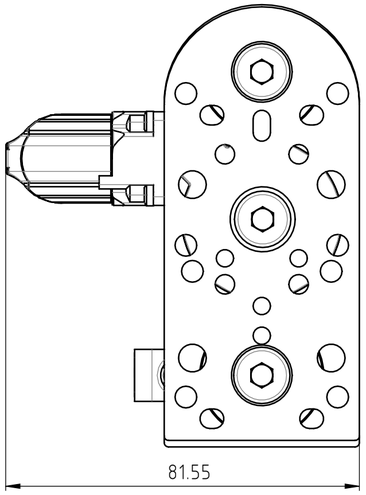
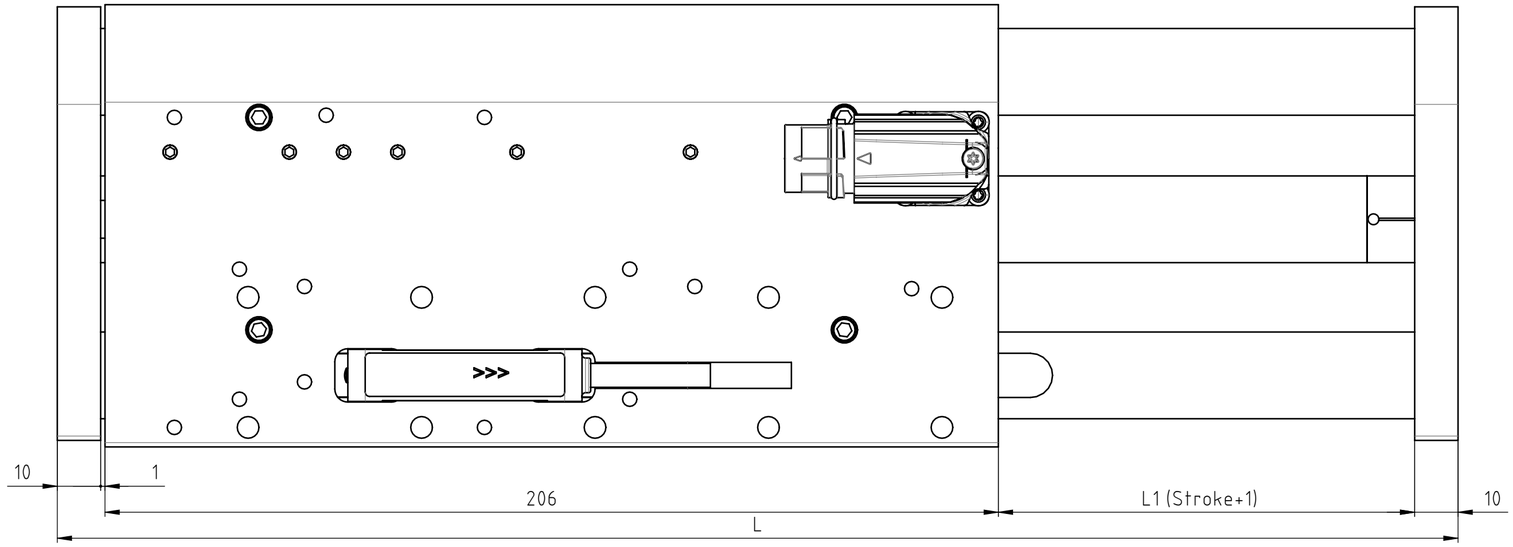
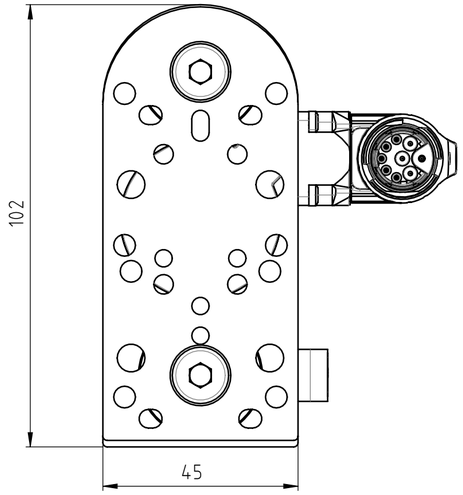
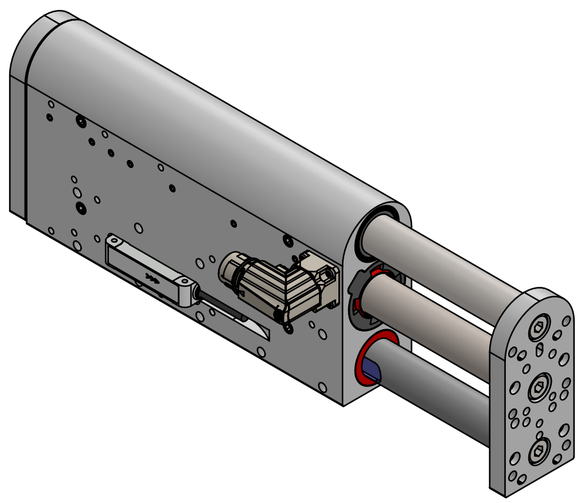
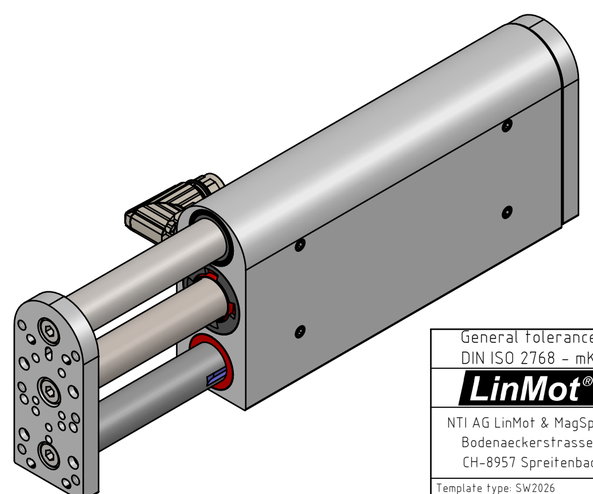






