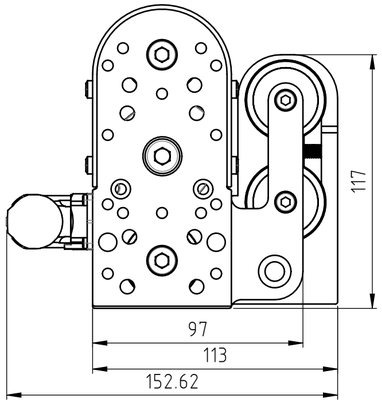
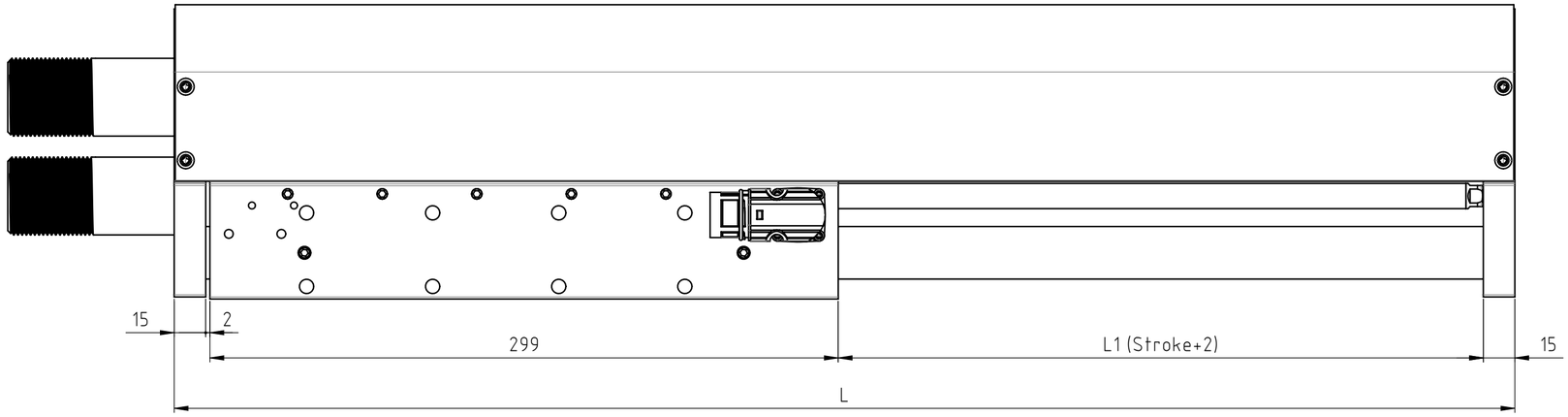
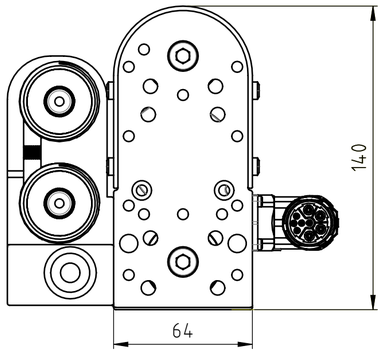
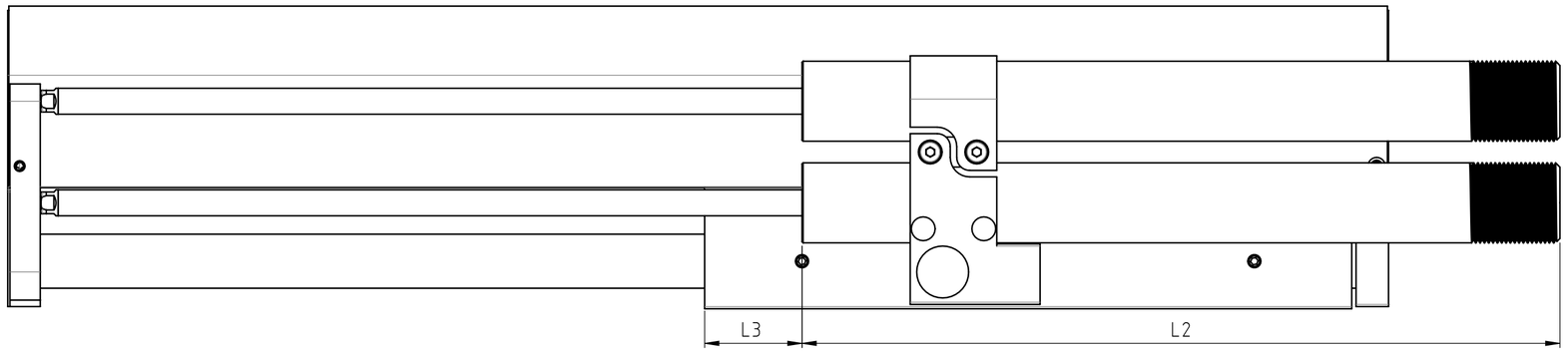
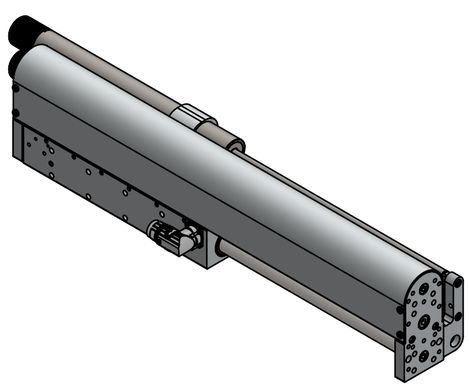


