

## QL KTB QL 553515 S4E0

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### **Stainless steel enclosures for the use within explosion-risk zones**

**The Klippon® TB enclosure series features superior performance characteristics, even in the most extreme environmental surroundings. In addition, it meets the rigorous requirements of explosion-risk zones that can be found in the process or power generation industries. The new Klippon® TB QL enclosure series offers further improvements to a product line that is already successfully leading the market.**

### **The Klippon® TB QL enclosure series features the following advantages:**

**The cover seal is protected against compression, quick-locking lid, comes with a slot as standard, Improved temperature performance IP 66 protection Earthing studs in enclosure cover and bottom section Welded-on mounting feet International approvals**

- Available in 12 sizes and 3 standard depths
- Equipped with up to 4 gland plates
- The seal is protected against compression
- Quick-locking lid, comes with a slot as standard
- Improved temperature performance
- IP 66 protection
- Earthing studs in enclosure cover and bottom section

- Welded-on mounting feet
- International approvals

### **General ordering data**

Order No.	<a href="#">1200550000</a>
Type	KTB QL 553515 S4E0
Version	Enclosures, stainless steel enclosure, Stainless steel 1.4404 (316L), 550 mm, 150 mm, 350 mm
GTIN (EAN)	4032248983612
Qty.	1 pc(s).

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**Technical data****Dimensions and weights**

Length	150 mm	Width	350 mm
Height	550 mm	Depth	150 mm
Mounting dimension - width	376 mm	Mounting dimension - height	350 mm
Net weight	7,500 g		

**Cable glands, left**

M12 (3)	42	M16 (3)	24
M20 (3)	20	M25 (3)	9
M32 (3)	7	M40 (3)	6
M50 (3)	5	M63 (3)	0
M75 (3)	0		

**Cable glands, right**

M12 (2)	42	M16 (2)	24
M20 (2)	20	M25 (2)	9
M32 (2)	7	M40 (2)	6
M50 (2)	5	M63 (2)	0
M75 (2)	0		

**Cable glands, top/bottom**

M12	27	M16	15
M20	13	M25	6
M32	5	M40	4
M50	3	M63	0
M75	0		

**General information**

AF size 1	10 mm	Access opening: height	497 mm
Access opening: width	291 mm	Areas of use	Explosive risk zone, Process industry, Oil and gas industry, Chemical industry, Offshore, Onshore
Installation advice	Terminal rail / mounting plate	Material thickness	1.5 mm
Material thickness of cover	1.5 mm	Material thickness of flange	3 mm
Max. payload	77 kg	Opening angle lid	125 °
Overall dimensions	550 x 401 x 160	Position PE bolts	Page C
Material	Stainless steel 1.4404 (316L)	Seal material	Silicone
Surface finish	electropolished	Operating temperature, min.	-60 °C
Operating temperature, max.	135 °C	Impact resistance	7 J ATEX version, 10 J version standard
Protection degree	IP 66	Enclosure attachment	4 welded-on mounting feet with 11-mm holes (2 slotted feet and 2 cross- shaped feet)
Cover attachment	Quarter-turn fastener with slotted insert	Integral fixing	4, 6 or 9 stud bolts M6 inner (female) thread

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**Technical data****Housing earth**

Earth, housing, internal	Welded-on M6 stainless-steel earth stud in lower part of housing and lid.
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**horizontal assembly**

WDU 10 / ZDU 10	3x26	WDU 16 / ZDU 16	3x22
WDU 2,5 / ZDU 2,5 / IDU 2,5	4x52	WDU 35 / ZDU 35	2x16
WDU 4 / ZDU 4	4x43	WDU 6 / ZDU 6	4x32

**vertical assembly**

WDU 10 / ZDU 10 (2)	2x46	WDU 16 / ZDU 16 (2)	1x39
WDU 2,5 / ZDU 2,5 / IDU 2,5 (2)	2x91	WDU 35 / ZDU 35 (2)	1x29
WDU 4 / ZDU 4 (2)	2x76	WDU 6 / ZDU 6 (2)	2x58

**Classifications**

eClass 6.2	27-14-91-07	eClass 7.1	27-14-91-07
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**Test certificates**

Certificate No. (ATEX)	KEMA10ATEX0047U	Certificate No. (GERMLLOYD)	11534-10
Certificate No. (IECEX)	IECEXKEM10.0016U	Certificate no. (cULus)	E243298VOL1SEC5

**Approvals**

Approvals



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**Drawings**

