

Sheet steel enclosure for use in hazardous areas

Weidmüller has upgraded its classic Klippon® TB Series – designed especially for demanding applications:

- Oil
- Gas
- Chemicals
- Energy
- Water
- Recycling

Features:

- Electropolished stainless steel or painted sheet steel (RAL 7032)
- With 1, 2, 3 or 4 gland plates; optionally without gland plates
- Fully detachable lid
- Approved to the latest international standards
- High temperature gasket as standard

Our assembly service can supply these enclosures preassembled with terminals and cable glands according to customer requirements.



Technical data

Enclosure material	Mild steel or stainless steel 1.4404 (316L) 1.50 mm
Gland plate material	Mild steel or stainless steel 1.4404 (316L) 3.00 mm
Surface	Electropolished stainless steel or painted sheet metal, RAL 7032
Gaskets	Silicone
Cover fixing	Fully detachable cover lid with unique cover retaining system
Earthing	Internal / external Earthing stud M 10
Enclosure mounting	4 external lugs with 11 mm holes/slots
Equipment mounting	4 or 6 mounting pillars with M 6 threaded hole
Protection class	IP 66 and IP 67
Impact resistance	10 J
Temperature range	☞ silicone gasket -60 °C bis +140 °C

Approvals

Note: The horizontal spacing of the fixing lugs is reduced by 30 mm in the versions without gland plates on the sides (i.e. 0, 1 or 2 gland plate versions)

Baseefa06ATEX0010U	IECEx BAS 06.0003U
Baseefa06ATEX0011X	IECEx BAS 06.0004X
II 2GD Ex e II Ex tD A21	Ex e II Ex tD A21 IP 66 & IP 67

Overview of enclosures

	TB 10-133	TB 10A-150	TB 11-150	TB 11A-150	TB 12-150	TB 12A-150
Type H x W x D	229 x 152 x 133	260 x 260 x 150	306 x 306 x 150	350 x 260 x 150	458 x 382 x 150	480 x 480 x 150
Stainless steel 1 Gland plate	0929000000	0929040000	0929120000	0929200000	0904720000	0904880000
Stainless steel 2 Gland plates	0929010000	0929050000	0929130000	0929210000	0904730000	0904890000
Stainless steel 3 Gland plates	0929020000	0929060000	0929140000	0929220000	0904740000	0904900000
Stainless steel 4 Gland plates	0929030000	0929070000	0929150000	0929230000	0904750000	0904910000
Sheet steel 1 Gland plate	0933000000	0934020000	0934140000	0934260000	0904760000	0904920000
Sheet steel 2 Gland plates	0933010000	0934030000	0934150000	0934270000	0904770000	0904930000
Sheet steel 3 Gland plates	0933020000	0934040000	0934160000	0934280000	0904780000	0904940000
Sheet steel 4 Gland plates	0933030000	0934050000	0934170000	0934290000	0904790000	0904950000

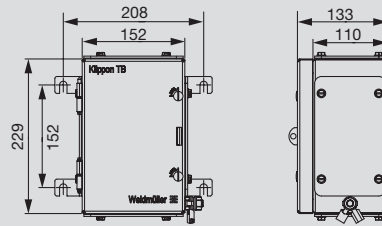
	TB 12B-150	TB 13-150	TB 14-200
Type H x W x D	550 x 350 x 150	762 x 508 x 150	914 x 610 x 200
Stainless steel 1 Gland plate	0905040000	0905360000	0905600000
Stainless steel 2 Gland plates	0905050000	0905370000	0905610000
Stainless steel 3 Gland plates	0905060000	0905380000	0905620000
Stainless steel 4 Gland plates	0905070000	0905390000	0905630000
Sheet steel 1 Gland plate	0905080000	0905400000	0905640000
Sheet steel 2 Gland plates	0905090000	0905410000	0905650000
Sheet steel 3 Gland plates	0905100000	0905420000	0905660000
Sheet steel 4 Gland plates	0905110000	0905430000	0905670000

Note: 200 mm deep versions and alternative sizes are available on request.

