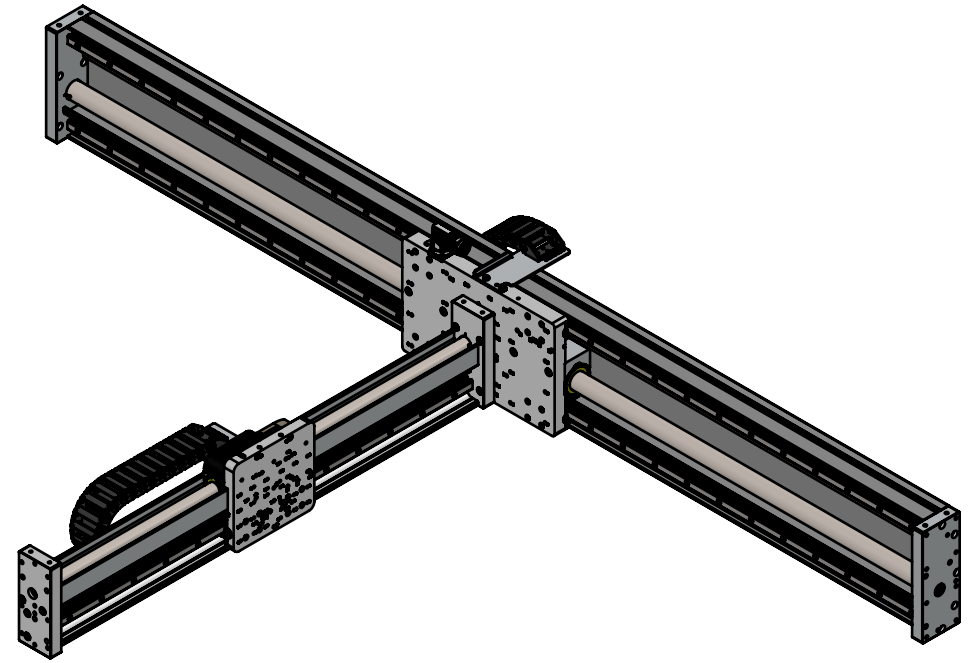
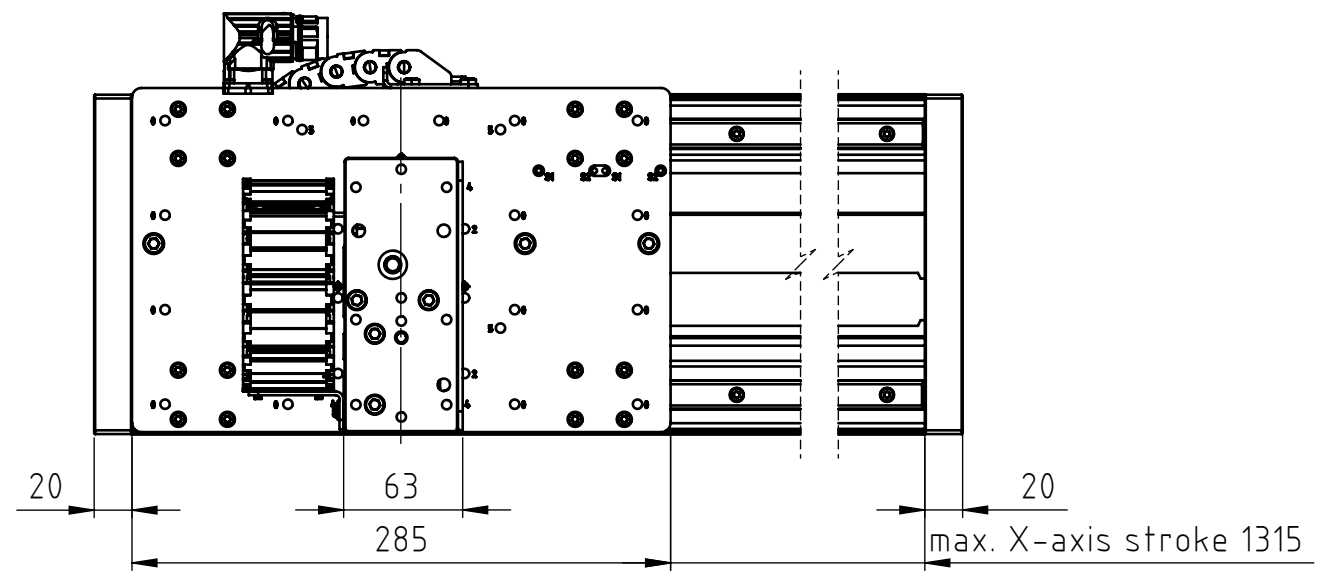
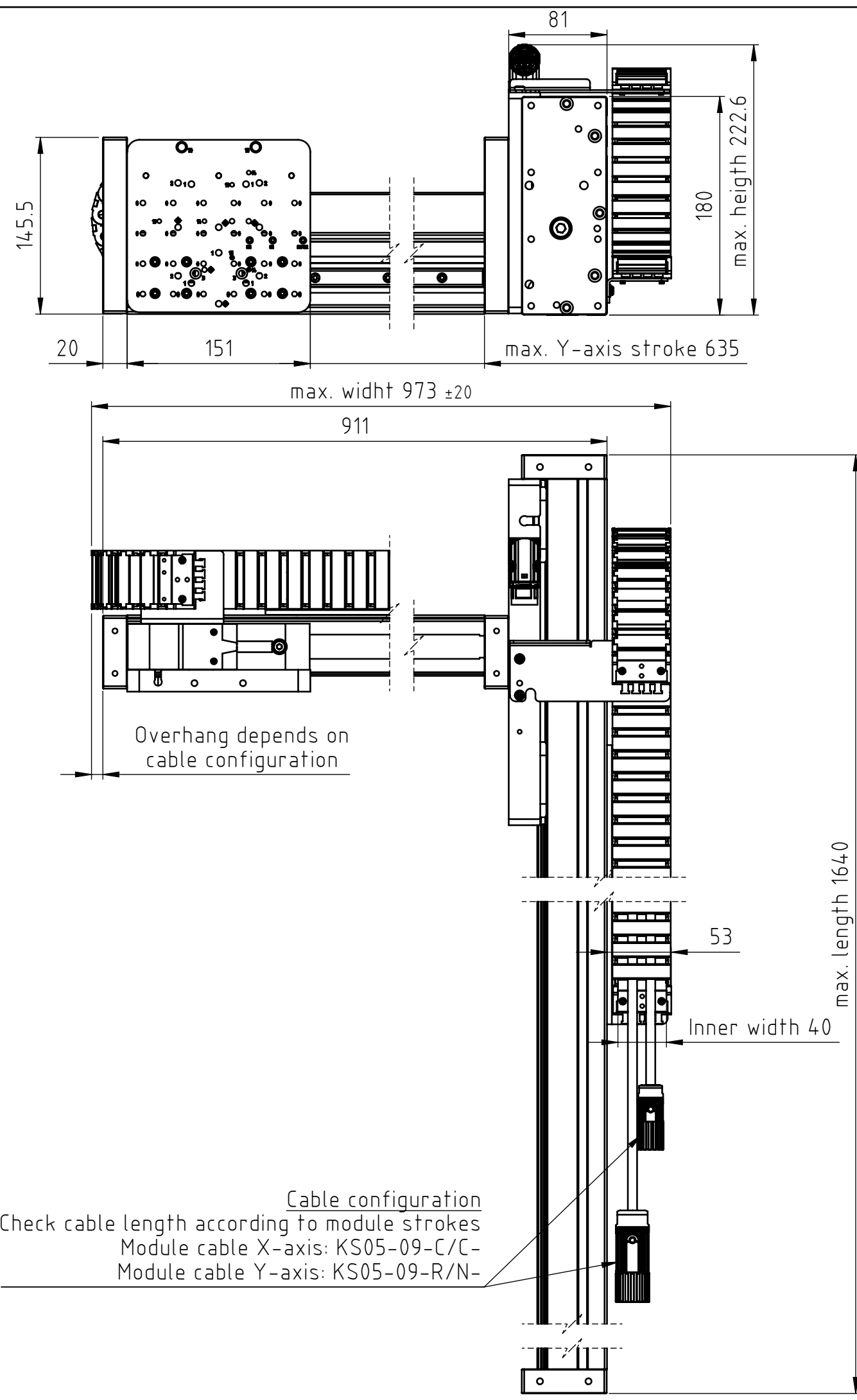
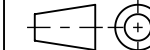


