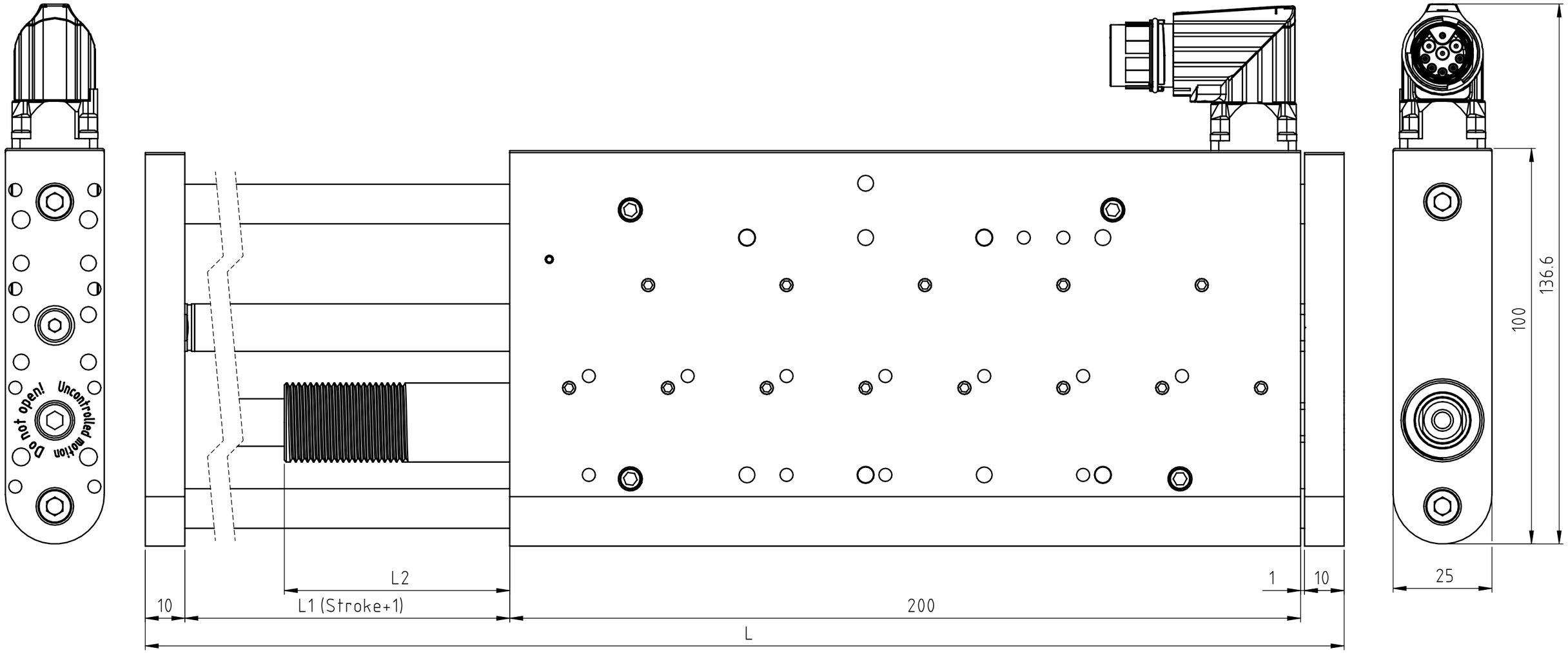
The copyright to this document, which is personally entrusted to the recipient, remains with our company. Without our written permission, the document may not be copied nor reproduced nor communicated or made accessible to third parties without our written permission.