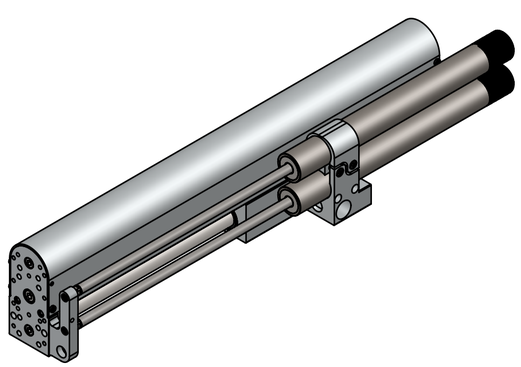




| Article no. | Designation | Length L [mm (inch)] | | Stroke [mm (inch)] | | L2 [mm (inch)] | | L3 [mm (inch)] | | Moving mass [g (lb)] | | Total weight [g (lb)] | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0150-4182 | DM01-48x240F-HP-C-95__CS01__MS08 | 428 | (16.85) | 95 | (3.74) | 125 | (4.92) | 55 | (2.17) | 5199 | (11.46) | 12625 | (27.83) |
| 0150-24182 | DM01-48x240F-HP-C-95__CS01__MS08-2S | | | | | | | | | | | | |
| 0150-4181 | DM01-48x240F-HP-C-185__CS01__MS08 | 518 | (20.39) | 185 | (7.28) | 200 | (7.87) | 45 | (1.77) | 6317 | (13.93) | 14623 | (32.23) |
| 0150-24181 | DM01-48x240F-HP-C-185__CS01__MS08-2S | | | | | | | | | | | | |
| 0150-4183 | DM01-48x240F-HP-C-305__CS01__MS08 | 638 | (25.12) | 305 | (12.00) | 350 | (13.78) | 45 | (1.77) | 7729 | (17.04) | 16915 | (37.29) |
| 0150-24183 | DM01-48x240F-HP-C-305__CS01__MS08-2S | | | | | | | | | | | | |
| 0150-6595 | DM01-48x240F-HP-C-395__CS01__MS08 | 728 | (28.66) | 395 | (15.55) | 425 | (16.73) | 35 | (1.38) | 8502 | (18.74) | 19271 | (42.49) |





| Rev. | Change | Date | Author | Appr. |
|---|---|---|---|---|
| A | Document created | 11.11.2026 | sm | jb |