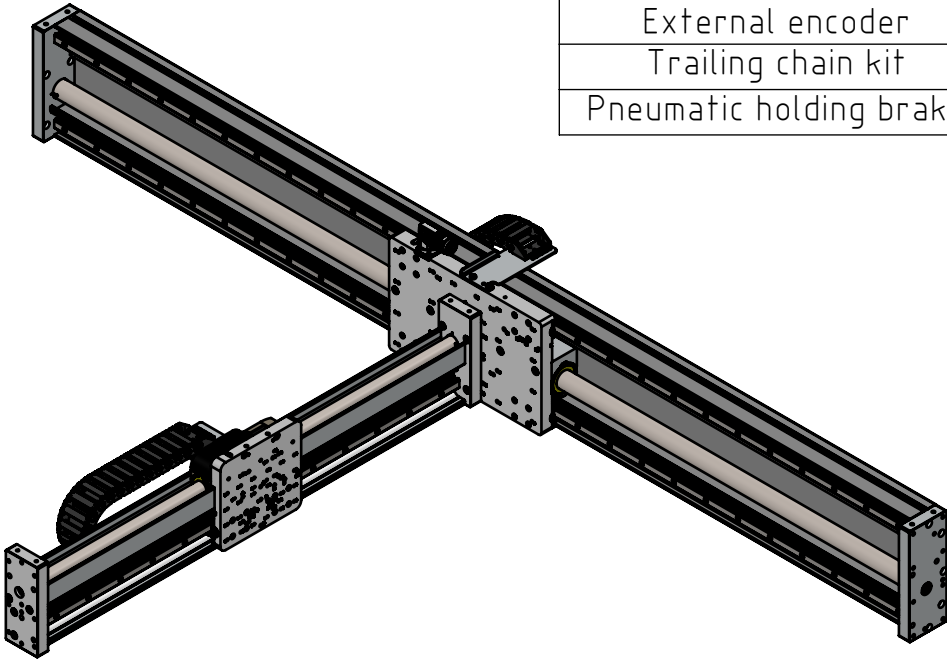
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A	Document created	04.09.2026	JB	FH
Rev.	Change	Date	Author	Appr.

