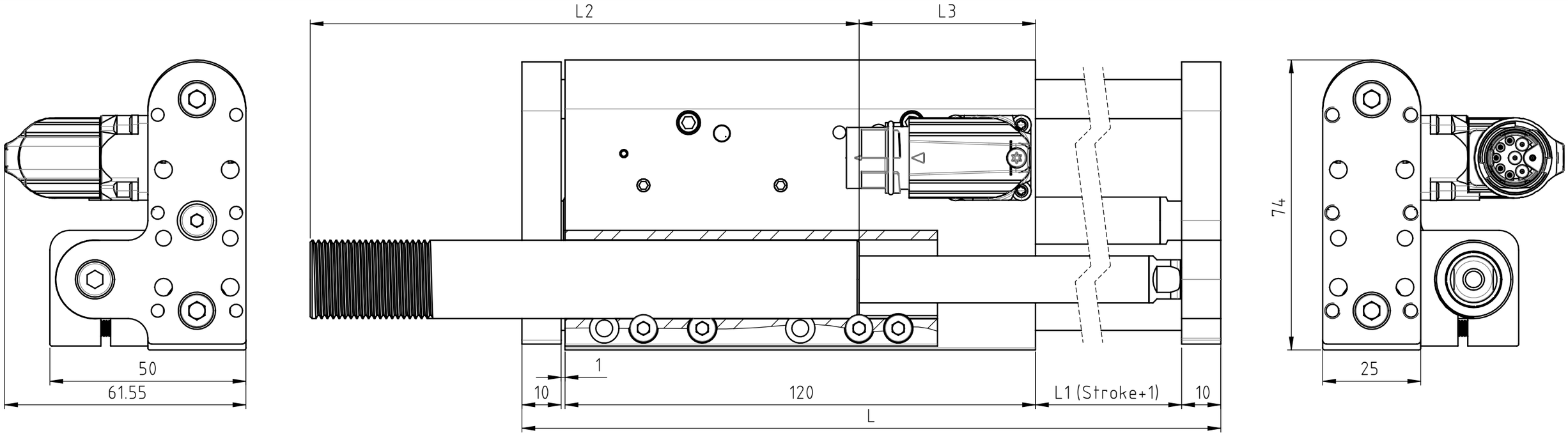
The copyright to this document, which is personally entrusted to the recipient, remains with our company. Without our written permission, the document may not be copied nor reproduced nor communicated or made accessible to third parties without our written permission.