General tolerance DIN ISO 2768 - mK

Created by: NTI AG

Status: 13.11.2026/sm

Material:

LinMot®

File name: 0184-0023_DM01-48x240H-HP-C-XXX_CS01_MSxx (-2S)

Weight (g):

NTI AG LinMot & MagSpring
Bodenaeckerstrasse 2
CH-8957 Spreitenbach

Title, additional title: DM01-48x240F-HP-C-XXX_CS01_MSxx (-2S)

Technical Drawing DM01-48x240_CS01_MSxx (-2S)

Document type: Assembly drawing

Drawing number / Index: 0184-0023 A

Template type: SW2026
Version: V1.1
NTI_EN_A2_0_Horizontal_Sheet_format_V1.1

Art.No.: See table

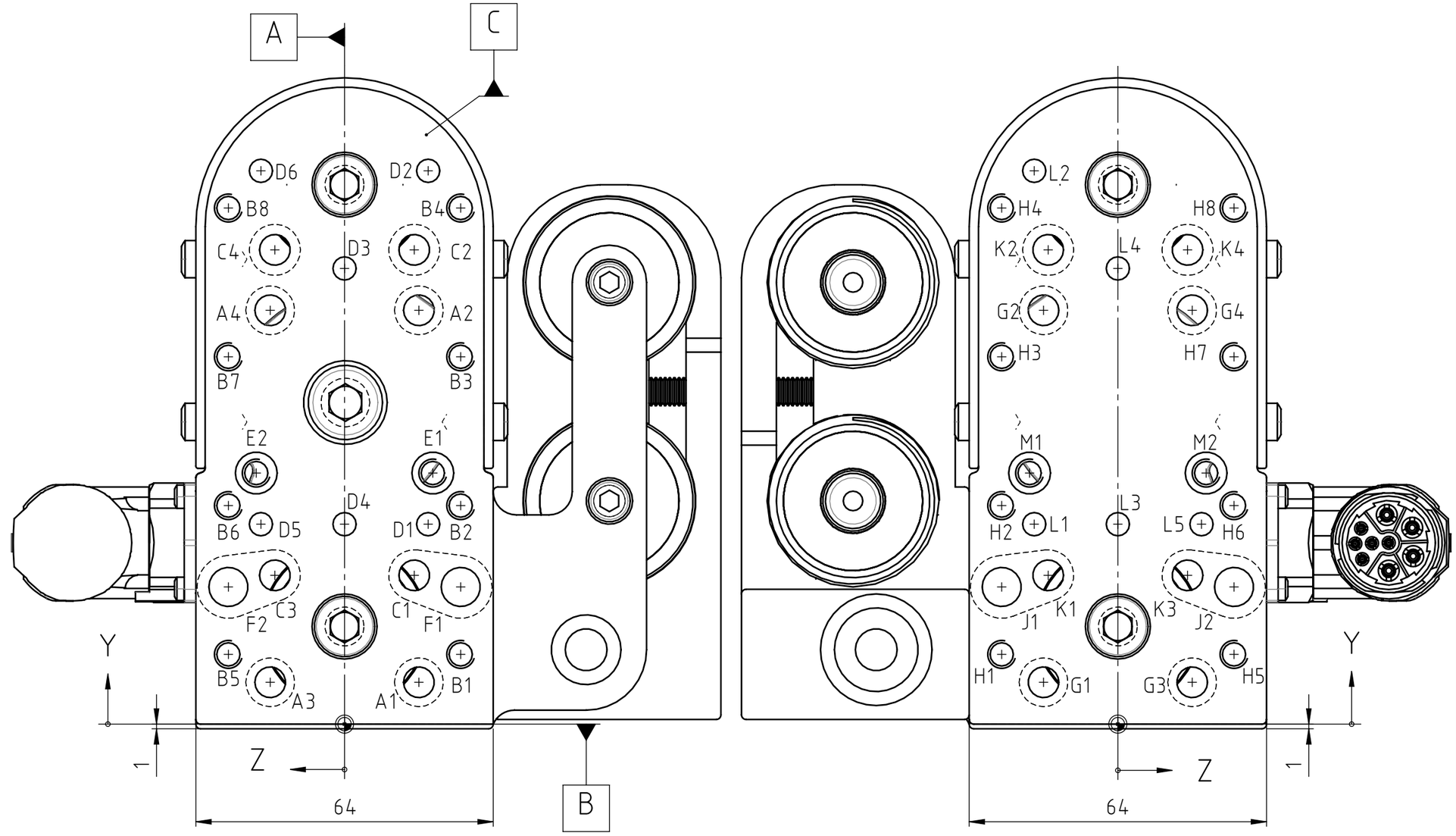
Scale: 1:2

Sheet: 1 / 3

A2

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| LABEL | Z-POS. | Y-POS. | SIZE |
|---|---|---|---|
| A1 | -16 | 9 | ⌀ 6.6 ↧ 15<br>⌴ ⌀ 10.5 ↧ 6.4 |
| A2 | -16 | 89 | |
| A3 | 16 | 9 | |
| A4 | 16 | 89 | |
| B1 | -25 | 15 | M6 ↧ 15 |
| B2 | -25 | 47 | |
| B3 | -25 | 79 | |
| B4 | -25 | 111 | |
| B5 | 25 | 15 | |
| B6 | 25 | 47 | |
| B7 | 25 | 79 | |
| B8 | 25 | 111 | |
| C1 | -15 | 32 | ⌀ 6.6 ↧ 15<br>⌴ ⌀ 11 ↧ 6.4 |
| C2 | -15 | 102 | |
| C3 | 15 | 32 | |
