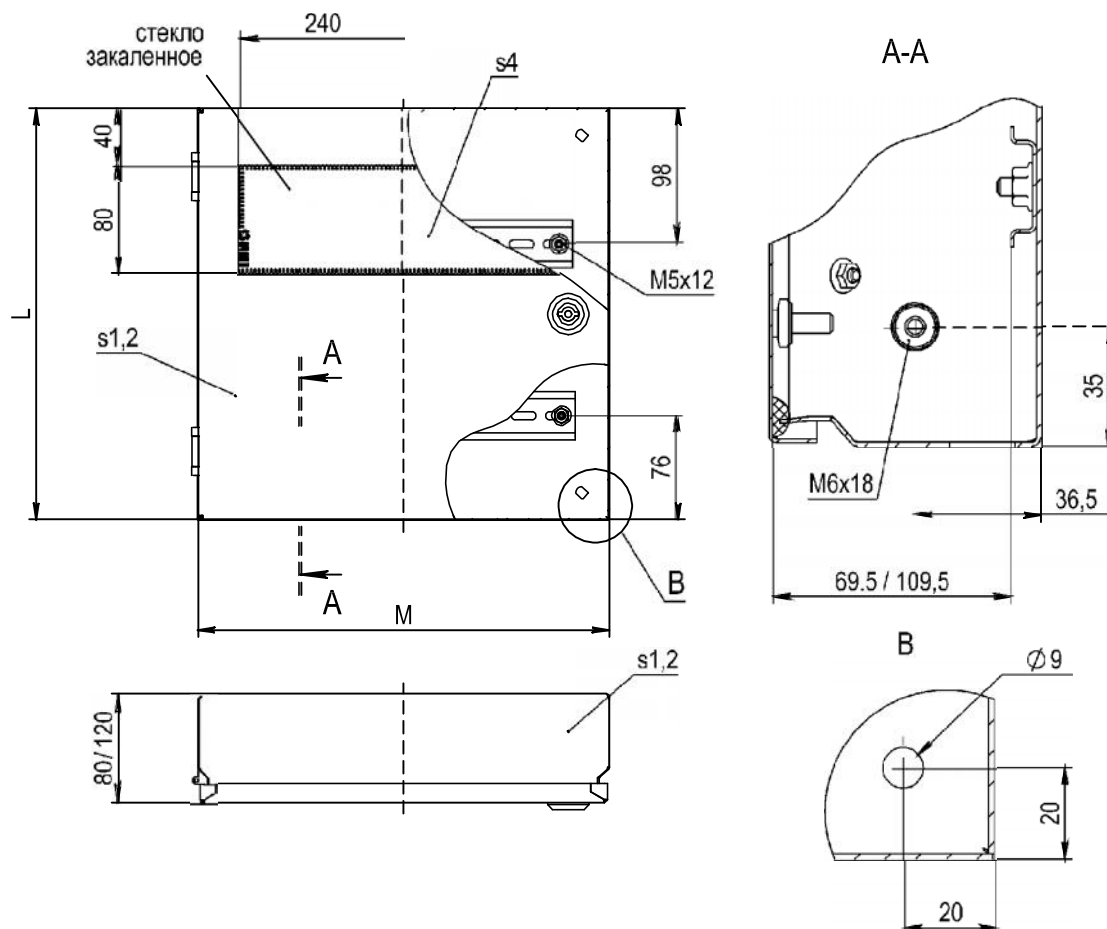
. 43

MES

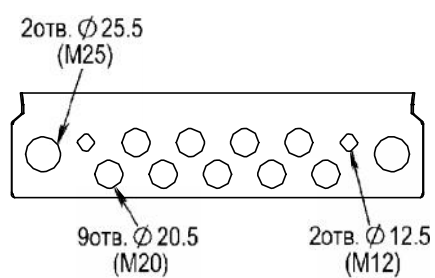
	L (),	M (),	N (),						
MES 20.20.08	200	200	80	IP66	1	-	-		
MES 30.20.08	300								
MES 30.30.08		300							
MES 20.20.12	200	200	120					-	-
MES 30.20.12	300								
MES 30.30.12		300							
MES 40.30.12	400								
MES 30.20.15	300	200	155			110 x 74	1		
MES 30.30.15		300				210 x 74	1		
MES 30.40.15		400				310 x 74	1		
MES 40.30.15	400	300				210	210 x 74		
MES 40.30.21		400	210 96				1		
MES 40.40.21			310 96				1		
MES 40.60.21		500	600				510 96		
MES 50.30.21	300		210 96		1				
MES 50.40.21	400		250		310 96	1			
MES 50.40.25					410 96	1			
MES 50.50.21	600	500	210		310 96	1			
MES 60.40.21		400			250	510 96	1		
MES 60.40.25					210	310 96	1		
MES 60.60.21		600			250	510 96	1		
MES 60.60.25	700	500	210		2	410 96	1		
MES 70.50.21			250	1					
MES 70.50.25	800	600	210	510 96			1		
MES 80.60.21			250				1		
MES 80.60.25		800	300				310 96	2	
MES 80.60.30			210				510 96	1	
MES 80.80.30	1000	600	250	310 96			2		
MES 100.60.21		800	300				310 96	3	
MES 100.60.25					210	405 215	3		
MES 100.60.30		800	400		605 215	3			
MES 100.80.30	1200	600	300	2	405 215	3			
MES 120.60.21		800			400	605 215	3		
MES 120.60.30						600	405 215	3	
MES 120.80.30	800	600	400	2	605 215	3			
MES 80.60.40	800	600			400	405 215	3		
MES 100.60.40	1000					405 215	3		
MES 120.60.40	1200					600	405 215	3	
MES 120.80.40	1400		800	605 215		3			
MES 140.60.40		600	405 215	3					
MES 140.80.40	1400	800	400	2	405 215	3			
MES 160.60.40	1600	600			405 215	3			