Article no.	Designation	Length L [mm (inch)]		Stroke [mm (inch)]		Moving mass [g (lb)]		Total weight [g (lb)]	
0150-5813	DM01-37x120F-HP-R-95__EN02	323	(12.72)	95	(3.74)	2030	(3.83)	4220	(8.16)
0150-25813	DM01-37x120F-HP-R-95__EN02-2S								
0150-5851	DM01-37x120F-HP-R-195__EN02	423	(16.65)	195	(7.68)	2587	(4.83)	4777	(9.20)
0150-25851	DM01-37x120F-HP-R-195__EN02-2S								
0150-5856	DM01-37x120F-HP-R-295__EN02	523	(20.59)	295	(11.62)	3171	(5.90)	5361	(10.27)
0150-25856	DM01-37x120F-HP-R-295__EN02-2S								
0150-5857	DM01-37x120F-HP-R-395__EN02	623	(24.53)	395	(15.55)	3807	(6.97)	5997	(11.34)
0150-25857	DM01-37x120F-HP-R-395__EN02-2S								
0150-5858	DM01-37x120F-HP-R-495__EN02	723	(28.46)	495	(19.49)	4400	(8.04)	6590	(12.41)
0150-25858	DM01-37x120F-HP-R-495__EN02-2S								





Rev.	Change	Date	Author	Appr.
A	Document created	06.11.2026	sm	jb

General tolerance
DIN ISO 2768 - mK

Created by: NTI AG
Status: 06.11.2026/sm
Material:

LinMot®

File name: 0184-0008__DM01-37x120F-HP-R-XXX__EN02 (-2S)
Weight (g):