| C4 | 15 | 102 | |
| D1 | -18 | 43 | ⌀ 5 H7 +0.012 0 ↧ 10 |
| D2 | -18 | 119 | |
| D3 | 0 | 98 | |
| D4 | 0 | 43 | |
| D5 | 18 | 43 | |
| D6 | 18 | 119 | |
| E1 | -19 | 54 | ⌀ 9 H7 +0.015 0 ↧ 2<br>M6 ↧ 15 |
| E2 | 19 | 54 | |
| F1 | -25 | 29.5 | ⌀ 8.4 ↧ 15<br>⌴ ⌀ 13.5 ↧ 6.4 |
| F2 | 25 | 29.5 | |




| LABEL | Z-POS. | Y-POS. | SIZE |
|---|---|---|---|
| G1 | -16 | 9 | ⌀ 6.6 ↧ 15<br>⌴ ⌀ 10.5 ↧ 6.4 |
| G2 | -16 | 89 | |
| G3 | 16 | 9 | |
| G4 | 16 | 89 | |
| H1 | -25 | 15 | M6 ↧ 15 |
| H2 | -25 | 47 | |
| H3 | -25 | 79 | |
| H4 | -25 | 111 | |
| H5 | 25 | 15 | |
| H6 | 25 | 47 | |
| H7 | 25 | 79 | |
| H8 | 25 | 111 | |
| J1 | -25 | 29.5 | ⌀ 8.4 ↧ 15<br>⌴ ⌀ 13.5 ↧ 6.4 |
| J2 | 25 | 29.5 | |

| LABEL | Z-POS. | Y-POS. | SIZE |
|---|---|---|---|
| K1 | -15 | 32 | ⌀ 6.6 ↧ 15<br>⌴ ⌀ 11 ↧ 6.4 |
| K2 | -15 | 102 | |
| K3 | 15 | 32 | |
| K4 | 15 | 102 | |
| L1 | -18 | 43 | ⌀ 5 H7 +0.012 0 ↧ 10 |
| L2 | -18 | 119 | |
| L3 | 0 | 43 | |
| L4 | 0 | 98 | |
| L5 | 18 | 43 | |
| M1 | -19 | 54 | ⌀ 9 H7 +0.018 0 ↧ 2<br>M6 ↧ 15 |
| M2 | 19 | 54 | |