MEV

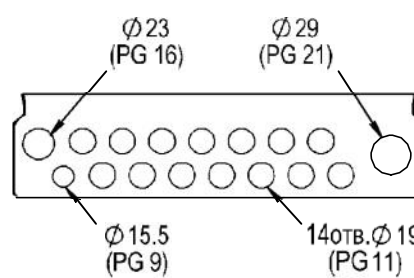
80 120



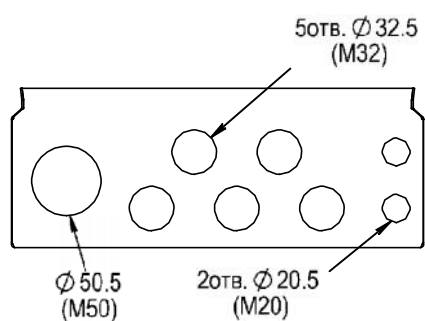
MEV 30.30.08 M



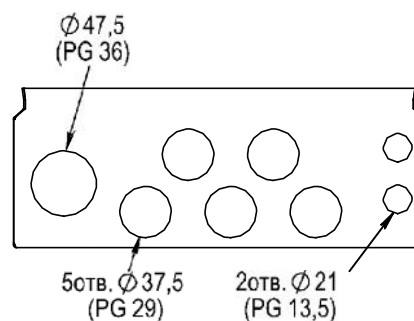
MEV 30.30.08 PG



MEV 30.30.12 M

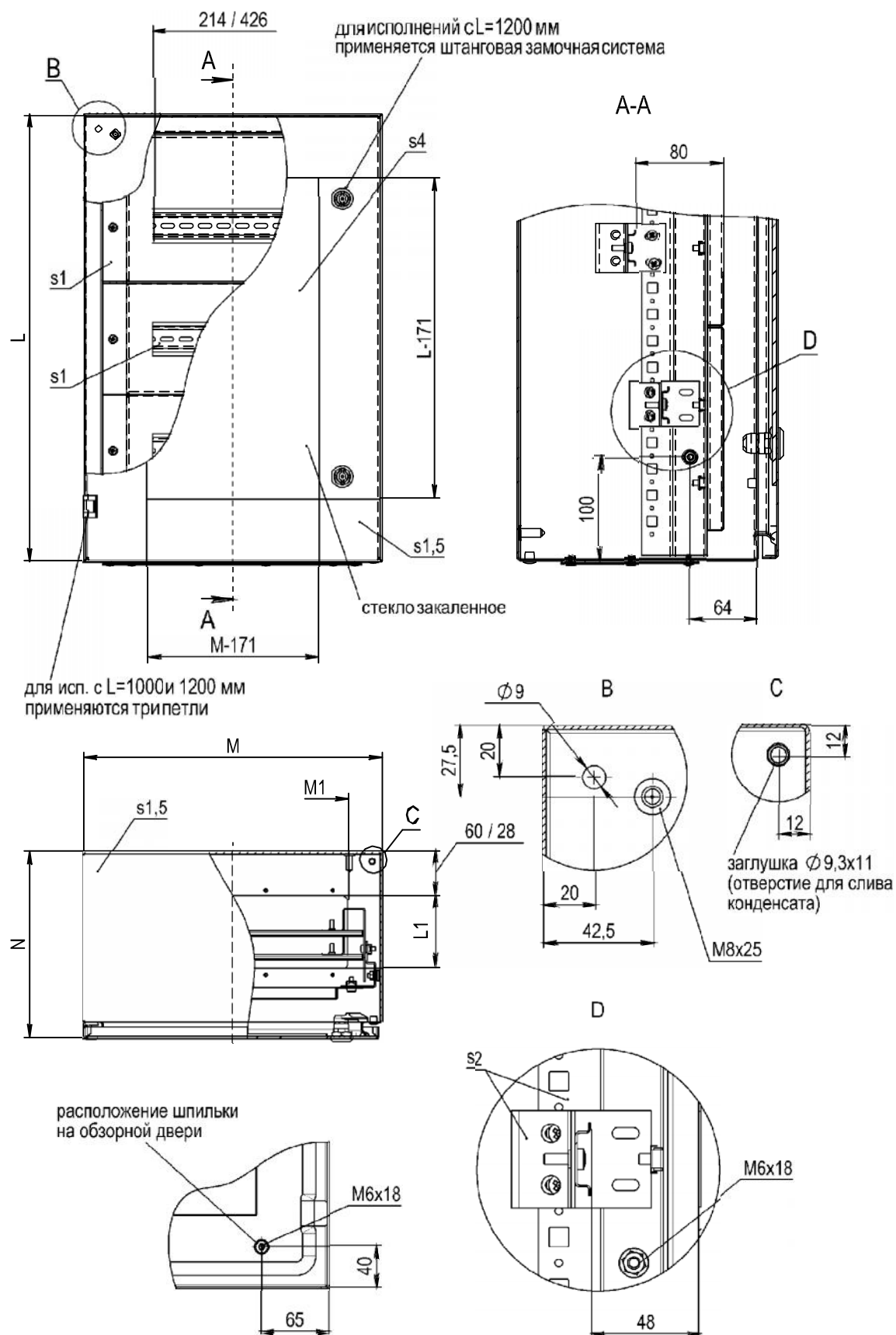


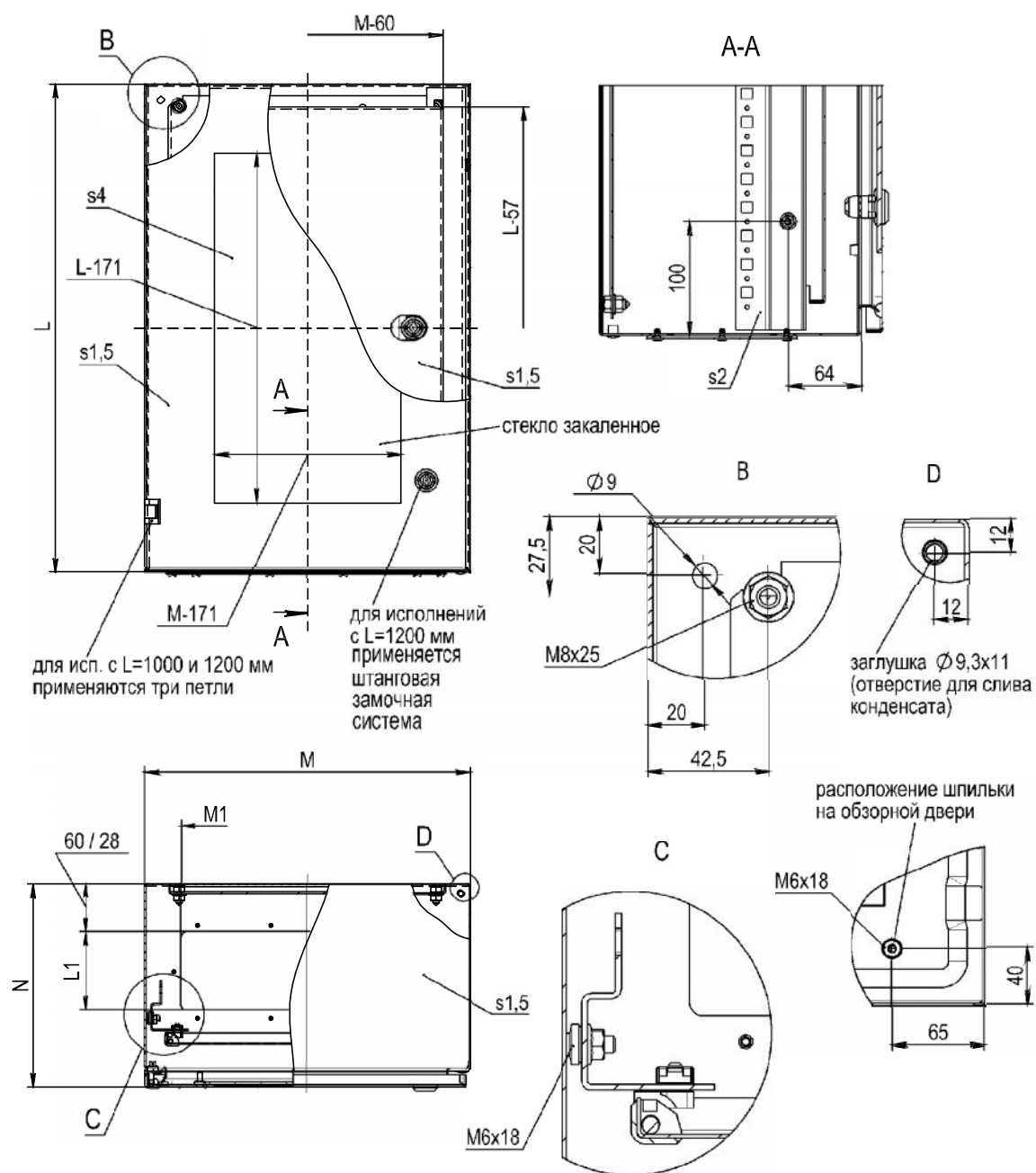
MEV 30.30.12 PG



:

