

Klippon® TB-Series

Sheet steel enclosures for use in Hazardous areas

Weidmüller has upgraded its classic "Klippon®" TB-series - specially for in-process demands.

Applications:

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

Features:

- Electropolished stainless steel and painted sheet steel
- 6 sizes
- 2 or 4 flange plates
- Lid opens 180° and is detachable
- Mounting clips for flexible interior mounting
- Extended gland plate surfaces
- Certified to ATEX



Our assembly service supplies the enclosure ready for connection and suitable for every application.

Technical data

Material	up to Klippon® TB 484815	Sheet steel or stainless steel 1.4404 1.50 mm
	from Klippon® TB 765015	Sheet steel or stainless steel 1.4404 2.03 mm
Flange		Sheet steel or stainless steel 1.4404 3.25 mm
		– on request also in stainless steel 1.4404 6 mm
Surface	Painted	RAL 7032
	Stainless steel	Electropolished
Gaskets	Neoprene (cover and flange plates)	
Lid fixing	Fully detachable lid with 4 or 6 captive hex screws	
Earthing	Earthing stud M10	
Enclosure mounting	4 external lugs with 10 mm spacing holes/slots	
Equipment mounting	4 or 6 mounting clips with M 6 threaded hole	
Protection class	IP 66 and IP 67	
Impact resistance	7J	
Temperature range	–40°C to +85°C, 100°C for 1 hour	

Approvals

SIRA 02ATEX3200 U

 II 2 GD EEx e II

SIRA 02ATEX3201

 II 1 GD EEx ia IIC T6

 II 2 GD EEx e II T6

II 2 GD EEx ed IIC T6

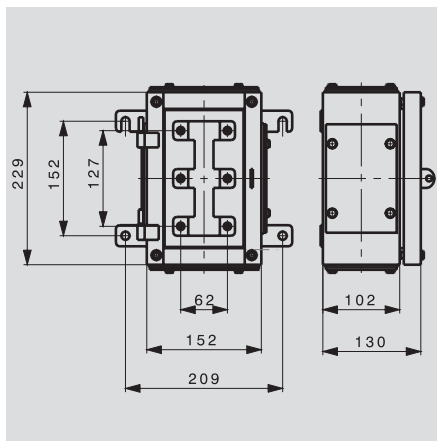
Klippon® TB-Series

Sheet steel enclosures for hazardous Area applications



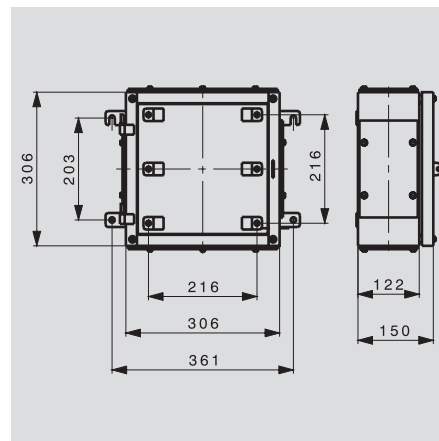
Length x Width x Height mm

Klippon TB 221513



229 x 152 x 130

Klippon TB 303015



306 x 306 x 150

Technical data

Dimensions	
Inner height	mm
Weight	g
Cable entries	
M16	
M20	
M25	
M32	
M40	
M50	
Terminal equipment	
WDU 2.5 / ZDU 2.5	
WDU 4 / ZDU 4	
WDU 6 / ZDU 6	
WDU 10 / ZDU 10	

Top / Bottom	Left / Right
6	6
3	3
2	2
1	1
25	
21	
16	
12	

Top / Bottom	Left / Right
26	14
14	8
8	4
4	2
3	2
3	2
78	
66	
50	
40	

Information

The horizontal spacing of the fixing lugs is reduced by 30mm in the versions without gland plates on the sides.

The horizontal spacing of the fixing lugs is reduced by 30mm in the versions without gland plates on the sides.

