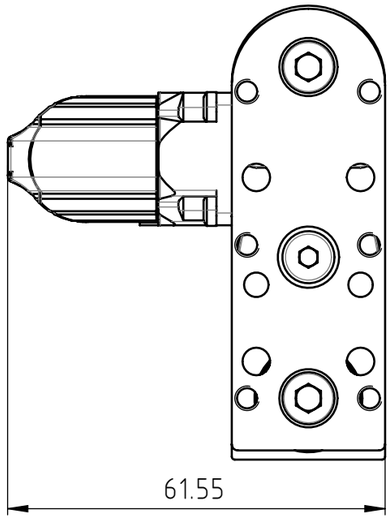
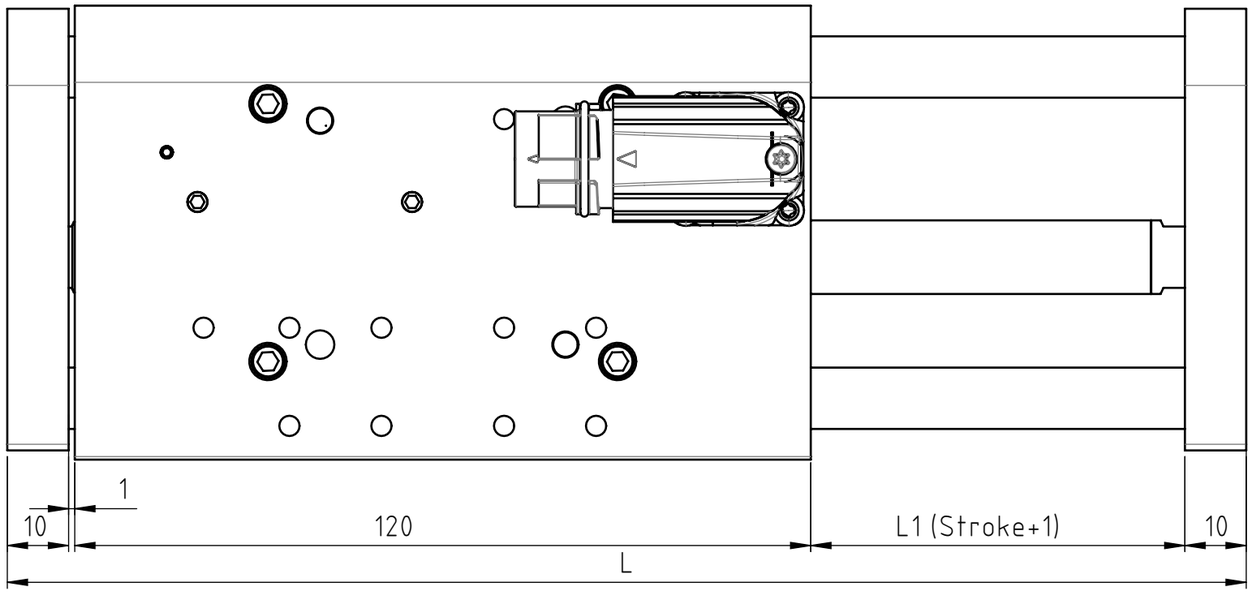
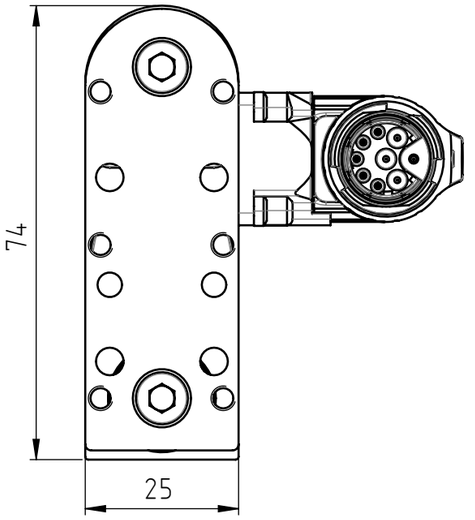
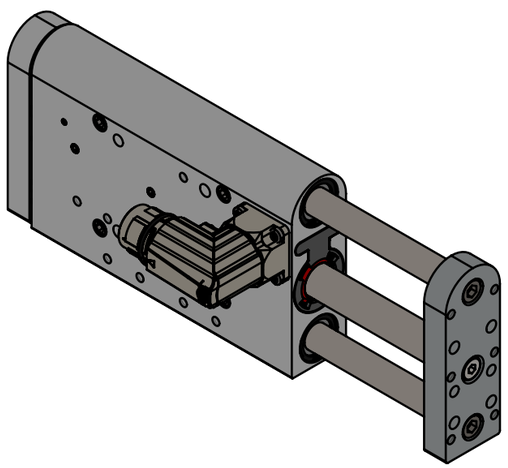
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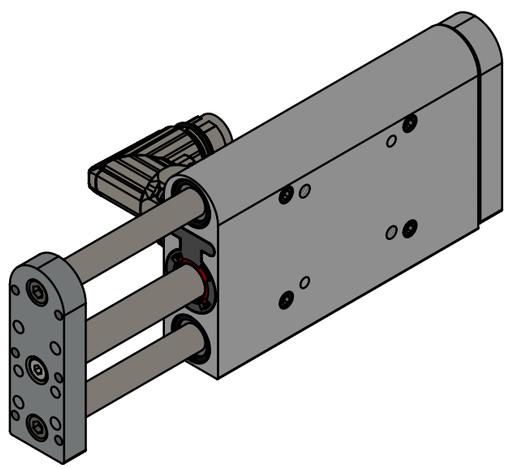