. 47



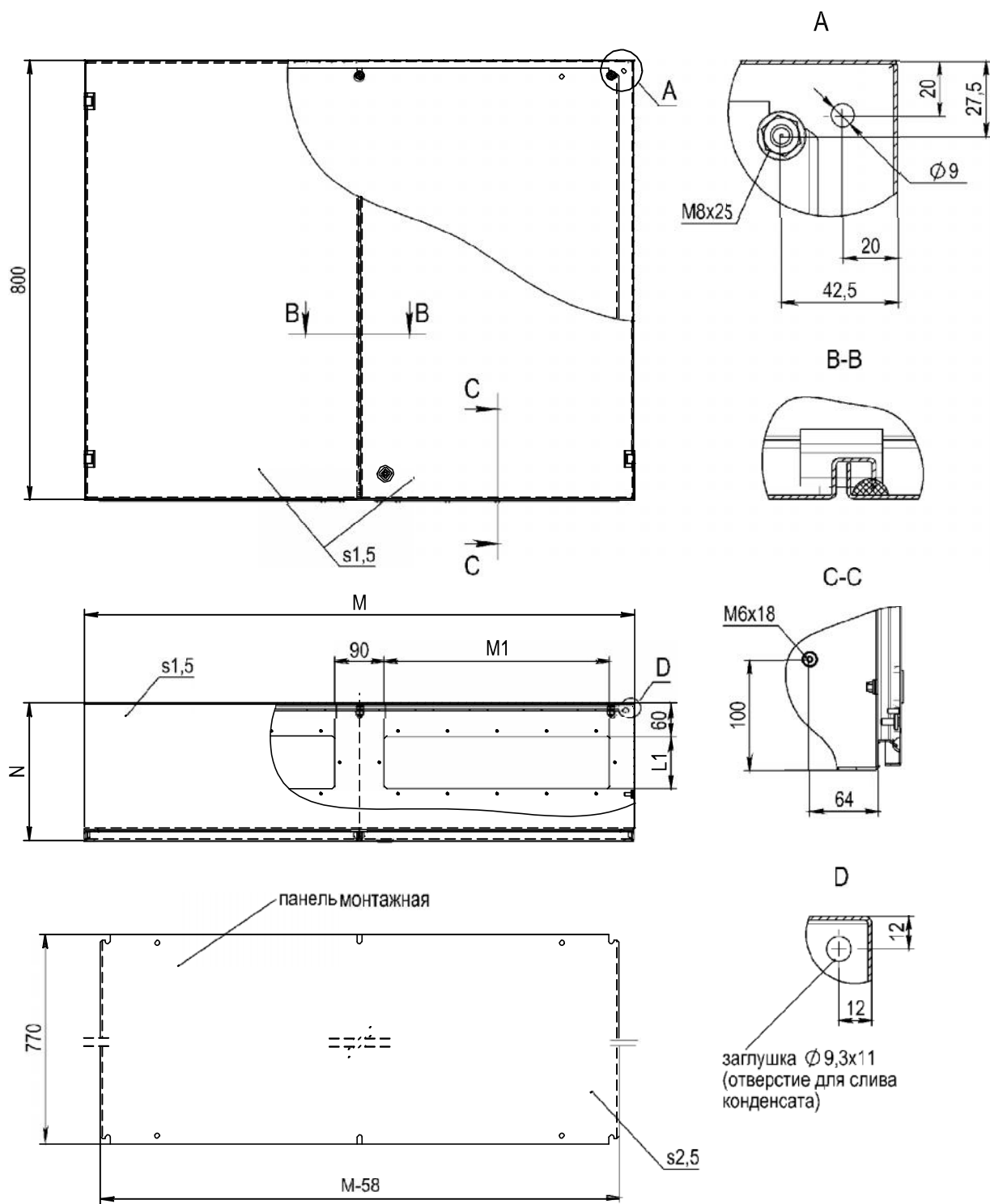


MEV

	L (),	M (),	N (),		
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MED

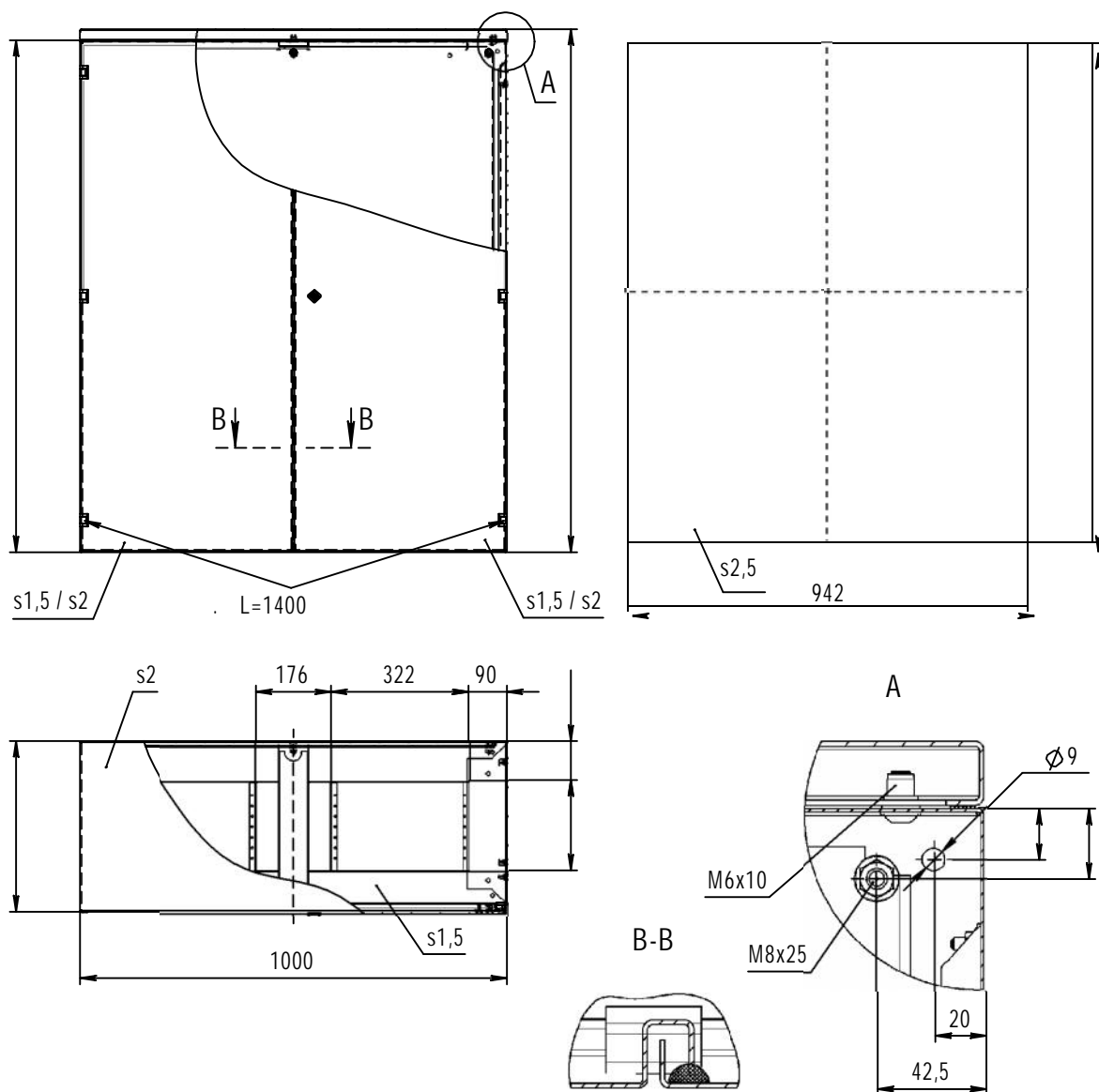
250 300



	L (),	M (),	N (),		, 2 (M1 L1),
MED 80.100.25	800	1000	250	IP 55	410 96
MED 80.100.30			300		
MED 80.120.30		1200			510 96