Ordering data

Painted	
2 gland sides (top and bottom)	
4 gland sides (all sides)	
Stainless steel	
2 gland sides (top and bottom)	
4 gland sides (all sides)	
Information	

Type	Order No.
Klippon TB221513M/S 2GP	1829280000
Klippon TB221513M/S 4GP	1829290000
Klippon TB221513S/S 2GP	1829260000
Klippon TB221513S/S 4GP	1829270000

Type	Order No.
Klippon TB303015M/S 2GP	1829320000
Klippon TB303015M/S 4GP	1829330000
Klippon TB303015S/S 2GP	1829300000
Klippon TB303015S/S 4GP	1829310000

Accessories

Mounting plate	
Painted, RAL 7032	
Stainless steel	
Other accessories	
Padlock, brass, with 2 keys	
Screwdriver, hexagon 10 mm, insulated	
Screwdriver, hexagon 10 mm, non-insulated	
Information	

Type	Qty.	Order No.
MP TB221513 MS	1	1853530000
MP TB221513 SS	1	1853440000
Padlock	1	9509140000
ISK 10.0x126	10	9008940000
SK 10.0x125	10	9009070000
For screwdrivers see chapter Tools, Page N.54 ff.		

Type	Qty.	Order No.
MP TB303015 MS	1	1853560000
MP TB303015 SS	1	1853450000
Padlock	1	9509140000
ISK 10.0x126	10	9008940000
SK 10.0x125	10	9009070000
For screwdrivers see chapter Tools, Page N.54 ff.		

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Delivery times see page X.2

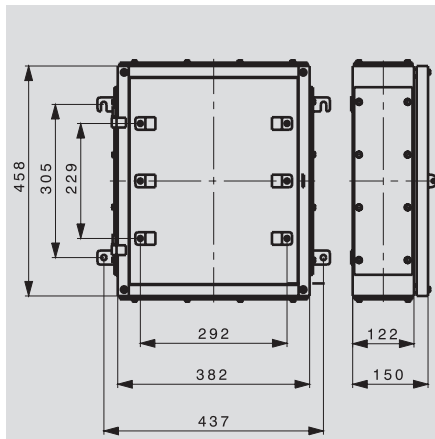
Klippon® TB-Series

Sheet steel enclosures for hazardous Area applications



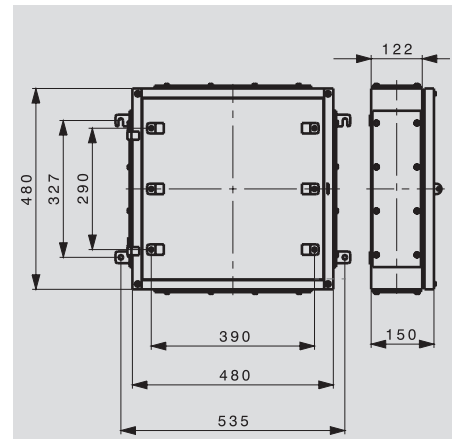
Length x Width x Height mm

Klippon TB 453815



458 x 382 x 150

Klippon TB 484815



480 x 480 x 150

Technical data

Dimensions

Inner height	mm
Weight	g

Cable entries

M16	
M20	
M25	
M32	
M40	
M50	

Terminal equipment

WDU 2.5 / ZDU 2.5	
WDU 4 / ZDU 4	
WDU 6 / ZDU 6	
WDU 10 / ZDU 10	

Information

122	
10249	

Top / Bottom	Left / Right
29	29
18	18
10	10
6	6
5	5
4	4

207	
174	
132	
105	

The horizontal spacing of the fixing lugs is reduced by 30mm in the versions without gland plates on the sides.

122	
10400	

Top / Bottom	Left / Right
29	29
18	18
10	10
6	6
5	5
4	4

292	
244	
184	
148	

The horizontal spacing of the fixing lugs is reduced by 30mm in the versions without gland plates on the sides.