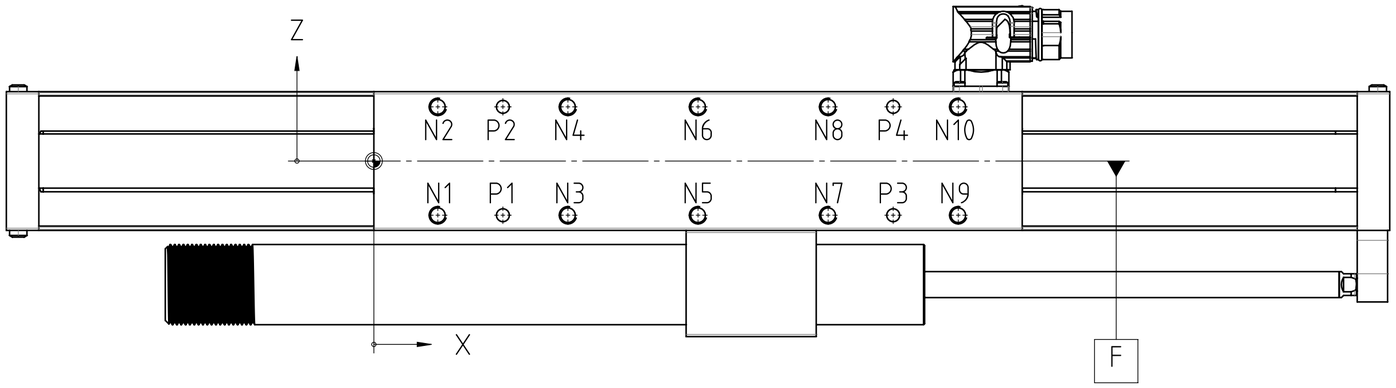
For dowel pin holes

| ⌖ | ⌀0.1 | A | B | C |
|---|---|---|---|---|

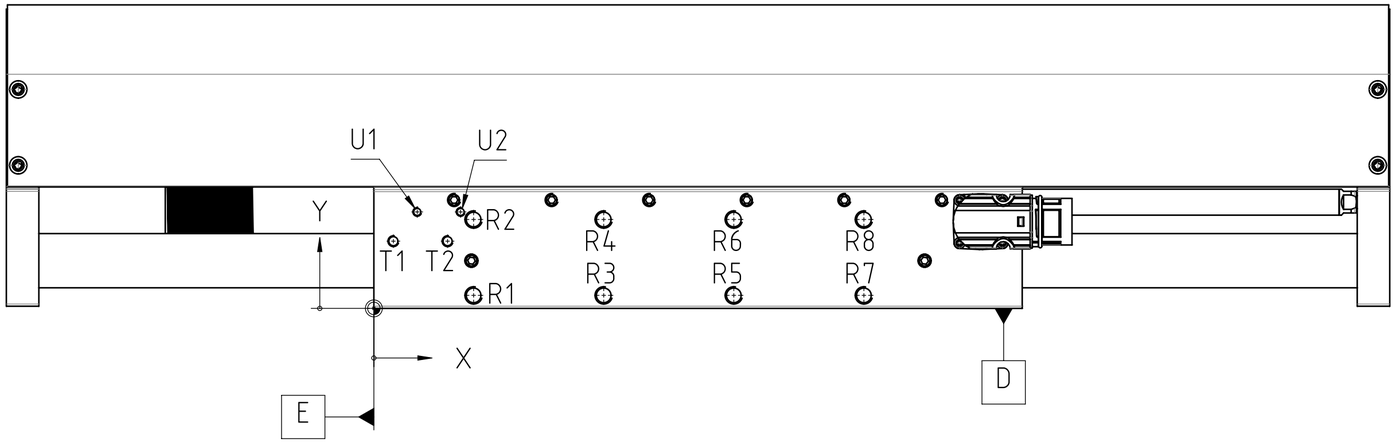
| Rev. | Change | Date | Author | Appr. |
|---|---|---|---|---|
| A | Document created | 11.11.2026 | sm | jb |

