

MH KTB MH 403020 S4E0

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Stainless steel housings for the use within explosive-risk zones

The Klippon® TB housing series features excellent performance characteristics, even under the most difficult environmental surroundings. And it meets the stricter requirements of explosive-risk zones found in the process or power generation industries

The new Klippon® TB MH housing series offers further improvements to a product line that is already successfully leading the market.

The Klippon® TB MH housing series features the following advantages:

- Available in 12 sizes and 3 standard depths
- Equipped with up to 4 flange plates
- The seal is protected against compression
- Completely removable padlock mechanism
- Cover lock outside the sealed zone
- Improved temperature performance
- IP66/IP67 protection
- Completely removable cover – no tools required
- Earth stud in housing cover and bottom section
- Welded-on mounting feet
- International approvals

General ordering data

Order No.	1194950000
Type	KTB MH 403020 S4E0
Version	Enclosures, stainless steel enclosure, Stainless steel 1.4404 (316L), 400 mm, 200 mm, 300 mm
GTIN (EAN)	4032248977567
Qty.	1 pc(s).

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Technical data
Dimensions and weights

Length	200 mm	Width	300 mm
Height	400 mm	Depth	200 mm
Mounting dimension - width	326 mm	Mounting dimension - height	247 mm
Net weight	6,900 g		

Cable glands, left

M12 (3)	48	M16 (3)	32
M20 (3)	20	M25 (3)	17
M32 (3)	9	M40 (3)	7
M50 (3)	3	M63 (3)	3
M75 (3)	2		

Cable glands, right

M12 (2)	48	M16 (2)	32
M20 (2)	20	M25 (2)	17
M32 (2)	9	M40 (2)	7
M50 (2)	3	M63 (2)	3
M75 (2)	2		

Cable glands, top/bottom

M12	38	M16	26
M20	17	M25	14
M32	7	M40	6
M50	3	M63	2
M75	2		

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 215	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, IP 67	Note: protection class	For use in the temperature range over 105°C, the IP protection is limited to IP 66.
Enclosure attachment	4 welded-on mounting feet with 11-mm holes (2 slotted feet and 2 cross- shaped feet)	Cover attachment	4 hinges and M6 hex-head slotted screws SW10
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.

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)	KEMA10ATEX0046U	Certificate No. (GERMLLOYD)	11533-10
Certificate No. (IECEX)	IECEXKEM10.0019	Certificate No. (MARITREG)	10.04093.250
Certificate no. (cULus)	E243298VOL1SEC4		

Approvals

Approvals



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Drawings

