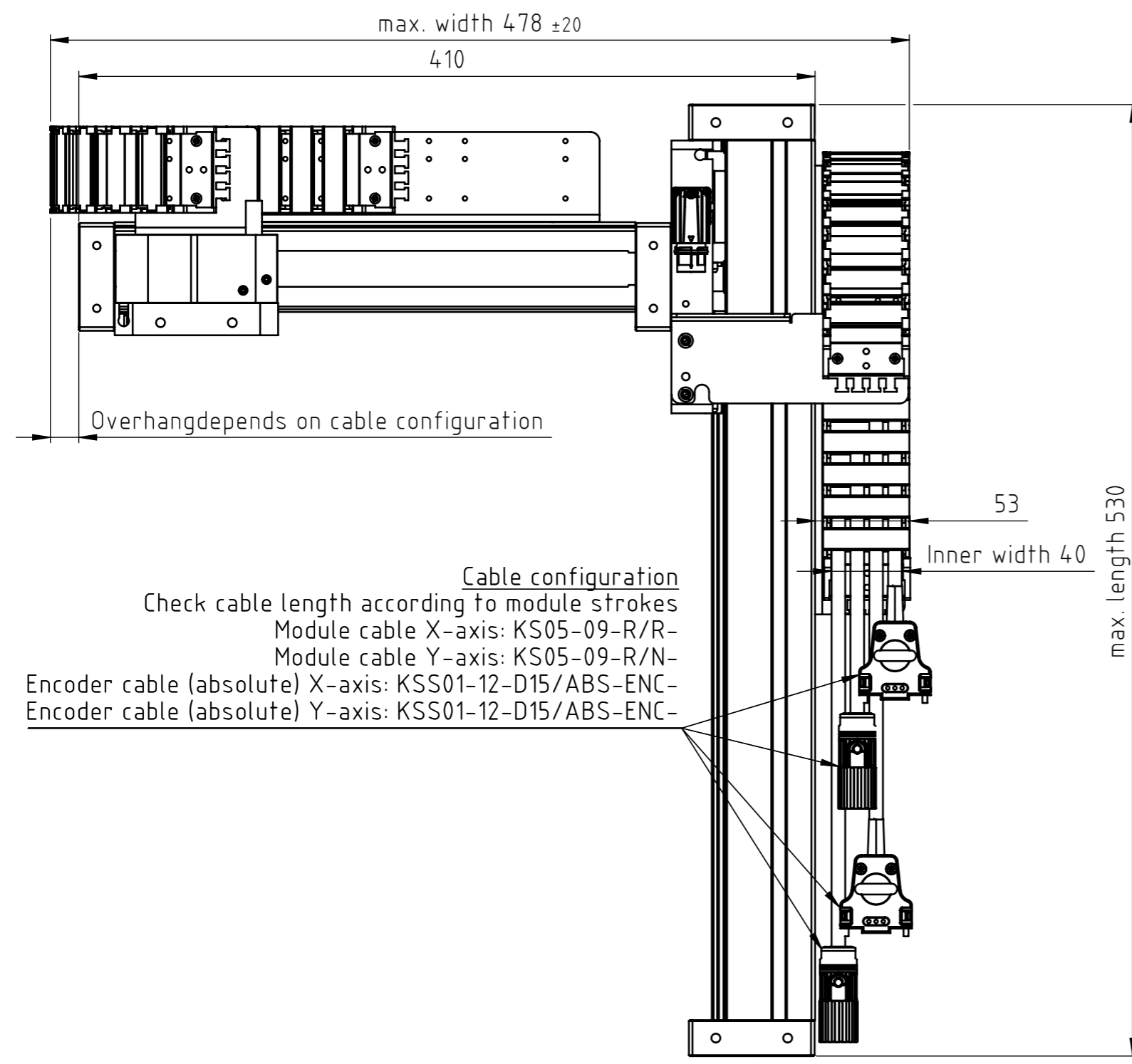
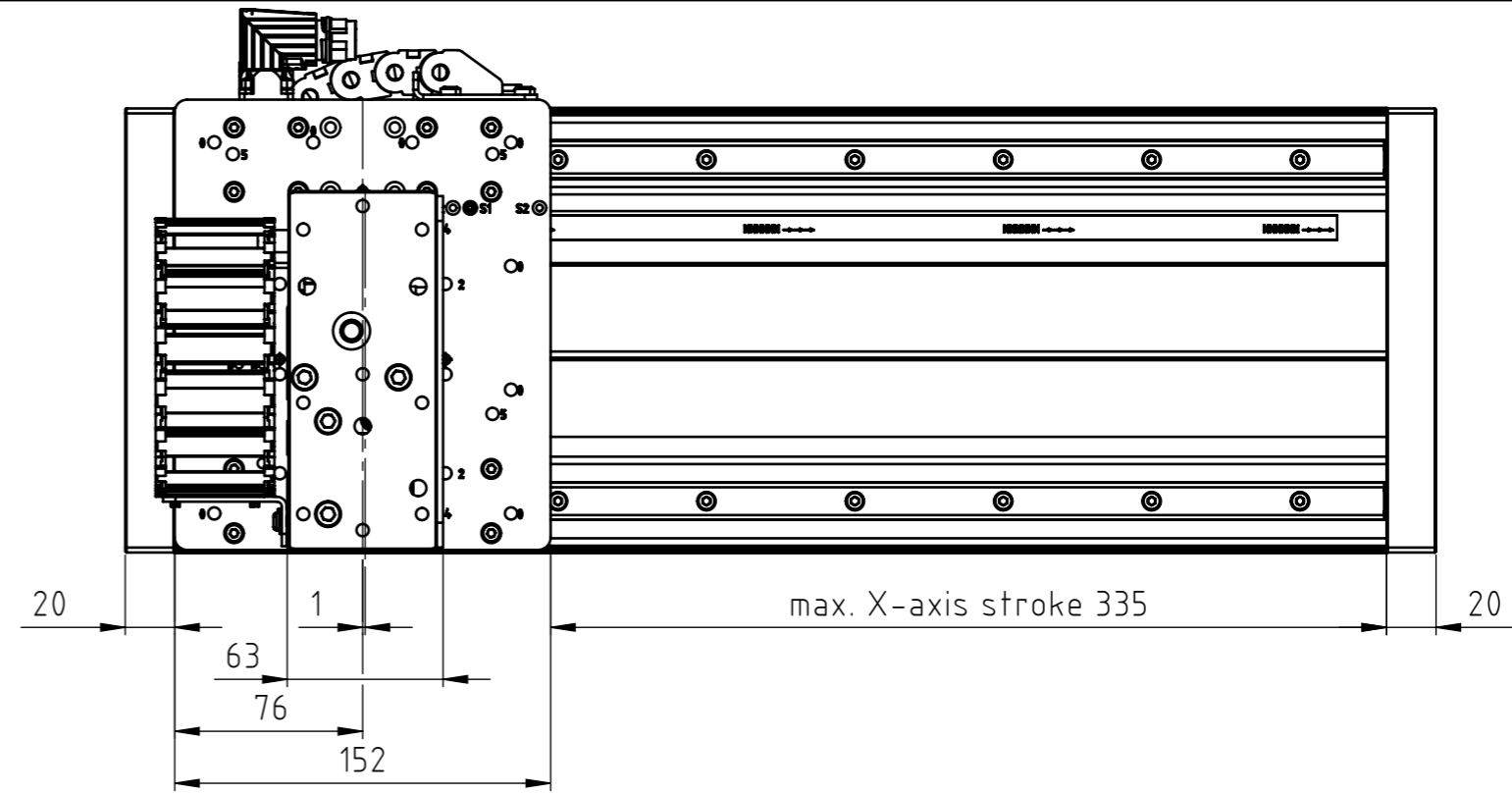
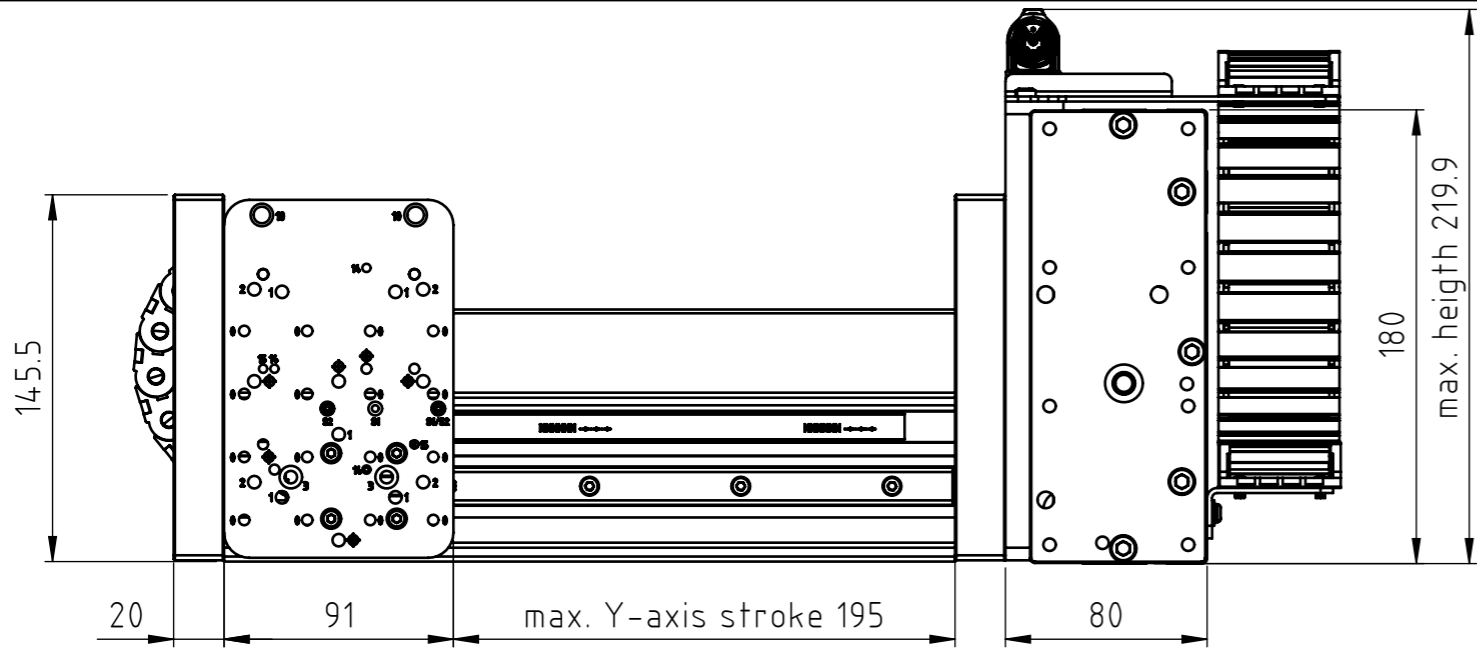
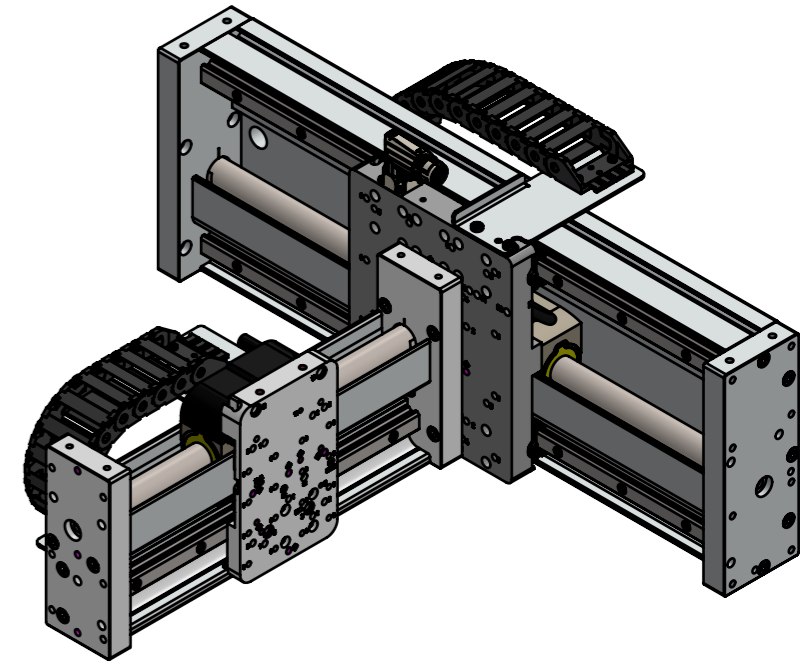


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Cable configuration
 Check cable length according to module strokes
 Module cable X-axis: KS05-09-R/R-
 Module cable Y-axis: KS05-09-R/N-
 Encoder cable (absolute) X-axis: KSS01-12-D15/ABS-ENC-
 Encoder cable (absolute) Y-axis: KSS01-12-D15/ABS-ENC-



