

QL KTB QL 403015 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.	1200220000
Type	KTB QL 403015 S4E0
Version	Enclosures, stainless steel enclosure, Stainless steel 1.4404 (316L), 400 mm, 150 mm, 300 mm
GTIN (EAN)	4032248983018
Qty.	1 pc(s).

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Technical data**Dimensions and weights**

Length	150 mm	Width	300 mm
Height	400 mm	Depth	150 mm
Mounting dimension - width	326 mm	Mounting dimension - height	247 mm
Net weight	6,000 g		

Cable glands, left

M12 (3)	29	M16 (3)	16
M20 (3)	13	M25 (3)	6
M32 (3)	5	M40 (3)	4
M50 (3)	3	M63 (3)	0
M75 (3)	0		

Cable glands, right

M12 (2)	29	M16 (2)	16
M20 (2)	13	M25 (2)	6
M32 (2)	5	M40 (2)	4
M50 (2)	3	M63 (2)	0
M75 (2)	0		

Cable glands, top/bottom

M12	23	M16	13
M20	11	M25	5
M32	4	M40	3
M50	3	M63	0
M75	0		

General information

AF size 1	10 mm	Access opening: height	347 mm
Access opening: width	241 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	48 kg	Opening angle lid	125 °
Overall dimensions	400 x 351 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	2x21	WDU 16 / ZDU 16	2x18
WDU 2,5 / ZDU 2,5 / IDU 2,5	3x42	WDU 35 / ZDU 35	1x13
WDU 4 / ZDU 4	3x35	WDU 6 / ZDU 6	2x26

vertical assembly

WDU 10 / ZDU 10 (2)	1x32	WDU 16 / ZDU 16 (2)	1x26
WDU 2,5 / ZDU 2,5 / IDU 2,5 (2)	2x62	WDU 35 / ZDU 35 (2)	1x20
WDU 4 / ZDU 4 (2)	2x52	WDU 6 / ZDU 6 (2)	1x39

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)	IECEXKEM10.0020	Certificate no. (cULus)	E243298VOL1SEC5

Approvals

Approvals



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Drawings