Ordering data

Painted

2 gland sides (top and bottom)	
4 gland sides (all sides)	

Stainless steel

2 gland sides (top and bottom)	
4 gland sides (all sides)	

Information

Type

Klippon TB453815M/S 2GP	1829360000
Klippon TB453815M/S 4GP	1829370000
Klippon TB453815S/S 2GP	1829340000
Klippon TB453815S/S 4GP	1829350000

Type

Klippon TB484815M/S 2GP	1829400000
Klippon TB484815M/S 4GP	1829410000
Klippon TB484815S/S 2GP	1829380000
Klippon TB484815S/S 4GP	1829390000

Accessories

Mounting plate

Painted, RAL 7032	
Stainless steel	

Other accessories

Padlock, brass, with 2 keys	
Screwdriver, hexagon 10 mm, insulated	
Screwdriver, hexagon 10 mm, non-insulated	

Information

Type	Qty.	Order No.
MP TB453815 MS	1	1853590000
MP TB453815 SS	1	1853470000
Padlock	1	9509140000
ISK 10.0x126	10	9008940000
SK 10.0x125	10	9009070000

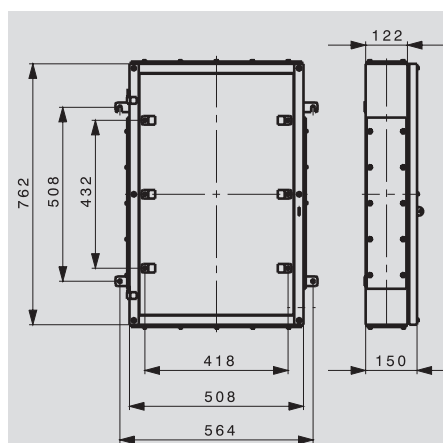
For screwdrivers see chapter Tools, Page N.54 ff.

Type	Qty.	Order No.
MP TB484815 MS	1	1854800000
MP TB484815 SS	1	1854790000
Padlock	1	9509140000
ISK 10.0x126	10	9008940000
SK 10.0x125	10	9009070000

For screwdrivers see chapter Tools, Page N.54 ff.

Klippon® TB-Series

Klippon TB 765015



762 x 508 x 150

122	
22170	
Top / Bottom	Left / Right
42	42
24	24
16	14
8	8
7	7
6	6

508
424
320
256

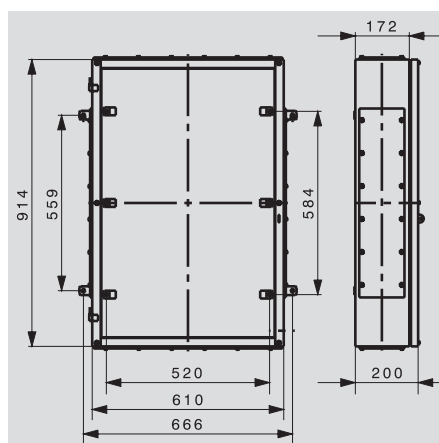
The horizontal spacing of the fixing lugs is reduced by 30mm in the versions without gland plates on the sides.

Type	
Klippon TB765015M/S 2GP	1829440000
Klippon TB765015M/S 4GP	1829450000
Klippon TB765015S/S 2GP	1829420000
Klippon TB765015S/S 4GP	1829430000

Type	Qty.	Order No.
MP TB765015 MS	1	1853610000
MP TB765015 SS	1	1853480000
Padlock	1	9509140000
ISK 10.0x126	10	9008940000
SK 10.0x125	10	9009070000

For screwdrivers see chapter Tools, Page N.54 ff.

Klippon TB 916120



914 x 610 x 200

172	
31000	
Top / Bottom	Left / Right
72	72
42	42
24	24
18	18
8	8
7	7

780
655
495
395

The horizontal spacing of the fixing lugs is reduced by 30mm in the versions without gland plates on the sides.

Type	
Klippon TB916120M/S 2GP	1829480000
Klippon TB916120M/S 4GP	1829490000
Klippon TB916120S/S 2GP	1829460000
Klippon TB916120S/S 4GP	1829470000

Type	Qty.	Order No.
MP TB916120 MS	1	1853630000
MP TB916120 SS	1	1853510000
Padlock	1	9509140000
ISK 10.0x126	10	9008940000
SK 10.0x125	10	9009070000

For screwdrivers see chapter Tools, Page N.54 ff.