NTI AG LinMot & MagSpring
Bodenaeckerstrasse 2
CH-8957 Spreitenbach

Title, additional title: DM01-37x120F-HP-R-XXX__EN02 (-2S)
Technical Drawing DM01-37x120__EN02 (-2S)

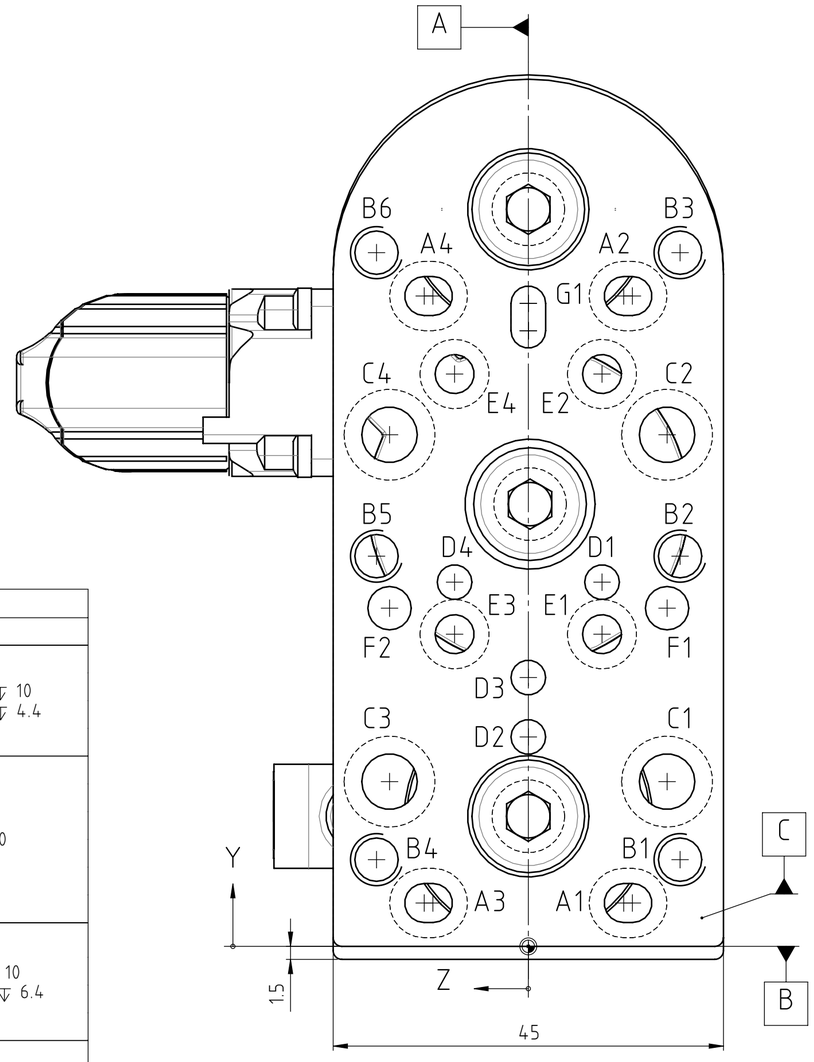
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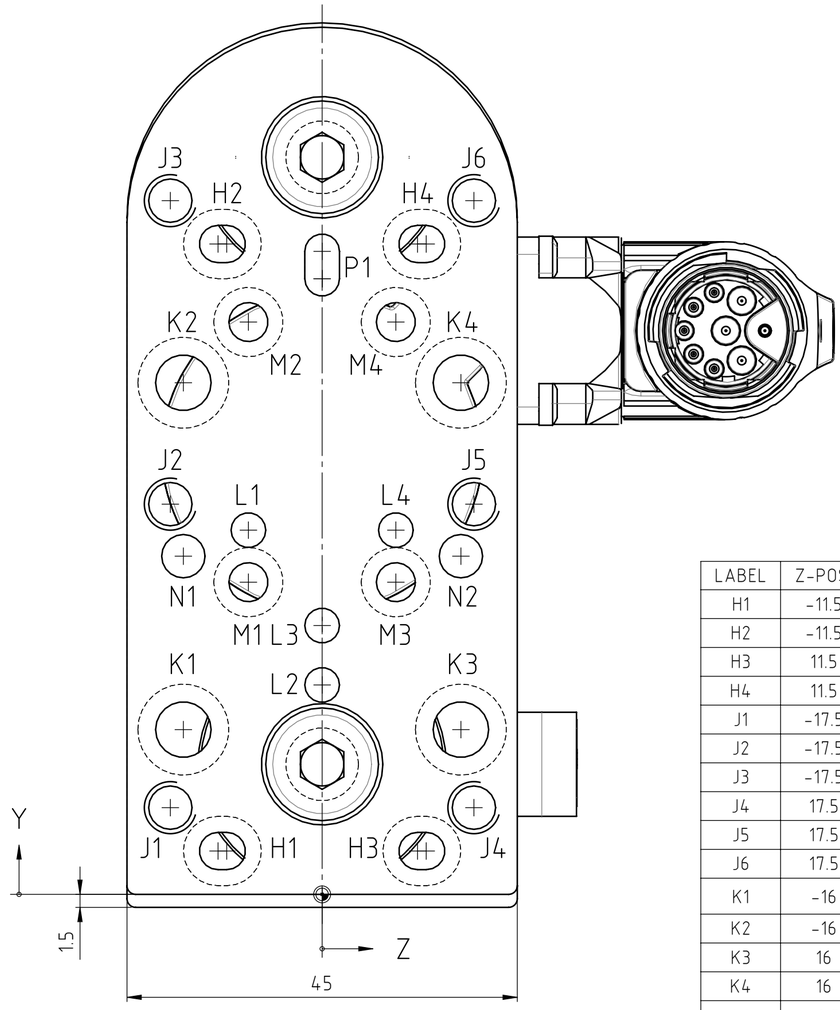
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Art.No.: See table