Sheet steel enclosures for use in hazardous area applications



Klippon TB10 - 133



Height x Width x Depth mm
 Weight (4 gland plates) g

229 x 152 x 133
 4500

Ordering data

stainless steel	Order No.
1 gland plate (bottom)	0929000000
2 gland plates (top + bottom)	0929010000
3 gland plates (bottom + both sides)	0929020000
4 gland plates (all sides)	0929030000

Note 200 mm deep versions and alternative sizes are available on request.

Accessories

Mounting plate	Order No.
sheet steel, galvanised	0908480000
stainless steel	0908470000

Spacer, M6 x 8, set of 2	Order No.
10 mm long	0935110000
15 mm long	0935120000
20 mm long	0935130000
30 mm long	0935140000

Padlock with two keys	Order No.
Stainless steel	0905680000

Technical data

Terminal content	vertical	horizontal
	1x9	1x25
	1x8	1x21
	1x6	1x16
	1x4	1x13
	1x4	1x11

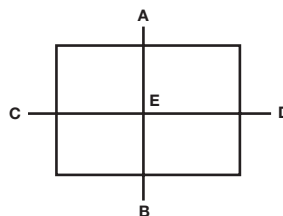
Note

The assembly with modular terminals includes a 10 mm space at each end of the terminal rail.
 The horizontal spacing of the fixing lugs is reduced by 30 mm in the versions without gland plates on the sides (i.e. 0, 1 or 2 gland plate versions)
 Recommendation:
 TS 35 DIN Rail (screw clamp terminal) WDU 2.5 1020000000 / (tension clamp terminal) ZDU 2.5 1608510000
 TS 32 DIN Rail (screw clamp terminal) SAK 2.5 0279660000
 TS 15 DIN Rail (screw clamp terminal) AKZ 2.5 0697160000

Max. number of cable entries per enclosure side **

	A / B	C / D
M 12	12	17
M 16	8	10
M 20	3	3
M 25	2	3
M 32	2	2
M 40	1	2
M 50		
M 63		

Enclosure sides - ID



A = Top
 B = Bottom
 C = Left
 D = Right
 E = Base

Note

Note ** Our IP68 brass cable glands serve as a reference for these recommended values.
 Lid fixing enclosure feature 1/4 turn lid fastening system

Klippon® TB - Steel enclosures

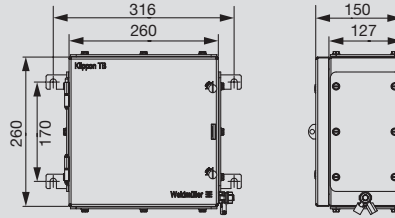
Sheet steel enclosures for use in hazardous area applications



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Height x Width x Depth mm
Weight (4 gland plates) g

Klippon TB10A - 150



260 x 260 x 150
7000

Ordering data

stainless steel	Order No.
1 gland plate (bottom)	0929040000
2 gland plates (top + bottom)	0929050000
3 gland plates (bottom + both sides)	0929060000
4 gland plates (all sides)	0929070000

Note 200 mm deep versions and alternative sizes are available on request.

Accessories

Mounting plate	Order No.
sheet steel, galvanised	0908500000
stainless steel	0908490000


Spacer, M6 x 8, set of 2

10 mm long	0935110000
15 mm long	0935120000
20 mm long	0935130000
30 mm long	0935140000

Padlock with two keys

Stainless steel	0905680000
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Technical data

Terminal content	vertical	horizontal
	2.5 mm	2x30
	4 mm	2x25
	6 mm	2x19
	10 mm	2x15
	16 mm	2x13

Note

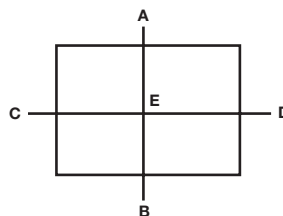
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TS 32 DIN Rail (screw clamp terminal) SAK 2.5 0279660000
TS 15 DIN Rail (screw clamp terminal) AKZ 2.5 0697160000