Article no.	Designation	Length L [mm (inch)]		Stroke [mm (inch)]		Moving mass [g (lb)]		Total weight [g (lb)]	
0150-4046	DM01-23x80F-HP-R-60	202	(7.95)	60	(2.36)	460	(1.01)	1039	(2.29)
0150-4047	DM01-23x80F-HP-R-100	242	(9.53)	100	(3.93)	542	(1.19)	1121	(2.47)
0150-4052	DM01-23x80F-HP-R-160	302	(11.89)	160	(6.30)	666	(1.47)	1245	(2.74)
0150-4053	DM01-23x80F-HP-R-220	362	(14.25)	220	(8.66)	774	(1.71)	1353	(2.98)
0150-4087	DM01-23x80F-HP-R-290	432	(17.01)	290	(11.42)	915	(2.02)	1494	(3.29)
0150-4092	DM01-23x80F-HP-R-350	492	(19.37)	350	(13.78)	1037	(2.29)	1616	(3.56)

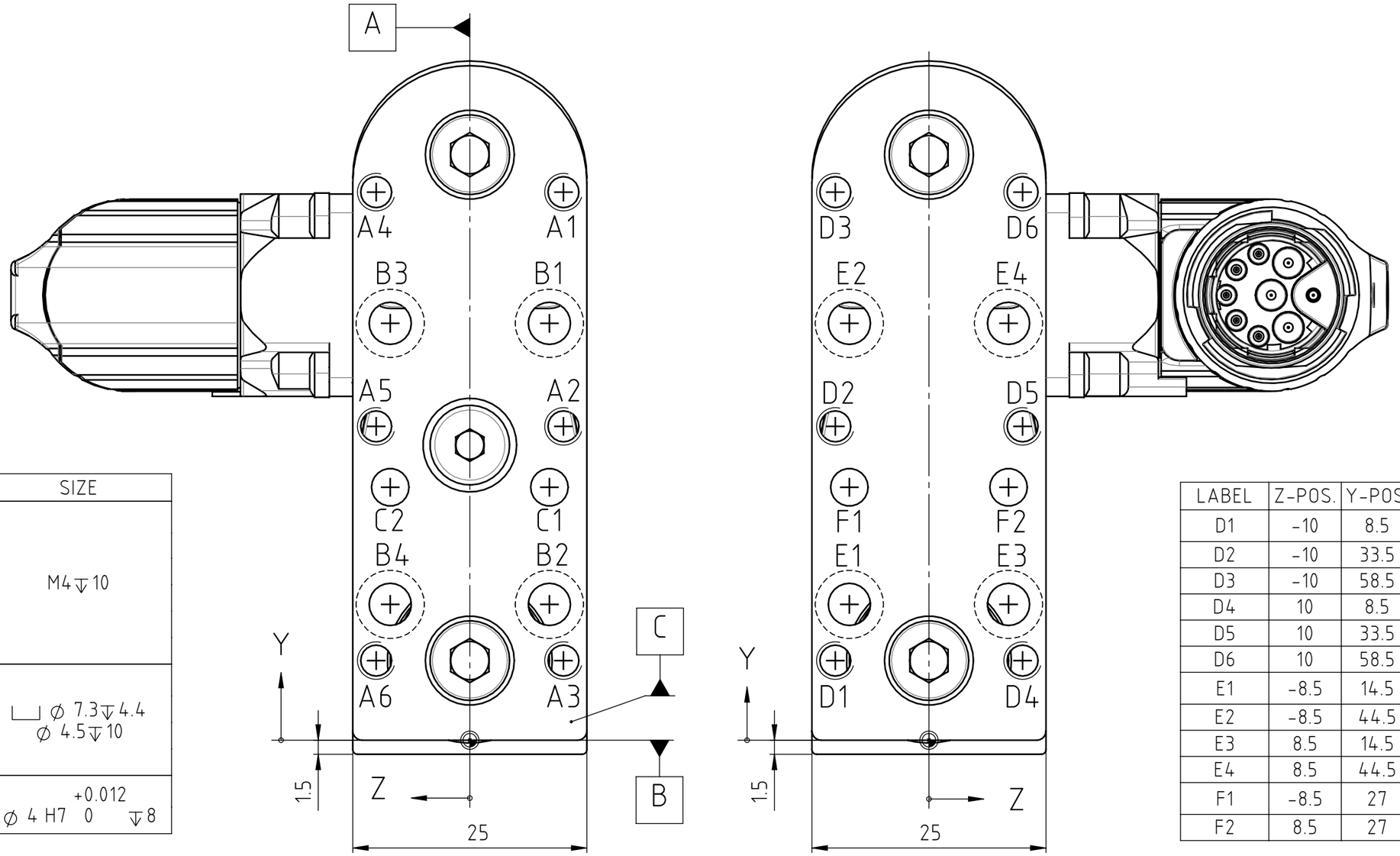




Rev.	Change	Date	Author	Appr.
A	Document created	30.10.2026	sm	jb

General tolerance DIN ISO 2768 - mK	Created by NTI AG	Status 30.10.2026/sm	Material
LinMot®	0184-0001_DM01-23x80F-HP-R-XXX	☐ Safety Rel. ☐ UL-Rel.	Weight (g)
NTI AG LinMot & MagSpring Bodenaeckerstrasse 2 CH-8957 Spreitenbach	Title, additional title DM01-23x80F-HP-R-XXX Technincal drawing DM01-23x80	Document type Assembly drawing	
Template type: SW2026 Version: V1.1 NTI_EN_A3_Q_Horizontal_Sheet_format_V1.1	Art.No.: See table	Drawing number / Index 0184-0001 A	
		Scale 1:1	Sheet 1 / 3 — A3

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LABEL	Z-POS.	Y-POS.	SIZE
A1	-10	58.5	M4 ↧10
A2	-10	33.5	
A3	-10	8.5	
A4	10	58.5	
A5	10	33.5	
A6	10	8.5	
B1	-8.5	44.5	⌴ ⌀ 7.3 ↧4.4 ⌀ 4.5 ↧10
B2	-8.5	14.5	
B3	8.5	44.5	
B4	8.5	14.5	
C1	-8.5	27	+0.012 ⌀ 4 H7 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	+0.012 ⌀ 4 H7 0 ↧8
F2	8.5	27	