Scale: 1:1
Sheet: 1 / 3
A2

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Bohrungstabelle			
LABEL	Z-POS.	Y-POS.	SIZE
A1	-11.5	5	4.5 X 5.5 ↧ 10 ⌴ 8 X 9 ↧ 4.4
A2	-11.5	75	
A3	11.5	5	
A4	11.5	75	
B1	-17.5	10	M6 ↧ 10
B2	-17.5	45	
B3	-17.5	80	
B4	17.5	10	
B5	17.5	45	
B6	17.5	80	
C1	-16	19	⌀ 6.4 ↧ 10 ⌴ ⌀ 10.5 ↧ 6.4
C2	-16	59	
C3	16	19	
C4	16	59	
D1	-8.5	42	+0.012 ⌀ 4 H7 0 ↧ 5
D2	0	24.15	
D3	0	31	
D4	8.5	42	
E1	-8.5	36	⌀ 4.5 ↧ 10 ⌴ ⌀ 8 ↧ 4.4
E2	-8.5	66	
E3	8.5	36	
E4	8.5	66	
F1	-16	39	+0.012 ⌀ 5 H7 0 ↧ 8
F2	16	39	
G1	0	72.58	+0.012 4 H7 0 X 7.15 ↧ 5

LABEL	Z-POS.	Y-POS.	SIZE
H1	-11.5	5	4.3 X 5.3 ↧ 10 ⌴ 8 ↧ 4.4
H2	-11.5	75	
H3	11.5	5	
H4	11.5	75	
J1	-17.5	10	M6 ↧ 10
J2	-17.5	45	
J3	-17.5	80	
J4	17.5	10	
J5	17.5	45	
J6	17.5	80	
K1	-16	19	⌀ 6.4 ↧ 10 ⌴ ⌀ 10.5 ↧ 6.4
K2	-16	59	
K3	16	19	
K4	16	59	
L1	-8.5	42	+0.012 ⌀ 4 H7 0 ↧ 5
L2	0	24.15	
L3	0	31	
L4	8.5	42	
M1	-8.5	36	⌀ 4.5 ↧ 10 ⌴ ⌀ 8 ↧ 4.4
M2	-8.5	66	
M3	8.5	36	
M4	8.5	66	
N1	-16	39	+0.012 ⌀ 5 H7 0 ↧ 8
N2	16	39	
P1	0	72.58	+0.012 4 H7 0 X 7.15 ↧ 5