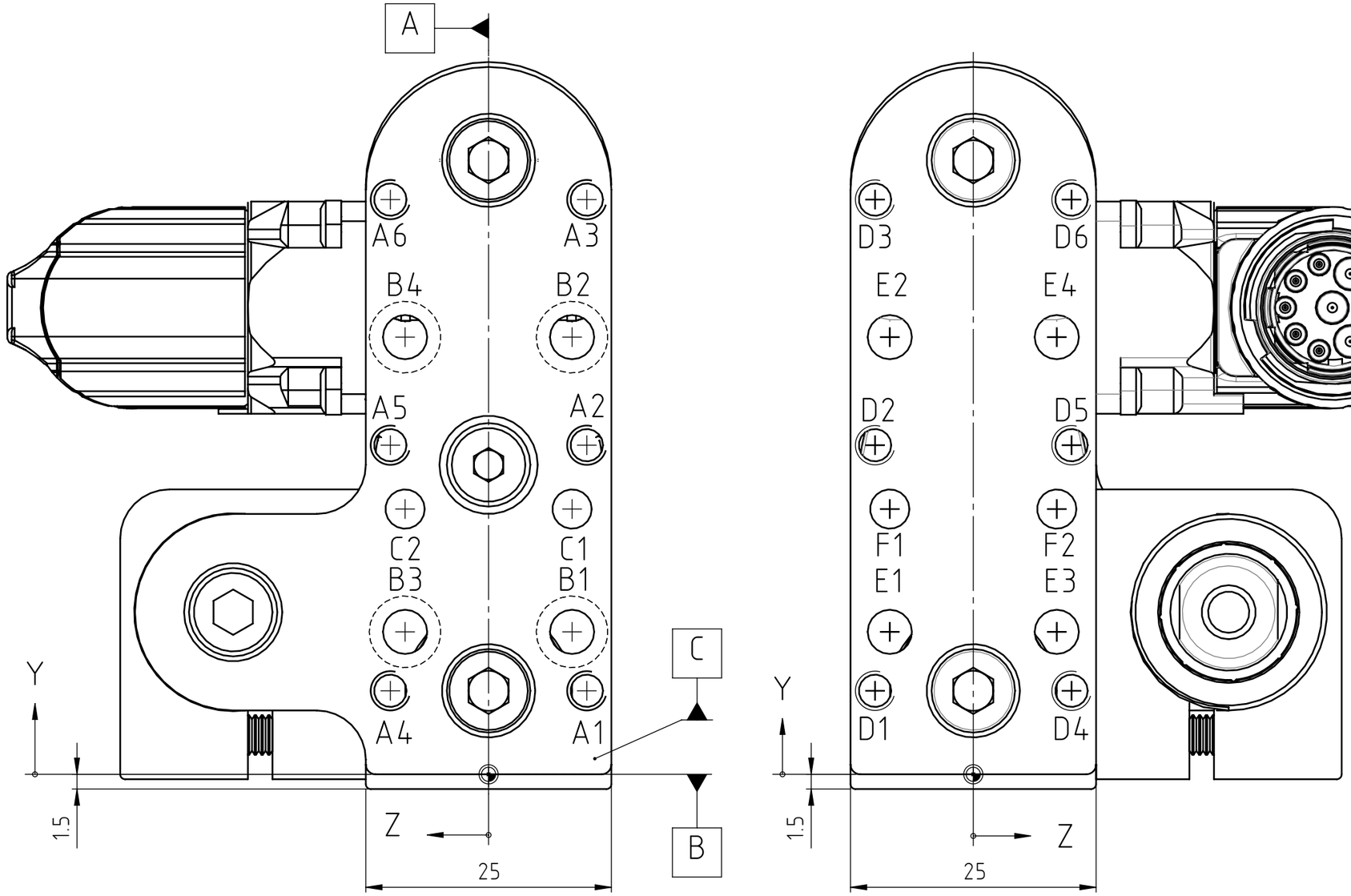


Article no.	Designation	Length L [mm (inch)]		Stroke [mm (inch)]		L2 [mm (inch)]		L3 [mm (inch)]		Moving mass [g (lb)]		Total weight [g (lb)]	
0150-4060	DM01-23x80F-HP-R-60__MS11	202	(7.95)	60	(2.36)	82	(3.23)	23.3	(0.92)	580	(1.28)	1293	(2.85)
0150-4061	DM01-23x80F-HP-R-60__MS12												
0150-4062	DM01-23x80F-HP-R-60__MS13												
0150-4063	DM01-23x80F-HP-R-100__MS11	242	(9.53)	100	(3.93)	140	(5.51)	45	(1.77)	728	(1.60)	1441	(3.18)
0150-4064	DM01-23x80F-HP-R-100__MS12												
0150-4065	DM01-23x80F-HP-R-100__MS13												
0150-4066	DM01-23x80F-HP-R-160__MS11	302	(11.89)	160	(6.30)	220	(8.66)	40	(1.57)	926	(2.04)	1639	(3.61)
0150-4067	DM01-23x80F-HP-R-160__MS12												
0150-4068	DM01-23x80F-HP-R-160__MS13												
0150-4069	DM01-23x80F-HP-R-220__MS11	362	(14.25)	220	(8.66)	230	(9.06)	25	(0.98)	1034	(2.28)	1747	(3.85)
0150-4070	DM01-23x80F-HP-R-220__MS12												
0150-4071	DM01-23x80F-HP-R-220__MS13												
0150-4088	DM01-23x80F-HP-R-290__MS11	432	(17.01)	290	(11.42)	300	(11.81)	39.3	(1.55)	1275	(2.81)	1988	(4.38)
0150-4089	DM01-23x80F-HP-R-290__MS12												
0150-4091	DM01-23x80F-HP-R-290__MS13												

Rev.	Change	Date	Author	Appr.
A	Document created	04.11.2026	sm	jb

General tolerance DIN ISO 2768 - mK	Created by NTI AG	Status 30.10.2026/sm	Material
LinMot®	0184-0002__DM01-23x80F-HP-R-XXX__MSxx		Weight (g)
NTI AG LinMot & MagSpring Bodenaeckerstrasse 2 CH-8957 Spreitenbach	Title, additional title DM01-23x80F-HP-R__XXX__MSxx Technical Drawing DM01-23x80__MSxx		Document type Assembly drawing Drawing number / Index 0184-0002 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	Z-POS.	Y-POS.	SIZE
A1	-10	8.5	M4 ↧ 10
A2	-10	33.5	
A3	-10	58.5	
A4	10	8.5	
A5	10	33.5	
A6	10	58.5	
B1	-8.5	14.5	⌴ ⌀ 7.3 ↧ 4.4 ⌀ 4.5 ↧ 10
B2	-8.5	44.5	
B3	8.5	14.5	
B4	8.5	44.5	
C1	-8.5	27	⌀ 4 H7 +0.012 0 ↧ 8
C2	8.5	27	