Article no.	Designation	Length L [mm (inch)]		Stroke [mm (inch)]		L2 [mm (inch)]		Moving mass [g (lb)]		Total weight [g (lb)]	
0150-6274	DM03-23x160H-XP-R-80__MS11	302	(11.89)	80	(3.15)	0	(0)	790	(1.74)	2090	(4.61)
0150-6275	DM03-23x160H-XP-R-80__MS12							810	(1.79)	2130	(4.70)
0150-6276	DM03-23x160H-XP-R-80__MS13										
0150-6259	DM03-23x160H-XP-R-140__MS11	362	(14.25)	140	(5.51)	0	(0)	960	(2.12)	2320	(5.11)
0150-6249	DM03-23x160H-XP-R-140__MS12							980	(2.16)	2340	(5.16)
0150-6257	DM03-23x160H-XP-R-140__MS13										
0150-6280	DM03-23x160H-XP-R-210__MS11	432	(17.01)	210	(8.27)	57	(2.24)	1160	(2.56)	2590	(5.71)
0150-6281	DM03-23x160H-XP-R-210__MS12							1190	(2.62)	2620	(5.78)
0150-6282	DM03-23x160H-XP-R-210__MS13										
0150-6283	DM03-23x160H-XP-R-270__MS11	492	(19.37)	270	(10.63)	143	(5.63)	1340	(2.95)	2870	(6.33)
0150-6284	DM03-23x160H-XP-R-270__MS12							1380	(3.04)	2910	(6.42)
0150-6285	DM03-23x160H-XP-R-270__MS13										

Rev.	Change	Date	Author	Appr.
A	Document created	29.10.2026	sm	jb

General tolerance
DIN ISO 2768 - mK

Created by
NTI AG

Status
29.10.2026/sm

Material

LinMot®

0184-0006__DM03-23x160H-XP-R-XXX__MSxx

Weight (g)
2589.08

NTI AG LinMot & MagSpring
Bodenaeckerstrasse 2
CH-8957 Spreitenbach

Title, additional title
DM03-23x160H-XP-R-XXX__MSxx
Technical Drawing DM03-23x160__MSxx

Document type
Assembly drawing

Drawing number / Index
0184-0006 A

Template type: SW2026
Version: V1.1
NTI_EN_A3_Q_Horizontal_Sheet_format_V1.1

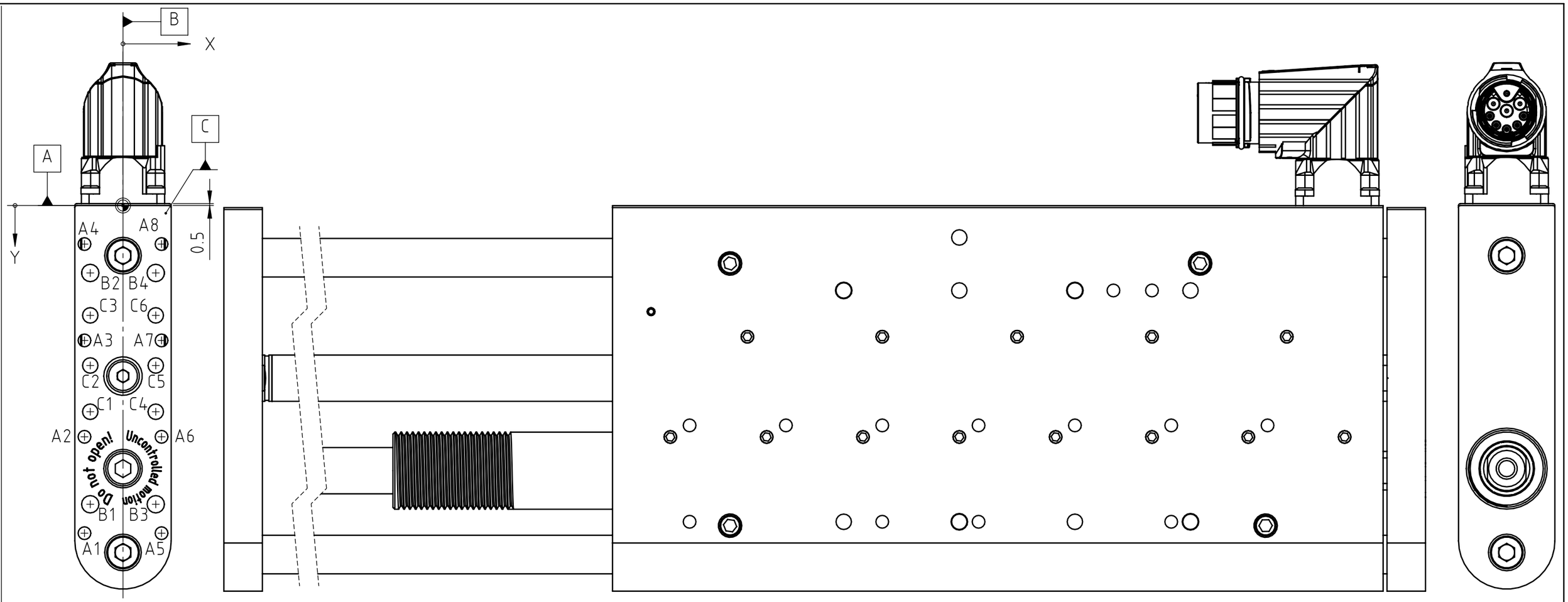
Art.No.: See table

Scale 1:1

Sheet 1 / 3

A3

The copyright to this document, which is personally entrusted to the recipient, remains with our company. Without our written permission, the document may not be copied nor reproduced nor communicated or made accessible to third parties without our written permission.