Max. number of cable entries per enclosure side **

	A / B	C / D
M 12	27	21
M 16	21	17
M 20	10	8
M 25	9	7
M 32	4	3
M 40	3	2
M 50	2	2
M 63		

Enclosure sides - ID



A = Top
B = Bottom
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D = Right
E = Base

Note

Note

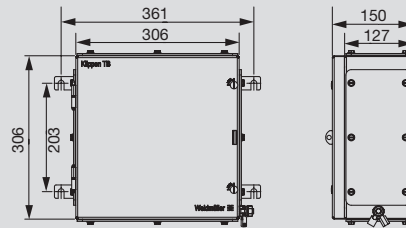
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Lid fixing enclosure feature 1/4 turn lid fastening system

Sheet steel enclosures for use in hazardous area applications



Height x Width x Depth mm
Weight (4 gland plates) g

Klippon TB11 - 150



306 x 306 x 150
8500

Ordering data


stainless steel	Order No.
1 gland plate (bottom)	0929120000
2 gland plates (top + bottom)	0929130000
3 gland plates (bottom + both sides)	0929140000
4 gland plates (all sides)	0929150000

Note 200 mm deep versions and alternative sizes are available on request.

Accessories

Mounting plate	Order No.
sheet steel, galvanised	0908520000
stainless steel	0908510000
Spacer, M6 x 8, set of 2	
10 mm long	0935110000
15 mm long	0935120000
20 mm long	0935130000
30 mm long	0935140000
Padlock with two keys	
Stainless steel	0905680000

Technical data

Terminal content	vertical	horizontal
	2.5 mm	2x39
	4 mm	2x33
	6 mm	2x25
	10 mm	2x20
	16 mm	2x17

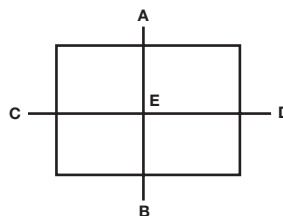
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TS 32 DIN Rail (screw clamp terminal) SAK 2.5 0279660000
TS 15 DIN Rail (screw clamp terminal) AKZ 2.5 0697160000

Max. number of cable entries per enclosure side **

	A / B	C / D
M 12	30	27
M 16	26	21
M 20	14	10
M 25	11	9
M 32	4	4
M 40	4	3
M 50	3	2
M 63		

Enclosure sides - ID



A = Top
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E = Base

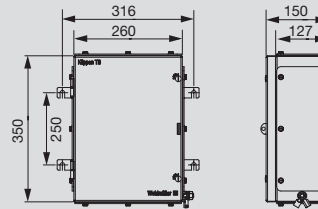
Note

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Lid fixing enclosure feature 1/4 turn lid fastening system

Sheet steel enclosures for use in hazardous area applications



Klippon TB11A - 150



Height x Width x Depth mm
 350 x 260 x 150
 Weight (4 gland plates) g
 8250

350 x 260 x 150
 8250

Ordering data

stainless steel	Order No.
1 gland plate (bottom)	0929200000
2 gland plates (top + bottom)	0929210000
3 gland plates (bottom + both sides)	0929220000
4 gland plates (all sides)	0929230000

Note 200 mm deep versions and alternative sizes are available on request.