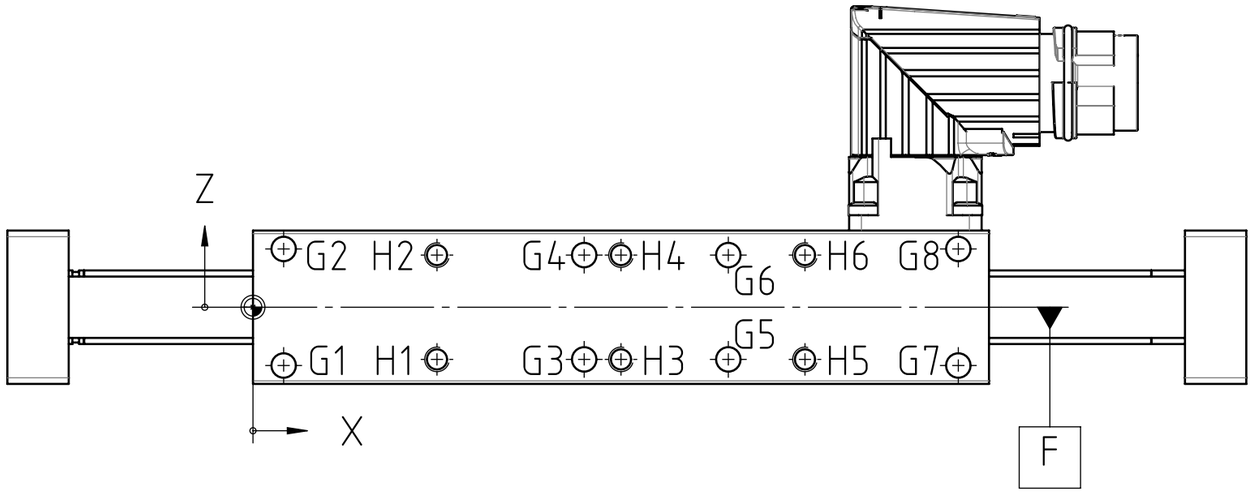
For dowel pin holes

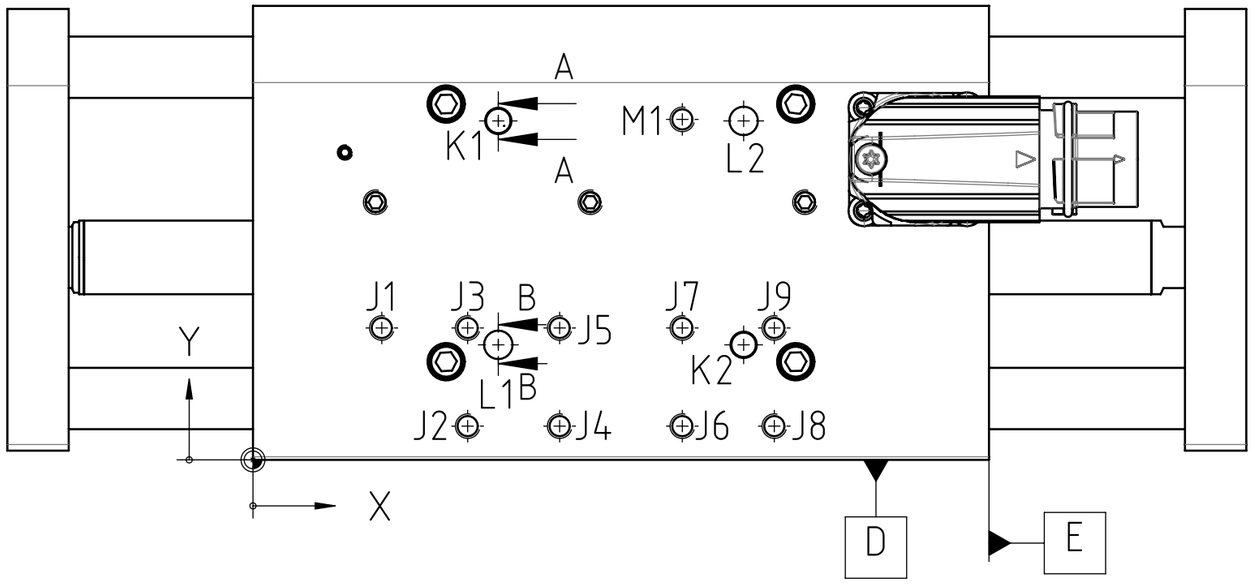
⌖	⌀0.1	A	B	C

Rev.	Change	Date	Author	Appr.
A	Document created	30.10.2026	sm	jb

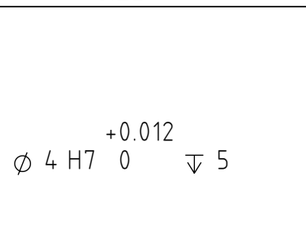
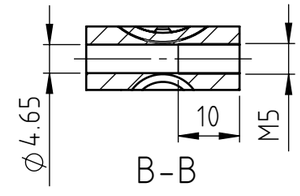
General tolerance DIN ISO 2768 - mK	Created by NTI AG	Status 30.10.2026/sm	Material
LinMot®	0184-0001_DM01-23x80F-HP-R-XXX	☐ Safety Rel. ☐ UL-Rel.	Weight (g)
NTI AG LinMot & MagSpring Bodenaeckerstrasse 2 CH-8957 Spreitenbach	Title, additional title DM01-23x80F-HP-R-XXX Technincal drawing DM01-23x80	Document type Assembly drawing Drawing number / Index 0184-0001 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

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LABEL	X-POS.	Z-POS.	SIZE