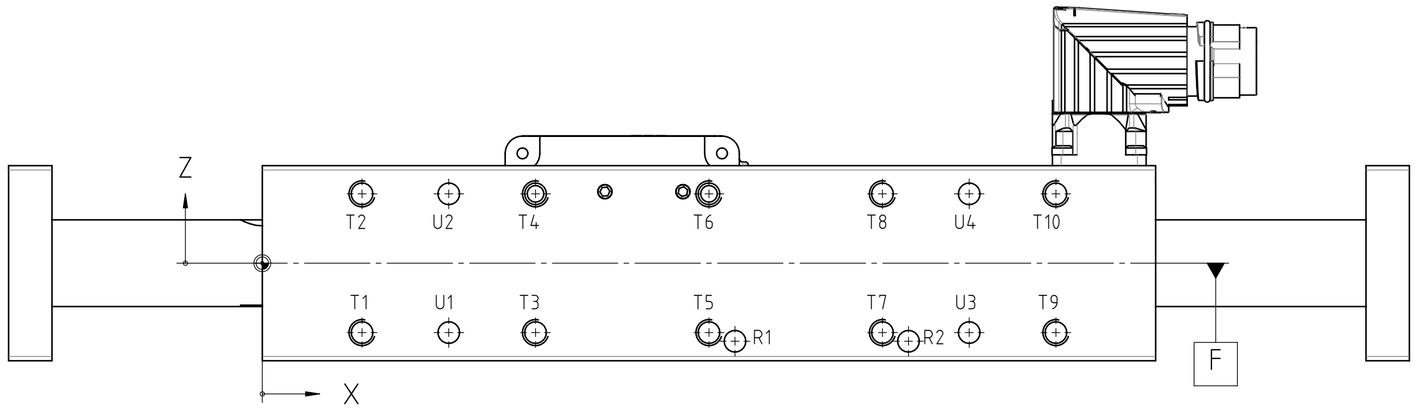
For dowel pin holes

⌖	⌀0.1	A	B	C

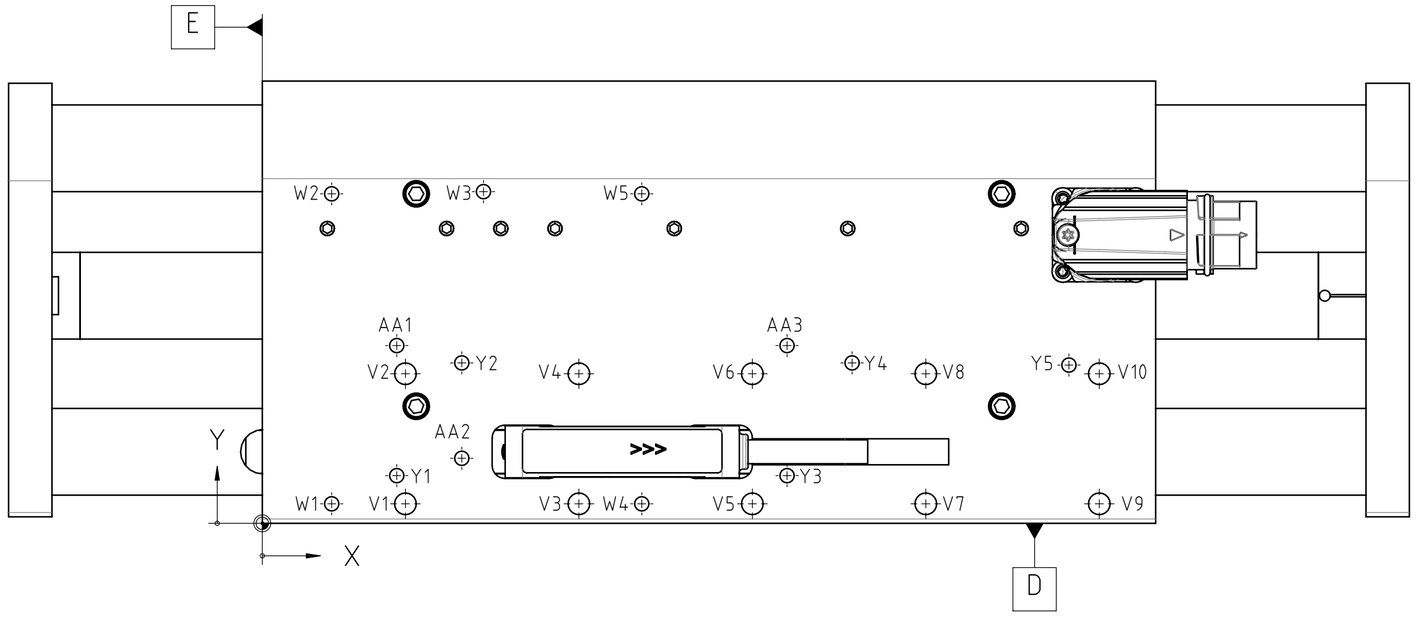
Rev.	Change	Date	Author	Appr.
A	Document created	06.11.2026	sm	jb

