

Klippon® TB Large for industrial and hazardous areas

High-size fully certified enclosures

Whether indoors or outdoors: To ensure installation components function reliably over the long term in harsh environments, they must be optimally protected from environmental influences. Our high-size enclosures meet the most stringent requirements and are well thought out down to the last detail.

We offer high-quality control enclosures and terminal boxes even for hazardous or safety-relevant areas in mechanical engineering and the process industry. All products are made of high-quality stainless steel and are available in three standard sizes. They comply with IP66 and type 4x, withstand temperatures from -50 °C to +135 °C, and meet the global standards ATEX, IECEx, and cULus.



Your special advantages:

- The robust stainless steel enclosures meet all important international standards such as IEC 62208, IECEx, ATEX, and cULus. This enables them to be used all over the world.
- All metal parts are made of corrosion-resistant 316L stainless steel, and the silicone seals withstand high temperatures.
- High-quality compression latches ensure a smooth closing and secure locking of the enclosure.
- Within the minimum and maximum dimensions, individually customised solutions are possible – either with a brushed or coated finish.
- We offer services such as assembly, wiring, testing/certification, and VMI.

Silicon gaskets

All gaskets are made of silicone, which withstands a temperature range from -50°C to +135°C

Concealed hinges

AISI316L welded
Removable shaft for maintenance

Water & dust proof

to IP66 and Type 4x

Triple certification

ATEX, IECEx, cULus - UL 50
Class 1 Div 2
Class 1 Zone 2

Document holder

AISI 316L as Standard

Reinforced frame

Structure the door to avoid any risk of buckling
Support for fixing rails and/or components

Compression latches

AISI316L material
180° operation
First 90° to rotate the latch
Second 90° to compress the gasket

Door roller

To ensure door alignment
when closing

4 Lifting eyes

Sheet metal version is standard
Removable eye-bolt version optional

AISI316L material

2mm thick enclosure body
2,5 mm thick enclosure door
AISI 316L earth stud
(brass or AISI 304 as an option)

Brushed finish

(240 Grit)
Painted finish available on objects

Three standard sizes

1000mm x 500mm x 300mm
1250mm x 800mm x 400mm
1500mm x 1000mm x 500mm

Project specific

Customization available

Welded mounting feet

4 or 6 dependent on enclosure size

Mounting plates

One rear and two side MP
3mm thick
zinc plated as standard
AISI 316L or AISI 304 on customer demand

Gland plate fitted to the base of enclosure

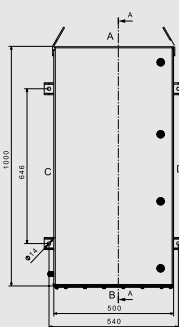
3mm thick as standard, up to 6mm on specific projects
Can be more than one gland plate on specific projects

Enclosure - Empty

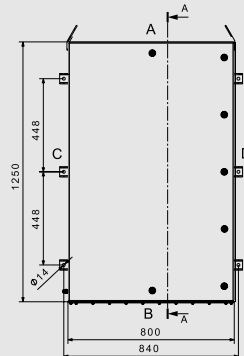
Pos.	Description	Basis Type	Rear MP* (H x W mm)	Side MP* (H x W mm)	Gland Plate (W x D mm)	Enclosure size (H x W x D mm)	Weight* (kg)	Part Number
1	KTBLQL1005030S4B1 LL1	QL	973 x 437	937 x 180	453 x 222mm	1000 x 500 x 300mm	100	2698400000
2	KTBLQL1258040S4B1 LL1	QL	1187 x 737	1187 x 280	750 x 314mm	1250 x 800 x 400mm	160	2698420000
3	KTBLQL15010050S4B1 LL1	QL	1437 x 937	1437 x 380	750 x 314mm	1500 x 1000 x 500mm	210	2698430000

*MP = Mounting Plate / Weight - Empty enclosure without packaging / Rain hood and sun shades accessories available

Dimension 1000 x 500 x 300mm



Dimension 1250 x 800 x 400mm



Dimension 1500 x 1000 x 500mm