G1	5	-9.5	⌀ 4 H7 +0.012 0 ↧ 5
G2	5	9.5	
G3	54	-8.5	
G4	54	8.5	
G5	77.5	-8.5	
G6	77.5	8.5	
G7	115	-9.5	
G8	115	9.5	
H1	30	-8.5	⌀3.3↧11.5 M4 ↧ 8
H2	30	8.5	
H3	60	-8.5	
H4	60	8.5	
H5	90	-8.5	
H6	90	8.5	

LABEL	X-POS.	Y-POS.	SIZE
J1	21	21.5	⌀3.3↧5 M4 ↧ 4
J2	35	5.5	
J3	35	21.5	
J4	50	5.5	
J5	50	21.5	
J6	70	5.5	
J7	70	21.5	
J8	85	5.5	
J9	85	21.5	
K1	40	55.25	
K2	80	18.75	
L1	40	18.75	
L2	80	55.25	
M1	70	55.5	⌀3.3↧11.5 M4 ↧ 8

For dowel pin holes

⌖	⌀0.1	D	E	F

Rev.	Change	Date	Author	Appr.
A	Document created	30.10.2026	sm	jb

General tolerance DIN ISO 2768 - mK	Created by NTI AG	Status 30.10.2026/sm	Material
LinMot®	0184-0001_DM01-23x80F-HP-R-XXX	☐ Safety Rel. ☐ UL-Rel.	Weight (g)
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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