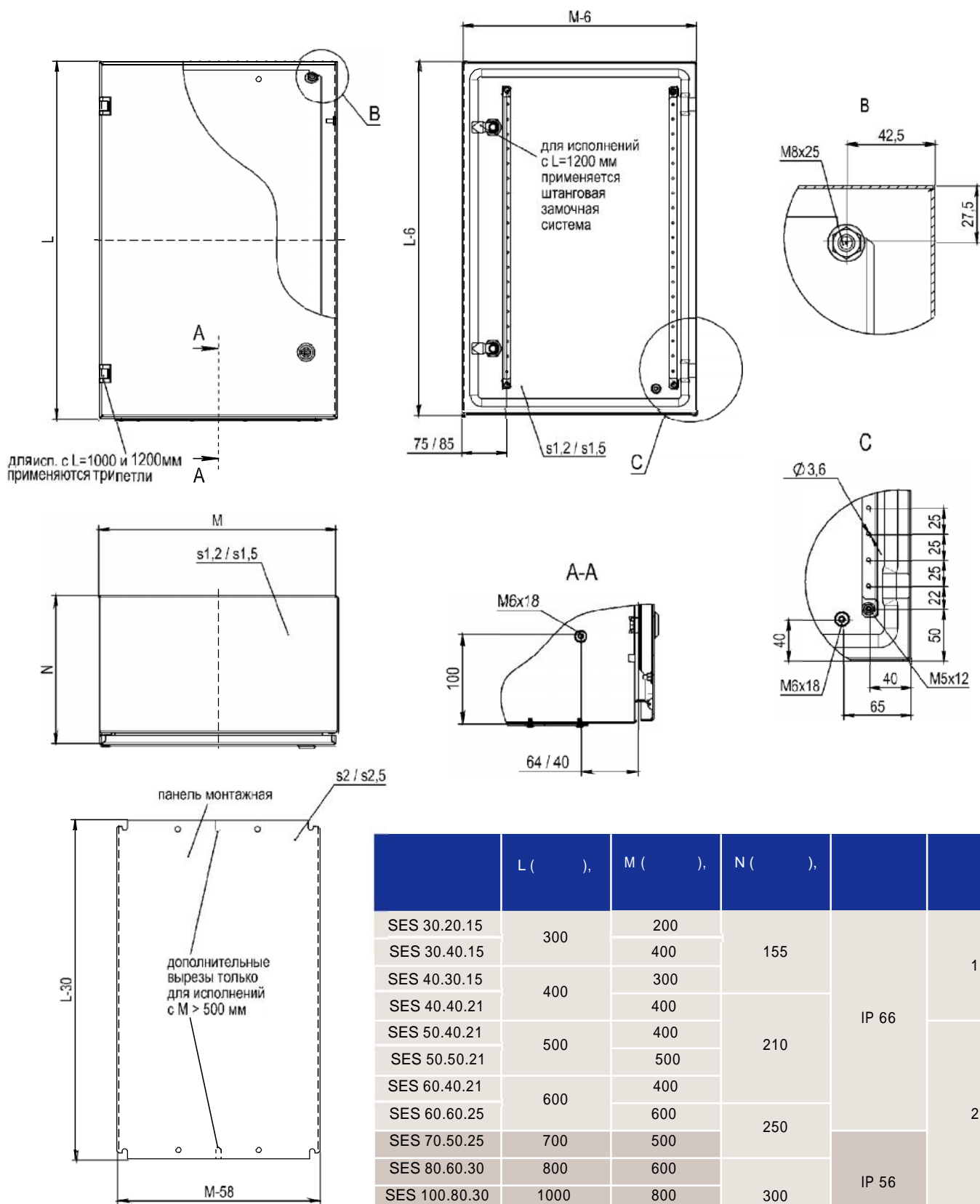
MED

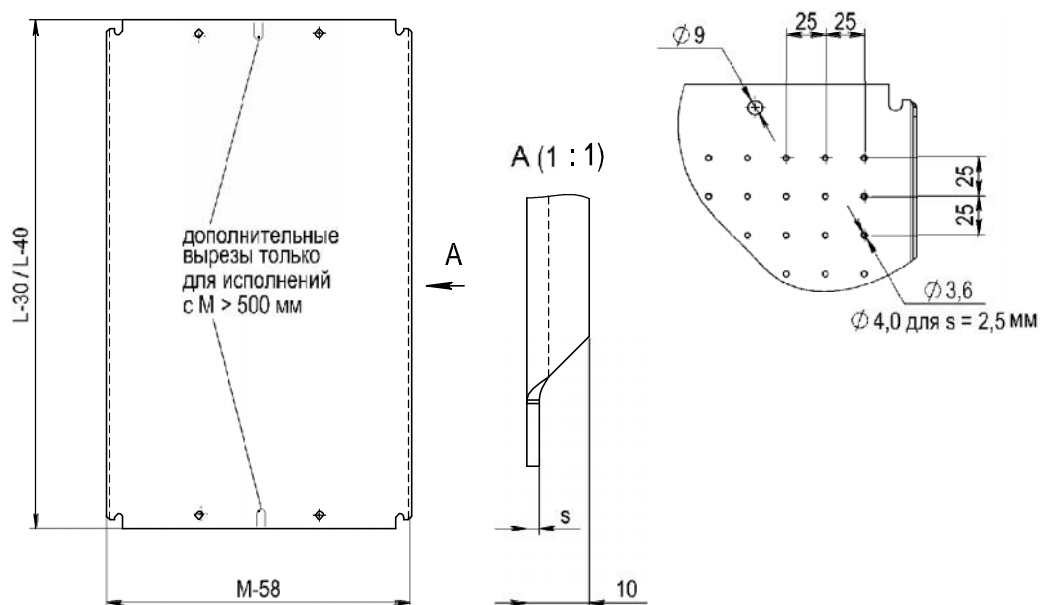
400



	L (),	M (),	N (),		, 2 (M1 L1),
MED 120.100.40	1200	1000	400	IP 55	305 215
MED 140.100.40	1400				

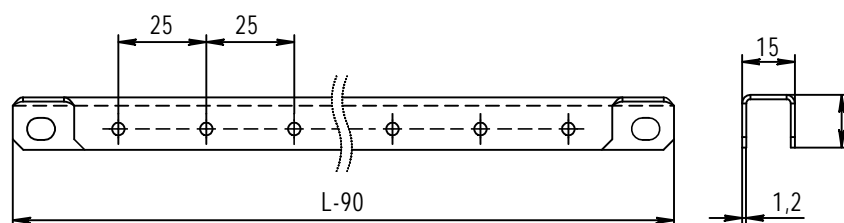
SES





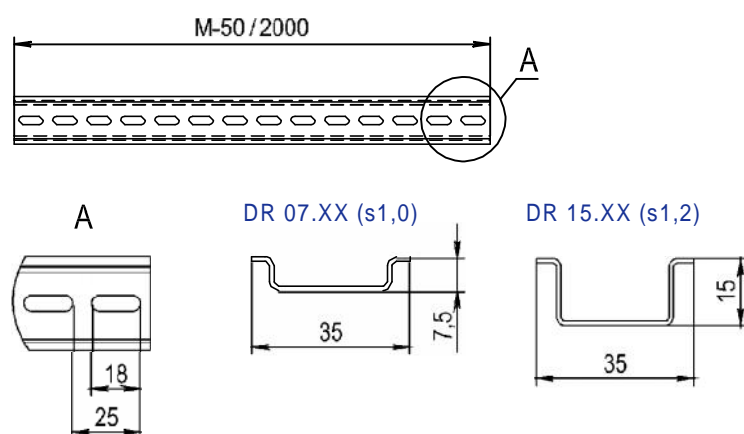
		L (), M (),		S (),
		L (),	M (),	
MP 20.20	MP 20.20 P	200	200	2,0
MP 30.20	MP 30.20 P	300	200	
MP 30.30	MP 30.30 P		300	
MP 30.40	MP 30.40 P		400	
MP 40.30	MP 40.30 P	400	300	
MP 40.40	MP 40.40 P		400	
MP 40.60	MP 40.60 P		600	
MP 50.30	MP 50.30 P	500	300	
MP 50.40	MP 50.40 P		400	
MP 50.50	MP 50.50 P		500	
MP 60.40	MP 60.40 P	600	400	
MP 60.60	MP 60.60 P		600	
MP 70.50	MP 70.50 P	700	500	
MP 80.60	MP 80.60 P	800	600	
MP 80.80	MP 80.80 P		800	2,5