Accessories

Mounting plate	Order No.
sheet steel, galvanised	0908540000
stainless steel	0908530000


Spacer, M6 x 8, set of 2

10 mm long	0935110000
15 mm long	0935120000
20 mm long	0935130000
30 mm long	0935140000

Padlock with two keys

Stainless steel	0905680000
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Technical data

Terminal content	vertical	horizontal
	2.5 mm	3x30
	4 mm	3x25
	6 mm	3x19
	10 mm	3x15
	16 mm	3x13

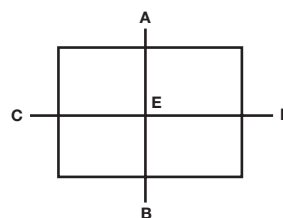
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 TS 32 DIN Rail (screw clamp terminal) SAK 2.5 0279660000
 TS 15 DIN Rail (screw clamp terminal) AKZ 2.5 0697160000

Max. number of cable entries per enclosure side **

	A / B	C / D
M 12	27	30
M 16	21	26
M 20	10	12
M 25	9	11
M 32	4	4
M 40	3	4
M 50	2	3
M 63		

Enclosure sides - ID



A = Top
 B = Bottom
 C = Left
 D = Right
 E = Base

Note

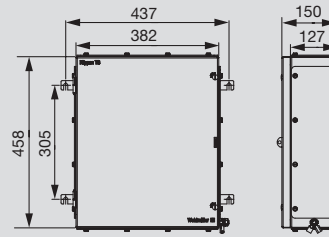
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 Lid fixing enclosure feature 1/4 turn lid fastening system

Sheet steel enclosures for use in hazardous area applications



Height x Width x Depth mm
 Weight (4 gland plates) g

Klippon TB12 - 150



458 x 382 x 150
 12500

Ordering data

stainless steel	Order No.
1 gland plate (bottom)	0904720000
2 gland plates (top + bottom)	0904730000
3 gland plates (bottom + both sides)	0904740000
4 gland plates (all sides)	0904750000

Note 200 mm deep versions and alternative sizes are available on request.


Accessories

Mounting plate	Order No.
sheet steel, galvanised	0908580000
stainless steel	0908570000

Spacer, M6 x 8, set of 2	Order No.
10 mm long	0935110000
15 mm long	0935120000
20 mm long	0935130000
30 mm long	0935140000

Padlock with two keys	Order No.
Stainless steel	0905680000

Technical data

Terminal content	vertical	horizontal
	2.5 mm	4x54
	4 mm	4x45
	6 mm	4x35
	10 mm	4x28
	16 mm	4x23
		3x70
		3x59
		3x45
		3x36
		3x30

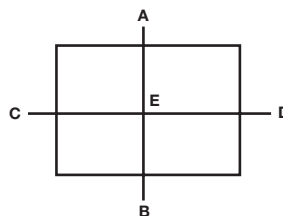
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 Recommendation:
 TS 35 DIN Rail (screw clamp terminal) WDU 2.5 1020000000 / (tension clamp terminal) ZDU 2.5 1608510000
 TS 32 DIN Rail (screw clamp terminal) SAK 2.5 0279660000
 TS 15 DIN Rail (screw clamp terminal) AKZ 2.5 0697160000

Max. number of cable entries per enclosure side **

	A / B	C / D
M 12	42	45
M 16	33	36
M 20	16	18
M 25	13	15
M 32	6	6
M 40	5	5
M 50	4	4
M 63		

Enclosure sides - ID



A = Top
 B = Bottom
 C = Left
 D = Right
 E = Base

Note

Note

** Our IP68 brass cable glands serve as a reference for these recommended values.
 Lid fixing enclosure feature M5 screw lid fastening system

Klippon® TB - Steel enclosures

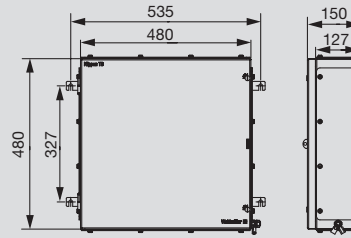
Sheet steel enclosures for use in hazardous area applications



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Height x Width x Depth mm
Weight (4 gland plates) g

Klippon TB12A - 150



480 x 480 x 150
15000

Ordering data


stainless steel	Order No.
1 gland plate (bottom)	0904880000
2 gland plates (top + bottom)	0904890000
3 gland plates (bottom + both sides)	0904900000
4 gland plates (all sides)	0904910000

Note 200 mm deep versions and alternative sizes are available on request.