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Delivery times see page X.2

TB-Series

Sheet steel enclosures

For many years the TB-Series of enclosures has proven its worth in rough industrial environments. Here it offers the same technical features as the NextT-Series.

The stainless steel versions of this series are recommended for corrosion protection.

Features:

- 6 sizes in 2 material versions
- 2 or 4 gland plates
- Lid opens 180°
- Concealed hinges
- Internal/External earthing stud
- Fixing lugs

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



Technical data

Material	TB 10-12G	Sheet steel or stainless steel 316L 1.4404 1.50 mm
	TB13-14	Sheet steel or stainless steel 316L 1.4404 2.03 mm (14 SWG)
	Gland	Sheet steel or stainless steel 316L 1.4404 3.25 mm (10 SWG)
Surface	Painted	RAL 7032
	Stainless steel	Polished, chemically dipped
Gasket		Chloroprene (lid and gland plate)
Lid fixing		Fully detachable hinged lid with 4 or 6 captive hexagon screws
Earthing		Internal/External earthing stud M10
Enclosure mounting		4 external lugs with 10 mm spacing holes/slots
Equipment mounting		4 spacers, external diameter 10 mm, M 6x10 mm thread
Protection class		IP 66
Impact resistance		7J
Temperature range		-40°C to +85°C, 100°C for 1 h

Approvals

BAS 01ATEX2209 U

 II 2 GD EEx e II

BAS 01ATEX2210 X

 II 2 GD T85°C EEx e II T6

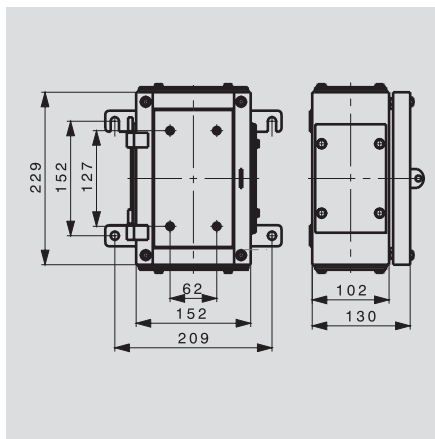
TB-Series

Sheet steel enclosures for harsh environments



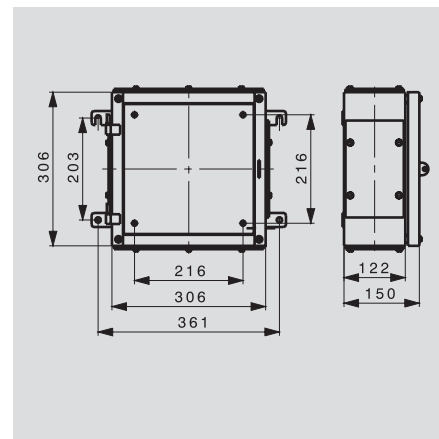
Length x Width x Height mm

TB 10



229 x 152 x 130

TB 11



306 x 306 x 150

Technical data

Dimensions

Inner height	mm	100
Weight	g	3375

Cable entries

M16	
M20	
M25	
M32	
M40	
M50	

Top / Bottom	Left / Right
8	8
6	6
3	3
2	2
1	1

Terminal equipment

WDU 2.5 / ZDU 2.5	
WDU 4 / ZDU 4	
WDU 6 / ZDU 6	
WDU 10 / ZDU 10	

25	
21	
16	
12	

Information

The horizontal spacing of the fixing lugs is reduced by 30mm in the versions without gland plates on the sides.