MP 100.60	MP 100.60 P	1000	600	2,0
MP 100.80	MP 100.80 P		800	2,5
MP 120.60	MP 120.60 P	1200	600	2,0
MP 120.80	MP 120.80 P		800	2,5
MP 120.100	MP 120.100 P		1000	
MP 80.100	MP 80.100 P	800	1000	
MP 80.120	MP 80.120 P		1200	
MP 140.60	MP 140.60 P	1400	600	
MP 140.80	MP 140.80 P		800	
MP 140.100	MP 140.100 P		1000	
MP 160.60	MP 160.60 P	1600	600	

	L (),
VB 50	500
VB 60	600
VB 70	700
VB 80	800
VB 100	1000
VB 120	1200
VB 140	1400
VB 160	1600

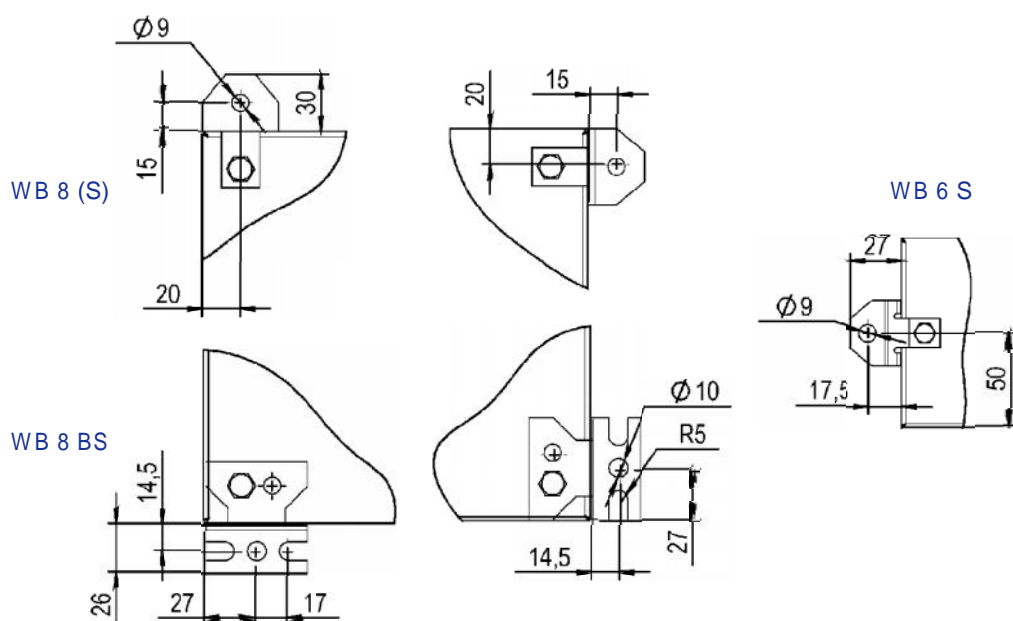


DIN-

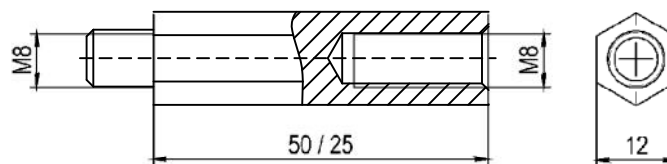
		(),
DR 07.150	7	200
DR 07.250		300
DR 07.350		400
DR 07.550		600
DR 07.750		800
DR 07.2000		-
DR 15.150	15	200
DR 15.250		300
DR 15.350		400
DR 15.550		600
DR 15.750		800
DR 15.2000		-