LABEL	Z-POS.	Y-POS.	SIZE
D1	-10	8.5	M4 ↧ 10
D2	-10	33.5	
D3	-10	58.5	
D4	10	8.5	
D5	10	33.5	
D6	10	58.5	
E1	-8.5	14.5	⌴ ⌀ 7.3 ↧ 4.4 ⌀ 4.5 ↧ 10
E2	-8.5	44.5	
E3	8.5	14.5	
E4	8.5	44.5	
F1	-8.5	27	⌀ 4 H7 +0.012 0 ↧ 8
F2	8.5	27	

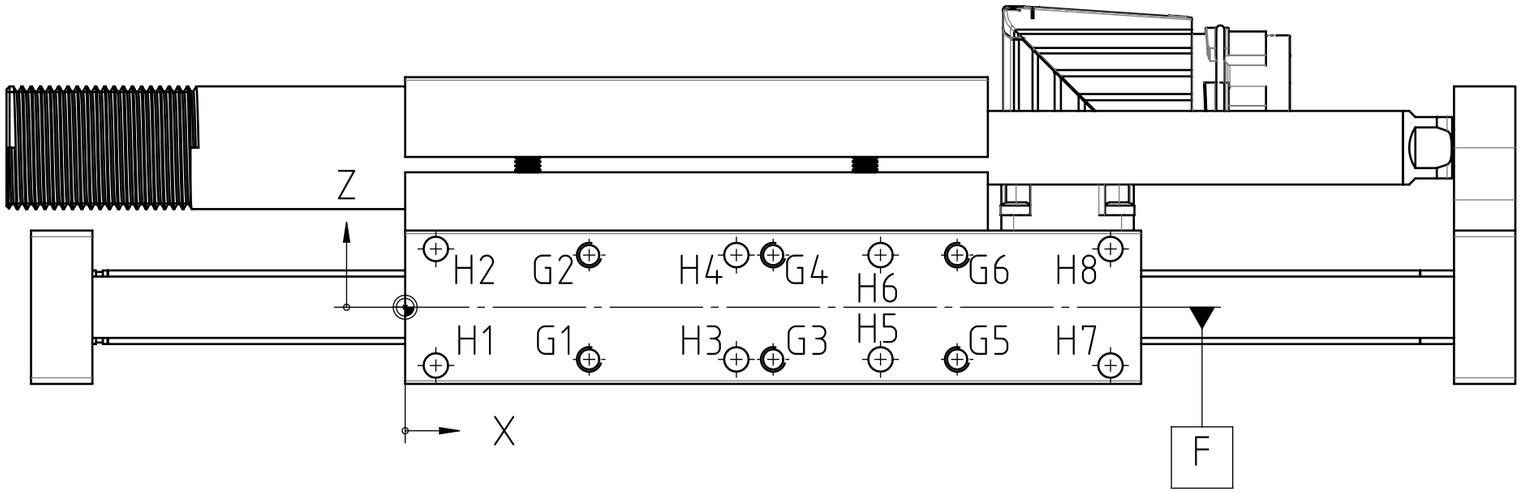
For dowel pin holes

⌖ ⌀0.1 A B C

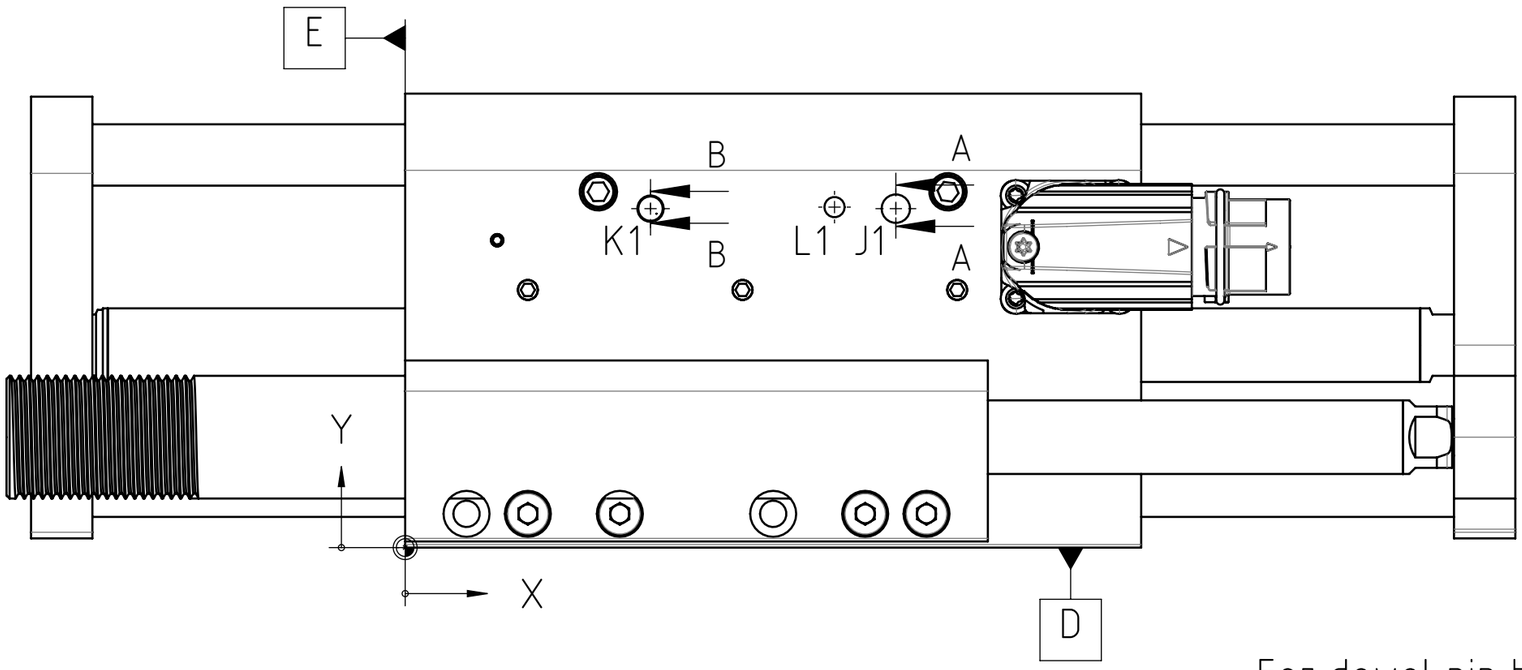
Rev.	Change	Date	Author	Appr.
A	Document created	04.11.2026	sm	jb

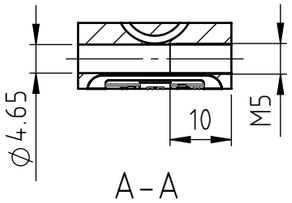
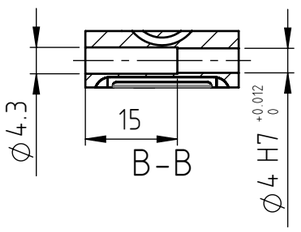
General tolerance DIN ISO 2768 - mK	Created by NTI AG	Status 30.10.2026/sm	Material
LinMot®	0184-0002_DM01-23x80F-HP-R-XXX_MSxx		Weight (g)
NTI AG LinMot & MagSpring Bodenaeckerstrasse 2 CH-8957 Spreitenbach	Title, additional title DM01-23x80F-HP-R_XXX_MSxx Technical Drawing DM01-23x80_MSxx	Document type Assembly drawing Drawing number / Index 0184-0002 A	