Accessories

Mounting plate	Order No.
sheet steel, galvanised	0908600000
stainless steel	0908590000
Spacer, M6 x 8, set of 2	
10 mm long	0935110000
15 mm long	0935120000
20 mm long	0935130000
30 mm long	0935140000
Padlock with two keys	
Stainless steel	0905680000

Technical data

Terminal content	vertical	horizontal
	2.5 mm	4x73
	4 mm	4x61
	6 mm	4x47
	10 mm	4x38
	16 mm	4x31

Note

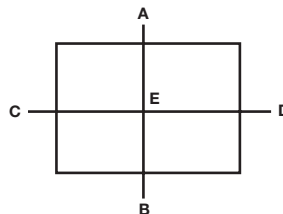
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TS 32 DIN Rail (screw clamp terminal) SAK 2.5 0279660000
TS 15 DIN Rail (screw clamp terminal) AKZ 2.5 0697160000

Max. number of cable entries per enclosure side **

	A / B	C / D
M 12	51	48
M 16	42	38
M 20	22	20
M 25	18	16
M 32	7	6
M 40	6	5
M 50	5	4
M 63		

Enclosure sides - ID



A = Top
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C = Left
D = Right
E = Base

Note

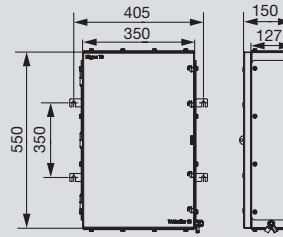
Note

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Lid fixing enclosure feature M5 screw lid fastening system

Sheet steel enclosures for use in hazardous area applications



Klippon TB12B - 150



Height x Width x Depth mm
Weight (4 gland plates) g

550 x 350 x 150
13500

Ordering data

stainless steel	Order No.
1 gland plate (bottom)	0905040000
2 gland plates (top + bottom)	0905050000
3 gland plates (bottom + both sides)	0905060000
4 gland plates (all sides)	0905070000

Note 200 mm deep versions and alternative sizes are available on request.


Accessories

Mounting plate	Order No.
sheet steel, galvanised	0908620000
stainless steel	0908610000

Spacer, M6 x 8, set of 2	Order No.
10 mm long	0935110000
15 mm long	0935120000
20 mm long	0935130000
30 mm long	0935140000

Padlock with two keys	Order No.
Stainless steel	0905680000

Technical data

Terminal content	vertical	horizontal
	2.5 mm	5x48
	4 mm	5x40
	6 mm	5x31
	10 mm	5x24
	16 mm	5x20

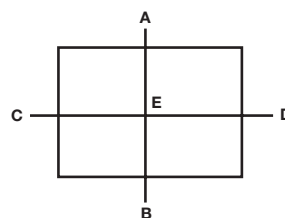
Note

The assembly with modular terminals includes a 10 mm space at each end of the terminal rail.
The horizontal spacing of the fixing lugs is reduced by 30 mm in the versions without gland plates on the sides (i.e. 0, 1 or 2 gland plate versions)
Recommendation:
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TS 32 DIN Rail (screw clamp terminal) SAK 2.5 0279660000
TS 15 DIN Rail (screw clamp terminal) AKZ 2.5 0697160000

Max. number of cable entries per enclosure side **

	A / B	C / D
M 12	36	54
M 16	30	45
M 20	16	24
M 25	13	19
M 32	5	8
M 40	4	6
M 50	3	5
M 63		

Enclosure sides - ID



A = Top
B = Bottom
C = Left
D = Right
E = Base

Note

Note ** Our IP68 brass cable glands serve as a reference for these recommended values.
Lid fixing enclosure feature M5 screw lid fastening system

Klippon® TB - Steel enclosures

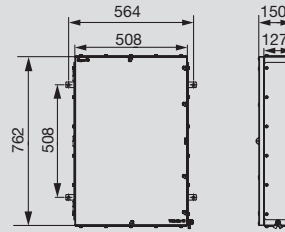
Sheet steel enclosures for use in hazardous area applications



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Height x Width x Depth mm
 Weight (4 gland plates) g

Klippon TB13 - 150



Ordering data

stainless steel	Order No.
1 gland plate (bottom)	0905360000
2 gland plates (top + bottom)	0905370000
3 gland plates (bottom + both sides)	0905380000
4 gland plates (all sides)	0905390000

Note 200 mm deep versions and alternative sizes are available on request.