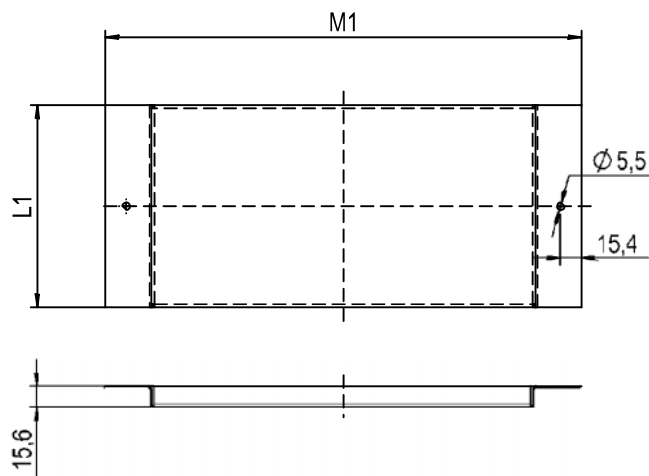
WB 6
WB 8
WB 8 B
WB 6 S
WB 8 S
WB 8 BS



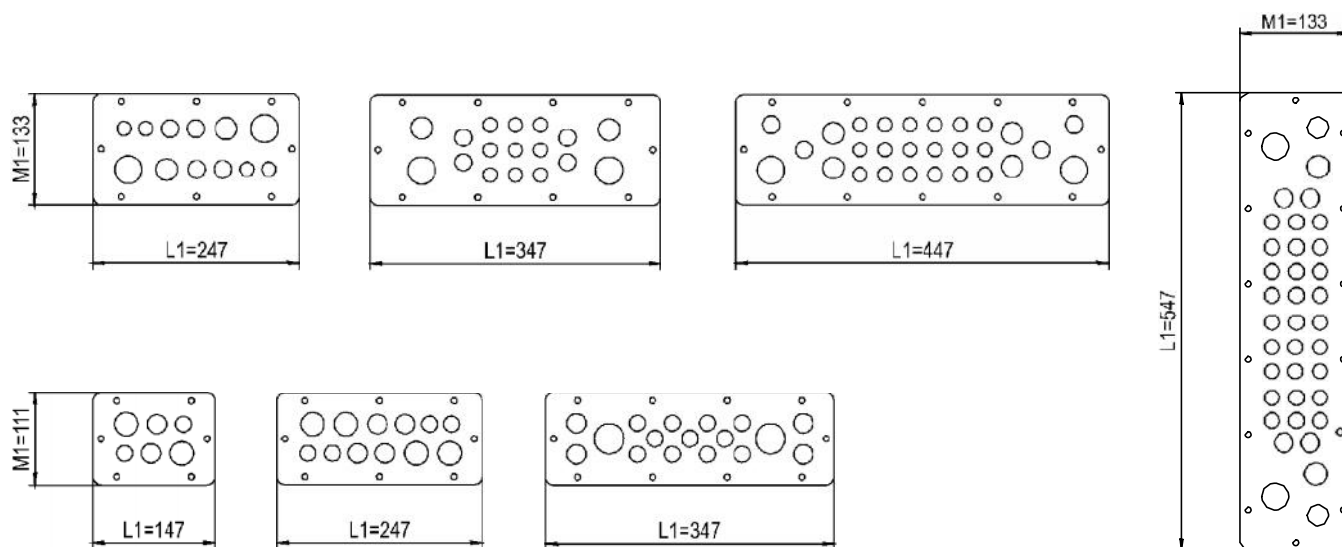
SK 8.25	25
SK 8.50	50



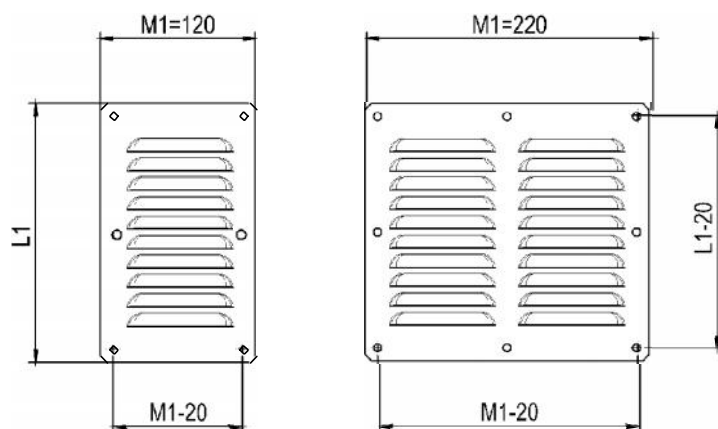
	L1 (),	M1 (),
MB 15.35	149	350
MB 15.55		550
MB 20.35	195	350
MB 20.55		550
MB 25.35	245	350
MB 25.55		550



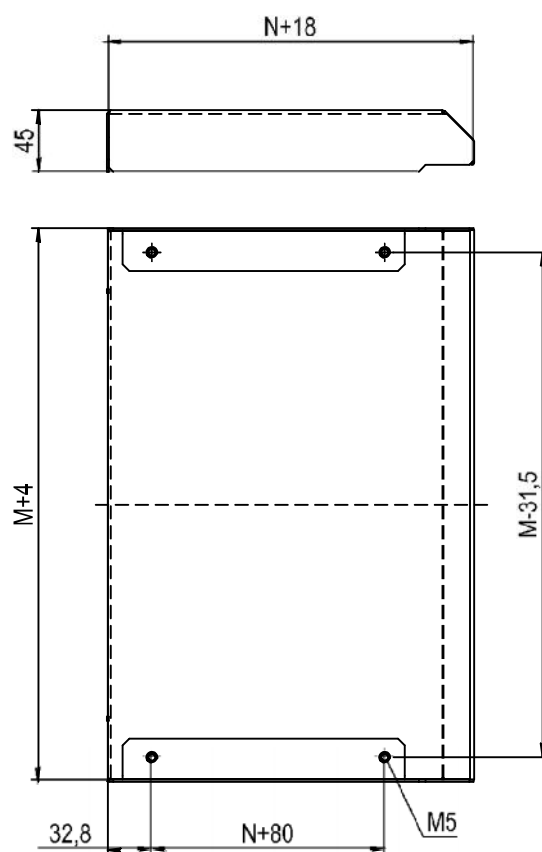
	L1 (),	M1 (),				
			16,5	20,5	25,5	32,5
PK 15.11	147	111	2	2	2	–
PK 25.11	247	111	4	4	4	–
PK 35.11	347	111	11	4	–	2
PK 25.13	247	133	4	4	2	2
PK 35.13	347	133	9	5	2	2
PK 45.13	447	133	18	5	4	2
PK 55.13	547	133	27	5	4	2



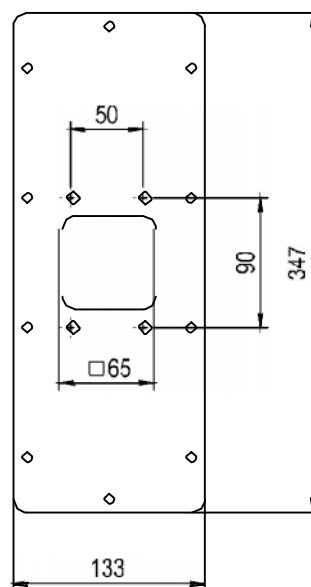
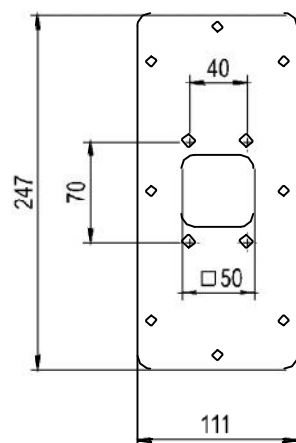
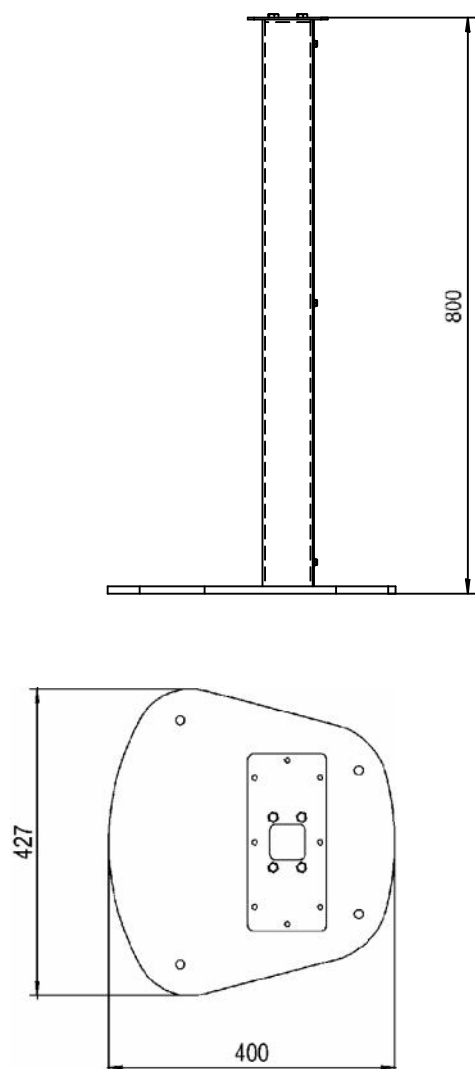
	L1 (),	M1 (),
PV 12.20	200	120
PV 22.20		220
PV 12.20 S		120
PV 22.20 S		220