Template type: SW2026 Version: V1.1 NTI_EN_A3_Q_Horizontal_Sheet_format_V1.1	Art.No.: See table	Scale 2:1	Sheet 2 / 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-POS.	Z-POS.	SIZE
G1	30	-8.5	M4 ↧ 8
G2	30	8.5	
G3	60	-8.5	
G4	60	8.5	
G5	90	-8.5	
G6	90	8.5	
H1	5	-9.5	∅ 4 H7 +0.012 0 ↧ 5
H2	5	9.5	
H3	54	-8.5	
H4	54	8.5	
H5	77.5	-8.5	
H6	77.5	8.5	
H7	115	-9.5	
H8	115	9.5	



LABEL	X-POS.	Y-POS.	SIZE
J1	80	55.25	
K1	40	55.25	
L1	70	55.5	M4 ↧ 8

For dowel pin holes

⌖	∅0.1	D	E	F

Rev.	Change	Date	Author	Appr.
A	Document created	04.11.2026	sm	jb

General tolerance DIN ISO 2768 - mK	Created by NTI AG	Status 30.10.2026/sm	Material
LinMot®	0184-0002_DM01-23x80F-HP-R-XXX_MSxx		Weight (g)
NTI AG LinMot & MagSpring Bodenaeckerstrasse 2 CH-8957 Spreitenbach	Title, additional title DM01-23x80F-HP-R_XXX_MSxx Technical Drawing DM01-23x80_MSxx	Document type Assembly drawing Drawing number / Index 0184-0002 A	
Template type: SW2026 Version: V1.1 NTI_EN_A3_Q_Horizontal_Sheet_format_V1.1	Art.No.: See table	Scale 1:1	Sheet 3 / 3 A3