Ordering data

Painted

2 gland sides (top and bottom)
4 gland sides (all sides)

Stainless steel

2 gland sides (top and bottom)
4 gland sides (all sides)

Information

Type

TB10 2GP BOX PAINT	3802800000
TB10 4GP BOX PAINT	3801100000
TB10 2GP ST/ST	3800600000
TB10 4GP ST/ST	3802100000

Type

TB11 2GP BOX PAINT	3802900000
TB11 4GP BOX PAINT	3801200000
TB11 2GP ST/ST	3800700000
TB11 4GP ST/ST	3802200000

Accessories

Mounting plate

Painted, RAL 2000
Stainless steel

Spacer M6

Set of 2 pieces each	15 mm
	20 mm
	30 mm

Other accessories

Padlock, brass, with 2 keys
Screwdriver, hexagon 10 mm, insulated
Screwdriver, hexagon 10 mm, non-insulated

Type

Type	Qty.	Order No.
MP Next 22/15 2000	1	9513370000
MP Next 22/15 ss	1	9513320000
SP 15	1	3896100000
SP 20	1	3896200000
SP 30	1	3896300000
Padlock	1	9509140000
ISK 10.0x126	10	9008940000
SK 10.0x125	10	9009070000

Information

For screwdrivers see chapter Tools, Page N.54 ff.

Type

Type	Qty.	Order No.
MP Next 30/30 2000	1	9513380000
MP Next 30/30 ss	1	9513330000
SP 15	1	3896100000
SP 20	1	3896200000
SP 30	1	3896300000
Padlock	1	9509140000
ISK 10.0x126	10	9008940000
SK 10.0x125	10	9009070000

For screwdrivers see chapter Tools, Page N.54 ff.

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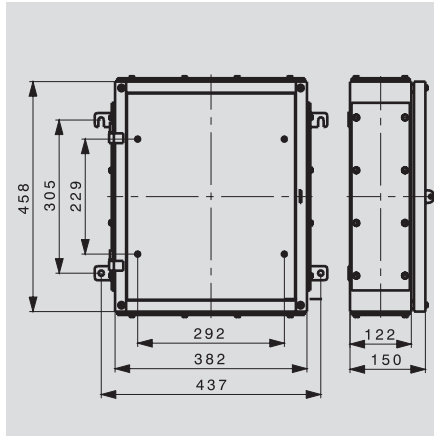
TB-Series

Sheet steel enclosures for harsh environments



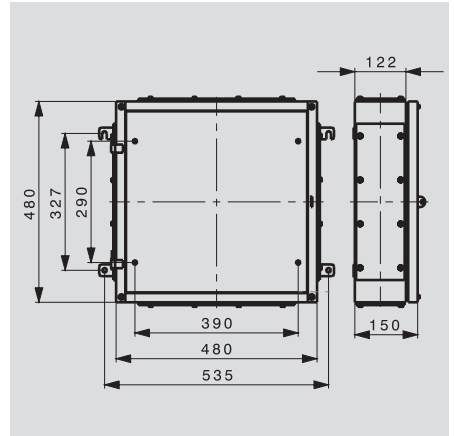
Length x Width x Height mm

TB 12



458 x 382 x 150

TB 12a



480 x 480 x 150

Technical data

Dimensions

Inner height	mm
Weight	g

Cable entries

M16	
M20	
M25	
M32	
M40	
M50	

Terminal equipment

WDU 2.5 / ZDU 2.5	
WDU 4 / ZDU 4	
WDU 6 / ZDU 6	
WDU 10 / ZDU 10	

120	
10249	
Top / Bottom	Left / Right
41	41
22	22
18	18
7	7
5	5
4	4

120	
10400	
Top / Bottom	Left / Right
41	41
22	22
18	18
7	7
5	5
4	4

Information

The horizontal spacing of the fixing lugs is reduced by 30mm in the versions without gland plates on the sides.

The horizontal spacing of the fixing lugs is reduced by 30mm in the versions without gland plates on the sides.

Ordering data

Painted

2 gland sides (top and bottom)	
4 gland sides (all sides)	

Stainless steel

2 gland sides (top and bottom)	
4 gland sides (all sides)	

Information

Type	
TB12 PAINTED 2GP	3803000000
TB12 4GP BOX PAINT	3801300000
TB 12 ST/ST 2GP	3800800000
TB12 4GP ST/ST	3802300000

Type	
TB12A 2g/pl ptd	9504000000
TB12A 4GP BOX PAINT	9517940000
TB12A 2g/pl s/s	9500010000
TB12A 4GP ST/ST	9518020000