LABEL	X-POSITION	Y-POSITION	SIZE
A1	-10	85	M4 ↧ 10
A2	-10	60	
A3	-10	35	
A4	-10	10	
A5	10	85	
A6	10	60	
A7	10	35	
A8	10	10	
B1	-8.50	77.50	⌀ 4.5 ↧ 10 ⌴ ⌀ 7.3 ↧ 4.4
B2	-8.50	17.50	
B3	8.50	77.50	
B4	8.50	17.50	
C1	-8.50	53.50	⌀ 4 H7 +0.012 0 ↧ 7.1
C2	-8.50	41.50	
C3	-8.50	28.50	
C4	8.50	53.50	
C5	8.50	41.50	
C6	8.50	28.50	

For dowel pin holes

⌖	⌀ 0.1	A	B	C

Rev.	Change	Date	Author	Appr.
A	Document created	29.10.2026	sm	jb

General tolerance
DIN ISO 2768 - mK

Created by
NTI AG

Status
29.10.2026/sm

Material

LinMot®

0184-0006_DM03-23x160H-XP-R-XXX_MSxx

Weight (g)
2589.08

NTI AG LinMot & MagSpring
Bodenaeckerstrasse 2
CH-8957 Spreitenbach

Title, additional title
DM03-23x160H-XP-R-XXX_MSxx
Technical Drawing DM03-23x160_MSxx

Document type
Assembly drawing

Drawing number / Index
0184-0006 A

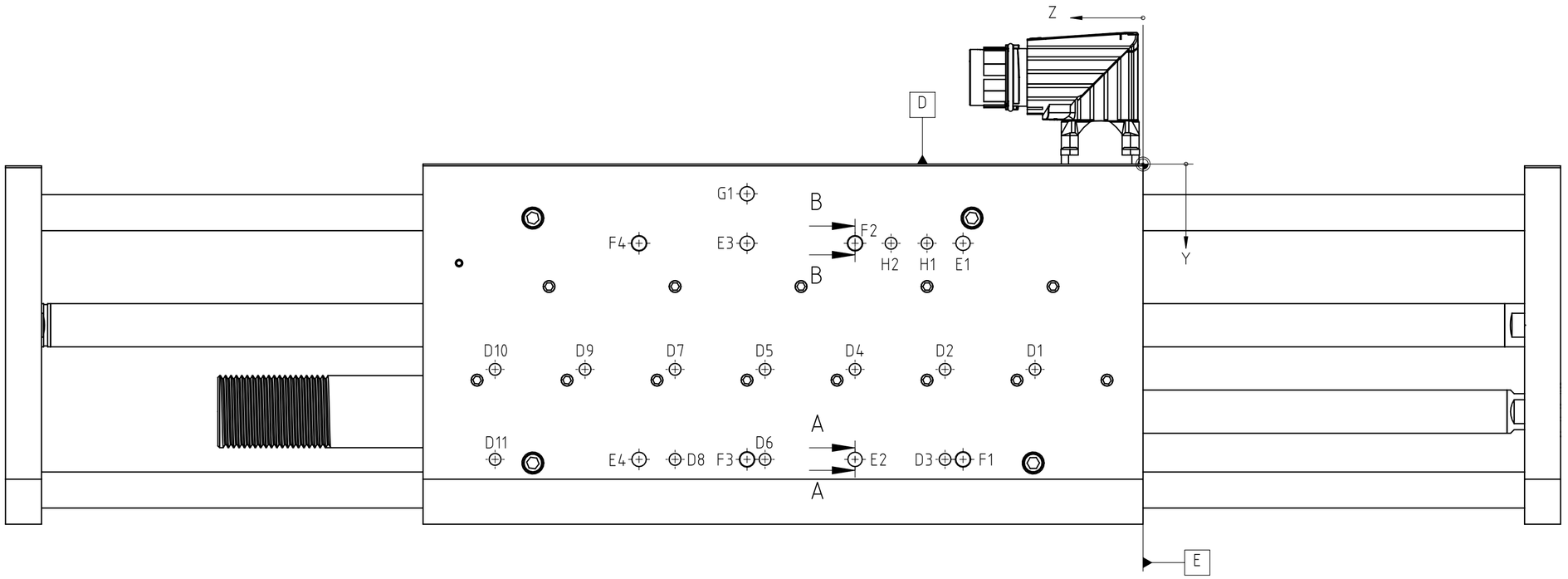
Template type: SW2026
Version: V1.1
NTI_EN_A3_Q_Horizontal_Sheet_format_V1.1