General tolerance DIN ISO 2768 - mK		Created by J.-E. Beekhuis	Status 04.09.2026/jb	Material		
LinMot®		0380-0166_SG01_1315-1CE48x240F_635-1CF37Sx120F__TC01		☐ Safety Rel.	Weight (g) 40903.43	
NTI AG LinMot & MagSpring Bodenaeckerstrasse 2 CH-8957 Spreitenbach		Title, additional title SG01_1315-1CE48x240F__ 635-1CF37Sx120F__TC01 Semi-Gantry / EM01-48x240 & FM01-37x120 Art.No.: 0300-0090		Document type Assembly drawing		
				Drawing number / Index 0380-0166A		
Template type: SW2020 Version: V1-1 SW_A3_hori_Sheet_format_V1-1				Scale 1:4		Sheet 1 / 3
				A3		

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Stage type	SG01_1315-1CE48x240F_635-1CF37Sx120F_TC01	
Motor type	X-Axis axis: 0150-5612 EM01-48-1640_1315_1CE48x240F-HP-BE02-MD01-C	Y-axis: 0150-4981 FM01-37-830_635_1CF37Sx120F-HP-BE02-MD01-N
Serial number		
Stroke	1315	635
Max. Force@48VDC [N]	-	-
Max. Force@72VDC [N]	572	255
Position resolution [mm]	0.007	0.005
Position resolution + External encoder mm]	0.001	0.001
Repeatability [mm]	±0.05	±0.05
Repeatability + External encoder mm]	±0.01	±0.001
Max. Velocity@48VDC [m/s]	-	-
Max. Velocity@72VDC [m/s]	2.9	3.8
Deviation	see datasheet	
Moving mass [kg]	5.610	1.580
Module mass [kg]	27.700	11.860
Cable weight [kg/m]	0.083	
Cable chain weight [kg/m]	0.210	
Max. payload	see datasheet	
Grease type - Motor	0150-1954 / 0150-1955 LU02	
Grease type - rail carriage / Bearings	0260-3337 SKF LGEP 2/1	

Accessories		
Stage type	SG01_1315-1CE48x240F_635-1CF37Sx120F_TC01	
Motor type	X-Axis axis: 0150-5612 EM01-48-1640_1315_1CE48x240F-HP-BE02-MD01-C	Y-axis: 0150-4981 FM01-37-830_635_1CF37Sx120F-HP-BE02-MD01-N
Motor cable	Selected: 0150-3887 KS05-09-C/C-2	Selected: 0150-3881 KS05-09-R/N-2
Encoder cable	Not selected	Not selected
Safety	Not selected	Not selected
External encoder	Not selected	Not selected
Trailing chain kit	Selected: 0150-4818 EM01-TC1200-48x18	Selected: 0150-5056 FM01-37-TC600-48x18
Pneumatic holding brake	Not selected	Not selected

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Rev.	Change	Date	Author	Appr.

General tolerance DIN ISO 2768 - mK	Created by J.-E. Beekhuis	Status 04.09.2026/jb	Material	
LinMot® NTI AG LinMot & MagSpring Bodenaeckerstrasse 2 CH-8957 Spreitenbach	0380-0166_SG01_1315-1CE48x240F_635-1CF37Sx120F_TC01		☐ Safety Rel.	Weight (g)
			☐ UL-Rel.	40903.43
	Title, additional title SG01_1315-1CE48x240F_635-1CF37Sx120F_TC01		Document type Assembly drawing	
Template type: SW2020 Version: V1-1 SW_A3_hori_Sheet_format_V1-1	Semi-Gantry / EM01-48x240 & FM01-37x120 Art.No.: 0300-0090		Drawing number / Index 0380-0074A	
Scale 1:10			Sheet 2 / 3	A3

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