	M (),	N (),
R 20.15	200	155
R 30.15	300	
R 40.15	400	
R 30.21	300	210
R 40.21	400	
R 50.21	500	
R 60.21	600	250
R 40.25	400	
R 50.25	500	
R 60.25	600	300
R 60.30	600	
R 80.30	800	
R 100.30	1000	155
R 120.30	1200	
R 20.15 S	200	
R 30.15 S	300	210
R 40.15 S	400	
R 30.21 S	300	
R 40.21 S	400	250
R 50.21 S	500	
R 60.21 S	600	
R 50.25 S	500	300
R 60.25 S	600	
R 60.30 S	600	
R 80.30 S	800	



	1	2
ZL 20.15	200	155
ZL 30.15	300	
ZL 40.15	400	
ZL 30.21	300	210
ZL 40.21	400	
ZL 40.25	400	250





1.

		$S (m^2)$
<input type="checkbox"/>		$S = 1,8 \times x (+) + 1,4 \times x$
<input type="checkbox"/>		$S = 1,4 \times x (+) + 1,8 \times x$
<input type="checkbox"/>		$S = 1,4 \times x (+) + 1,8 \times x$
<input type="checkbox"/>		$S = 1,4 \times x (+) + 1,4 \times x$
<input type="checkbox"/>		$S = 1,8 \times x + 1,4 \times x + x$
<input type="checkbox"/>		$S = 1,4 \times x (+) + x$
<input type="checkbox"/>		$S = 1,4 \times x + 0,7 \times x + x$

$$S = \underline{\hspace{2cm}}^2$$

2.

$$P = \underline{\hspace{2cm}}$$

3.

$$T = \underline{\hspace{2cm}}^{\circ}\text{C}$$

$$T = \underline{\hspace{2cm}}^{\circ}\text{C}$$

$$rH = \underline{\hspace{2cm}}\%$$

$$Tr = \underline{\hspace{2cm}}^{\circ}\text{C}$$

(. . 59)

4.

$$T = \underline{\hspace{2cm}}^{\circ}\text{C}$$

$$T = \underline{\hspace{2cm}}^{\circ}\text{C}$$

MES 120.80.30
= 1,2 , = 0,8 , = 0,3

$$S = 2,33^2$$

$$P = 500$$

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

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

$$rH = 80\%$$

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

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

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

5.

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

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

$$T = 69^{\circ}\text{C}$$

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

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

$$T = 54^{\circ}\text{C}$$

$$K = 5,5 / ^{\circ}\text{C}$$

$$K = 3,7 / ^{\circ}\text{C}$$

6.

$$T < T$$

$$T > T$$

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

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

$$T < T$$

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

$$T > T$$

$$P = \sim 436$$

()

	, °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

(28207-89, EN ISO 9227: 2006)

(- 240): -

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(- 720): -

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	65 °
	2 +
*	
	110 °
	180 °

IK (EN 50 102)

IK	
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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

14254-96, EN 60 529/IEC 529)

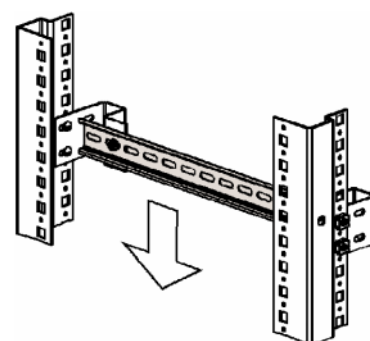
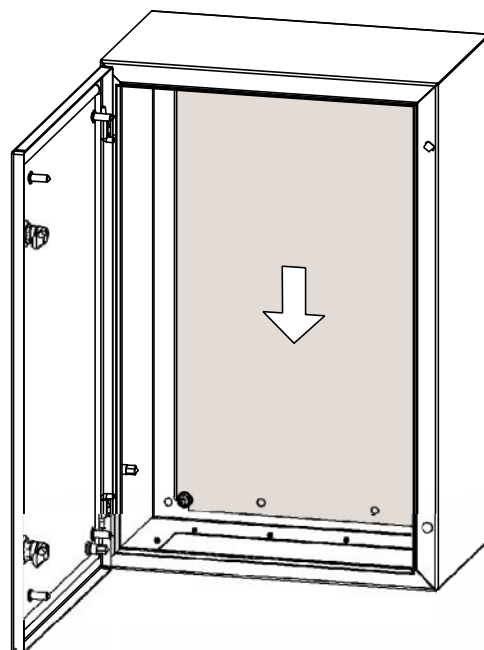
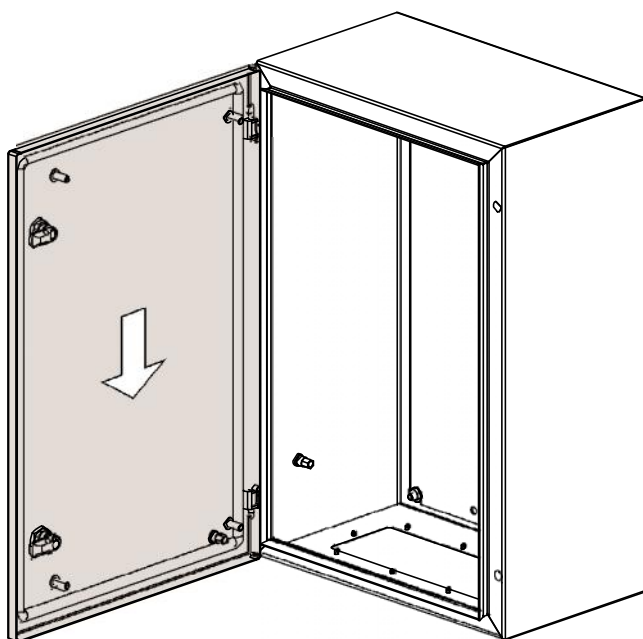
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IP	5	5	X
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0			0		
1	50	50	1		
2	12	80 12	2	15°	
3	2,5	2,5 2,5	3		60°
4	1,0	1,0 1,0	4		
5			5		
6			6		
			7		
			8		