| | | | |
|---|---|---|---|
| General tolerance<br>DIN ISO 2768 - mK | Created by<br>NTI AG | Status<br>13.11.2026/sm | Material |
| LinMot® | 0184-0023_DM01-48x240H-HP-C-XXX_CS01_MSxx (-2S) | | Weight (g) |
| NTI AG LinMot & MagSpring<br>Bodenaeckerstrasse 2<br>CH-8957 Spreitenbach | Title, additional title<br>DM01-48x240F-HP-C-XXX_CS01_MSxx (-2S)<br>Technical Drawing DM01-48x240_CS01_MSxx (-2S) | Document type<br>Assembly drawing<br>Drawing number / Index<br>0184-0023 A | |
| Template type: SW2026<br>Version: V1.1<br>NTI_EN_A3_Q_Horizontal_Sheet_format_V1.1 | Art.No.: See table | Scale 1:1 | Sheet 2 / 3 A3 |

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| LABEL | X-POS. | Z-POS. | SIZE |
|---|---|---|---|
| N1 | 29.5 | -25 | M8 ↧ 18 |
| N2 | 29.5 | 25 | |
| N3 | 89.5 | -25 | |
| N4 | 89.5 | 25 | |
| N5 | 149.5 | -25 | |
| N6 | 149.5 | 25 | |
| N7 | 209.5 | -25 | |
| N8 | 209.5 | 25 | |
| N9 | 269.5 | -25 | |
| N10 | 269.5 | 25 | |
| P1 | 59.5 | -25 | ⌀ 6 H7 +0.012 0 ↧ 7 |
| P2 | 59.5 | 25 | |
| P3 | 239.5 | -25 | |
| P4 | 239.5 | 25 | |




| LABEL | X-POS. | Y-POS. | SIZE |
|---|---|---|---|
| R1 | 46 | 6 | M8 ↧ 12 |
| R2 | 46 | 41 | |
| R3 | 106 | 6 | |
| R4 | 106 | 41 | |
| R5 | 166 | 6 | |
| R6 | 166 | 41 | |
| R7 | 226 | 6 | |
| R8 | 226 | 41 | |
| T1 | 9 | 31 | M5 ↧ 10 |
| T2 | 34 | 31 | |
| U1 | 20 | 44.5 | M4 ↧ 8 |
| U2 | 40 | 44.5 | |

For dowel pin holes

| ⌖ | ⌀0.1 | D | E | F |
|---|---|---|---|---|

| Rev. | Change | Date | Author | Appr. |
|---|---|---|---|---|
| A | Document created | 11.11.2026 | sm | jb |

| | | | |
|---|---|---|---|
| General tolerance DIN ISO 2768 - mK | Created by NTI AG | Status 13.11.2026/sm | Material |
| LinMot® | File name 0184-0023_DM01-48x240H-HP-C-XXX_CS01_MSxx (-2S) | | Weight (g) |
| NTI AG LinMot & MagSpring Bodenaeckerstrasse 2 CH-8957 Spreitenbach | Title, additional title DM01-48x240F-HP-C-XXX_CS01_MSxx (-2S) Technical Drawing DM01-48x240_CS01_MSxx (-2S) | | Document type Assembly drawing |
| | | | Drawing number / Index 0184-0023 A |
| Template type: SW2026 Version: V1.1 NTI_EN_A2_0_Horizontal_Sheet_format_V1.1 | Art.No.: See table | Scale 1:2 | Sheet 3 / 3 A2 |

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