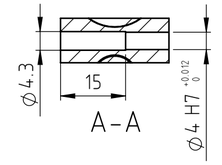
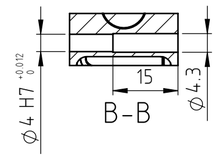
Art.No.: See table

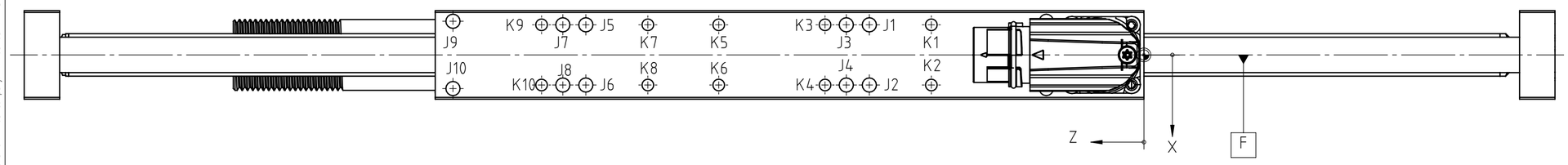
Scale 1:1

Sheet 2 / 3

A3



LABEL	Z-POSITION	Y-POSITION	SIZE
D1	30	57	M4 ↧ 5
D2	55	57	
D3	55	82	
D4	80	57	
D5	105	57	
D6	105	82	
D7	130	57	
D8	130	82	
D9	155	57	
D10	180	57	
D11	180	82	
E1	50	22	
E2	80	82	
E3	110	22	
E4	140	82	
F1	50	82	
F2	80	22	
F3	110	82	
F4	140	22	
G1	110	8.25	∅ 4 H7 +0.012 0 ↧ 5
H1	60	22	M4 ↧ 8
H2	70	22	



LABEL	Z-POSITION	X-POSITION	SIZE
J1	77.50	-8.50	∅ 4 H7 +0.012 0 ↧ 5
J2	77.50	8.50	
J3	84	-8.50	
J4	84	8.50	
J5	157.50	-8.50	
J6	157.50	8.50	
J7	164	-8.50	
J8	164	8.50	
J9	195	-9.50	
J10	195	9.50	
K1	60	-8.50	M4 ↧ 8
K2	60	8.50	
K3	90	-8.50	
K4	90	8.50	
K5	120	-8.50	
K6	120	8.50	
K7	140	-8.50	
K8	140	8.50	
K9	170	-8.50	
K10	170	8.50	

For dowel pin holes

⊕	∅ 0.1	D	E	F

Rev.	Change	Date	Author	Appr.
A	Document created	29.10.2026	sm	jb

General tolerance DIN ISO 2768 - mK	Created by NTI AG	Status 29.10.2026/sm	Material
LinMot®	File name 0184-0006_DM03-23x160H-XP-R-XXX_MSxx		Weight (g) 2589.08
NTI AG LinMot & MagSpring Bodenaeckerstrasse 2 CH-8957 Spreitenbach	Title, additional title DM03-23x160H-XP-R-XXX_MSxx Technical Drawing DM03-23x160_MSxx		Document type Assembly drawing Drawing number / Index 0184-0006 A
Template type: SW2026 Version: V1.1 NTI_EN_A2_G_Horizontal_Sheet_format_V1.1	Art.No.: See table		Scale 1:1 · Sheet 3 / 3 · A2

The copyright to this document, which is personally entrusted to the recipient, remains with our company. Without our written permission, the document may not be copied nor reproduced nor communicated or made accessible to third parties without our written permission.