– 3000 N

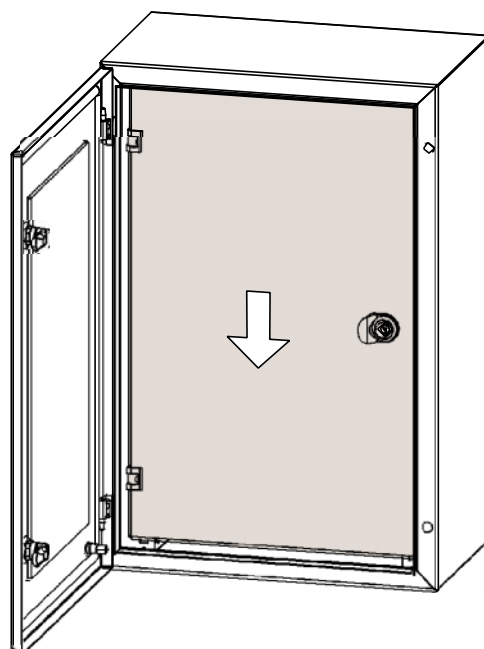


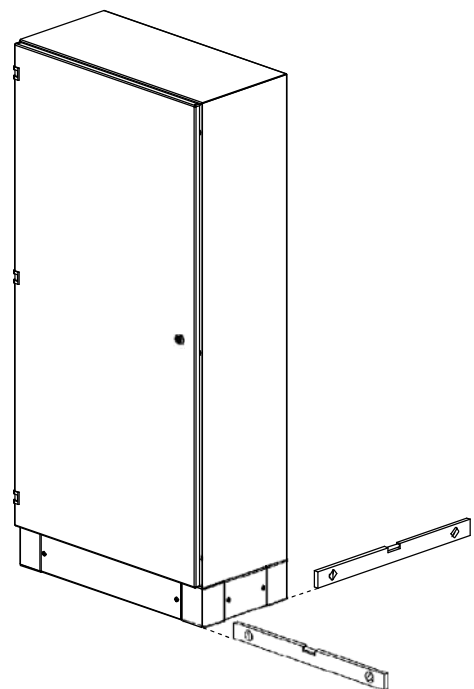
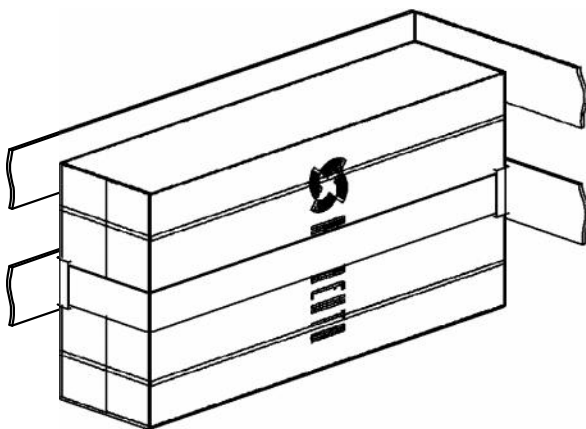
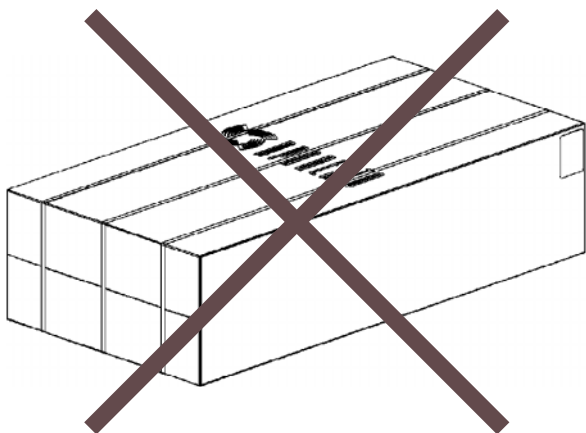
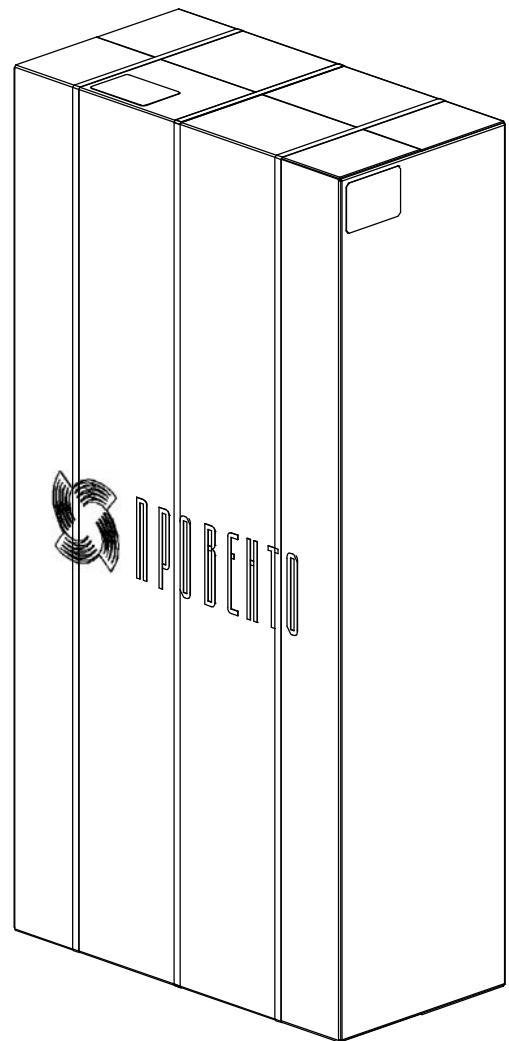
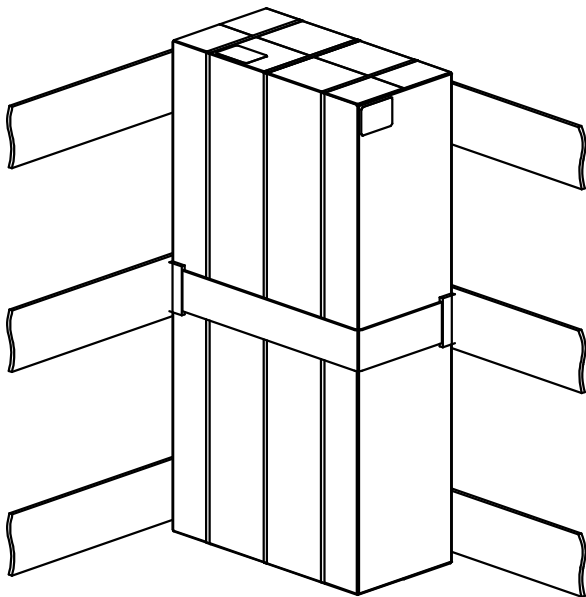
DIN- – 50 N

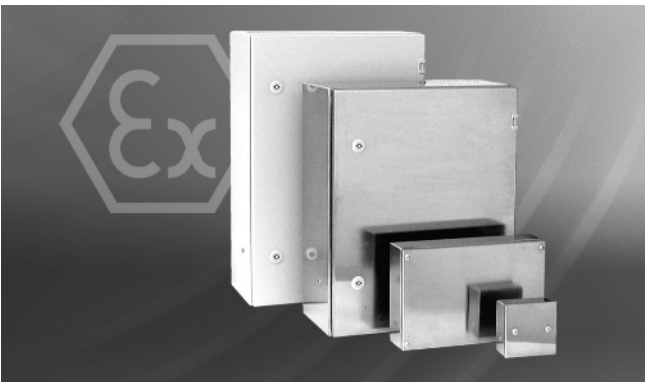
HG 180.90 ZE – 50N,

HG 180.90 ME – 300N

– 50 N







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