General tolerance DIN ISO 2768 - mK	Created by NTI AG	Status 06.11.2026/sm	Material
LinMot®	File name 0184-0008_DM01-37x120F-HP-R-XXX_EN02 (-2S)		Weight (g)
NTI AG LinMot & MagSpring Bodenaeckerstrasse 2 CH-8957 Spreitenbach	Title, additional title DM01-37x120F-HP-R-XXX_EN02 (-2S) Technical Drawing DM01-37x120_EN02 (-2S)		Document type Assembly drawing Drawing number / Index 0184-0008 A
Template type: SW2026 Version: V1.1 NTI_EN_A2_Q_Horizontal_Sheet_format_V1.1	Art.No.: See table	Scale 2:1	Sheet 2 / 3 A2

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LABEL	X-POS.	Z-POS.	SIZE
R1	109	-18	⌀ 5 H7 +0.012 0 ↧ 6.25
R2	149	-18	
T1	23	-16	M6 ↧ 8
T2	23	16	
T3	63	-16	
T4	63	16	
T5	103	-16	
T6	103	16	
T7	143	-16	
T8	143	16	
T9	183	-16	
T10	183	16	
U1	43	-16	⌀ 5 H7 +0.012 0 ↧ 10
U2	43	16	
U3	163	-16	
U4	163	16	



LABEL	X-POS.	Y-POS.	SIZE
V1	33	4.5	M6 ↧ 8
V2	33	34.5	
V3	73	4.5	
V4	73	34.5	
V5	113	4.5	
V6	113	34.5	
V7	153	4.5	
V8	153	34.5	
V9	193	4.5	
V10	193	34.5	
W1	16	4.5	M4 ↧ 8
W2	16	76	
W3	51	76.5	
W4	87.5	4.5	
W5	87.5	76	
Y1	31	11	M4 ↧ 5.5
Y2	46	37	
Y3	121	11	
Y4	136	37	
Y5	186	36.5	
AA1	31	41	M4 ↧ 4
AA2	46	15	
AA3	121	41	

For dowel pin holes

⌖ | ⌀0.1 | D | E | F

Rev.	Change	Date	Author	Appr.
A	Document created	06.11.2026	sm	jb

General tolerance DIN ISO 2768 - mK	Created by NTI AG	Status 06.11.2026/sm	Material
LinMot®	File name 0184-0008_DM01-37x120F-HP-R-XXX_EN02 (-2S)		Weight (g)
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