Accessories

Mounting plate

Painted, RAL 2000	
Stainless steel	

Spacer M6

Set of 2 pieces each	15 mm
	20 mm
	30 mm

Other accessories

Padlock, brass, with 2 keys	
Screwdriver, hexagon 10 mm, insulated	
Screwdriver, hexagon 10 mm, non-insulated	

Type	Qty.	Order No.
MP Next 45/38 2000	1	9513390000
MP Next 45/38 ss	1	9513340000
SP 15	1	3896100000
SP 20	1	3896200000
SP 30	1	3896300000
Padlock	1	9509140000
ISK 10.0x126	10	9008940000
SK 10.0x125	10	9009070000

Type	Qty.	Order No.
MP Next 48/48 2000	1	9518190000
MP Next 48/48 ss	1	9518180000
SP 15	1	3896100000
SP 20	1	3896200000
SP 30	1	3896300000
Padlock	1	9509140000
ISK 10.0x126	10	9008940000
SK 10.0x125	10	9009070000

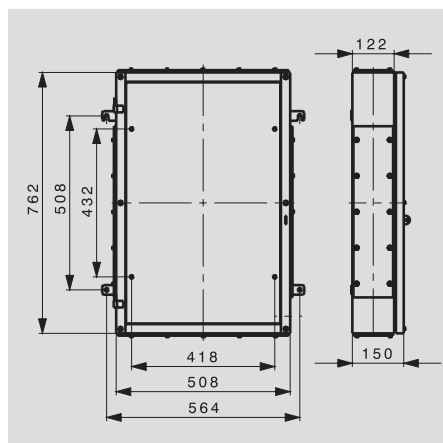
Information

For screwdrivers see chapter Tools, Page N.54 ff.

For screwdrivers see chapter Tools, Page N.54 ff.

TB-Series

TB 13



762 x 508 x 150

120
22170

Top / Bottom	Left / Right
56	56
30	30
24	24
9	9
8	8
6	6

508
424
320
264

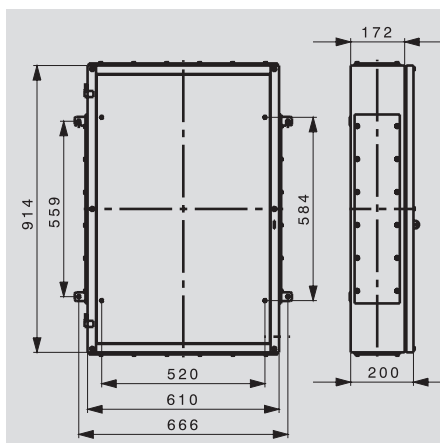
The horizontal spacing of the fixing lugs is reduced by 30mm in the versions without gland plates on the sides.

Type	
TB 13 PAINTED 2GP	3803100000
TB13 4GP BOX PAINT	3801400000
TB 13 ST/ST 2GP	3800900000
TB13 4GP ST/ST	3802400000

Type	Qty.	Order No.
MP Next 76/50 2000	1	9513400000
MP Next 76/50 ss	1	9513350000
SP 15	1	3896100000
SP 20	1	3896200000
SP 30	1	3896300000
Padlock	1	9509140000
ISK 10.0x126	10	9008940000
SK 10.0x125	10	9009070000

For screwdrivers see chapter Tools, Page N.54 ff.

TB 14



914 x 610 x 200

172
31000

Top / Bottom	Left / Right
69	69
36	36
30	30
12	12
9	9
7	7

780
655
495
395

The horizontal spacing of the fixing lugs is reduced by 30mm in the versions without gland plates on the sides.

Type	
TB14/5 2GP BOX PAINT	3803200000
TB14 4gpl ptd	3801500000
TB14 2gpl s/s	3801000000
TB14 4GP ST/ST	3802500000

Type	Qty.	Order No.
MP Next 91/61 2000	1	9513410000
MP Next 91/61 ss	1	9513360000
SP 15	1	3896100000
SP 20	1	3896200000
SP 30	1	3896300000
Padlock	1	9509140000
ISK 10.0x126	10	9008940000
SK 10.0x125	10	9009070000

For screwdrivers see chapter Tools, Page N.54 ff.

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