Accessories

Mounting plate	Order No.
sheet steel, galvanised	0908660000
stainless steel	0908650000

Spacer, M6 x 8, set of 2


10 mm long	0935110000
15 mm long	0935120000
20 mm long	0935130000
30 mm long	0935140000

Padlock with two keys

Stainless steel	0905680000
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762 x 508 x 150
 21750

Technical data

Terminal content	vertical	horizontal
	2.5 mm	7x79
	4 mm	7x66
	6 mm	7x51
	10 mm	7x40
	16 mm	7x34

Note

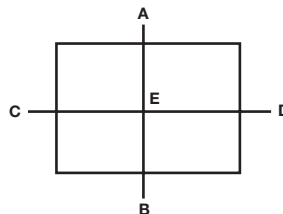
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 TS 32 DIN Rail (screw clamp terminal) SAK 2.5 0279660000
 TS 15 DIN Rail (screw clamp terminal) AKZ 2.5 0697160000

Max. number of cable entries per enclosure side **

	A / B	C / D
M 12	57	81
M 16	45	66
M 20	24	34
M 25	20	29
M 32	8	11
M 40	7	10
M 50	5	8
M 63		

Enclosure sides - ID



A = Top
 B = Bottom
 C = Left
 D = Right
 E = Base

Note

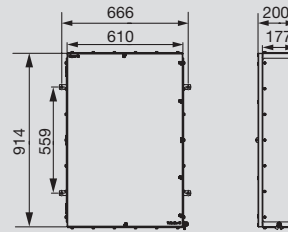
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 Lid fixing enclosure feature M5 screw lid fastening system

Sheet steel enclosures for use in hazardous area applications



Klippon TB14 - 200



Height x Width x Depth mm
Weight (4 gland plates) g

914 x 610 x 200
32000

Ordering data

stainless steel	Order No.
1 gland plate (bottom)	0905600000
2 gland plates (top + bottom)	0905610000
3 gland plates (bottom + both sides)	0905620000
4 gland plates (all sides)	0905630000

Note 200 mm deep versions and alternative sizes are available on request.


Accessories

Mounting plate	Order No.
sheet steel, galvanised	0908680000
stainless steel	0908670000

Spacer, M6 x 8, set of 2	Order No.
10 mm long	0935110000
15 mm long	0935120000
20 mm long	0935130000
30 mm long	0935140000

Padlock with two keys	Order No.
Stainless steel	0905680000

Technical data

Terminal content	vertical	horizontal	
	2.5 mm	8x99	5x157
	4 mm	8x83	5x132
	6 mm	8x64	5x101
	10 mm	8x51	5x81
	16 mm	8x42	5x67

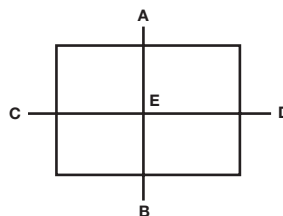
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TS 32 DIN Rail (screw clamp terminal) SAK 2.5 0279660000
TS 15 DIN Rail (screw clamp terminal) AKZ 2.5 0697160000

Max. number of cable entries per enclosure side **

	A / B	C / D
M 12	135	198
M 16	96	135
M 20	42	62
M 25	24	54
M 32	18	28
M 40	16	24
M 50	7	10
M 63	5	7

Enclosure sides - ID



A = Top
B = Bottom
C = Left
D = Right
E = Base

Note

Note ** Our IP68 brass cable glands serve as a reference for these recommended values.
Lid fixing enclosure feature M5 screw lid fastening system