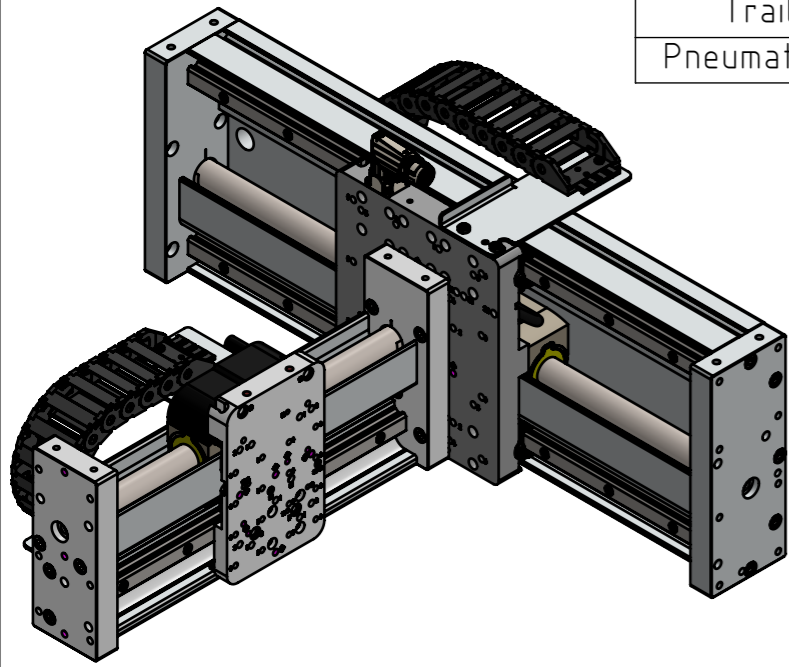
Rev.	Change	Date	Author	Appr.
A	Document created	01.06.2026	JB	FH

General tolerance DIN ISO 2768 - mK	Created by J.-E. Beekhuis	Status 03.06.2026/jb	Material
LinMot®	0380-0074_SG01_335-1CE37Sx120F-EN02_195-1CF37Sx60-EN02_TC01		<input type="checkbox"/> Safety Rel. Weight (g) <input type="checkbox"/> UL-Rel. 16389.50
NTI AG LinMot & MagSpring Bodenaeckerstrasse 2 CH-8957 Spreitenbach	Title, additional title SG01_335-1CE37Sx120F-EN02_ 195-1CF37Sx60-EN02_TC01		Document type Assembly drawing
Template type: SW2020 Version: V1-1 SW_A3_hori_Sheet_format_V1-1	Semi-Gantry / EM01-37x120 & FM01-37x60 Art.No.: 0300-0054		Drawing number / Index 0380-0074A
Scale 1:3		Sheet 1 / 3	A3

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Stage type	SG01_335-1CE37Sx120F-EN02_195-1CF37Sx60-EN02_TC01	
Motor type	X-Axis axis: 0150-4738 EM01-37-530_335_1CE37Sx120F-HP-BE02-MD01-R	Y-axis: 0150-4980 FM01-37-330_195_1CF37Sx60-HP-BE01-MD01-N
Serial number		
Stroke	335	195
Max. Force@48VDC [N]	-	-
Max. Force@72VDC [N]	255	4.9
Position resolution [mm]	0.005	0.005
Position resolution + External encoder mm]	0.001	0.001
Repeatability [mm]	±0.05	±0.05
Repeatability + External encoder mm]	±0.001	±0.001
Max. Velocity@48VDC [m/s]	-	-
Max. Velocity@72VDC [m/s]	3.5	4.9
Deviation	see datasheet	
Moving mass [kg]	1.810	0.590
Module mass [kg]	11.160	6.820
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	

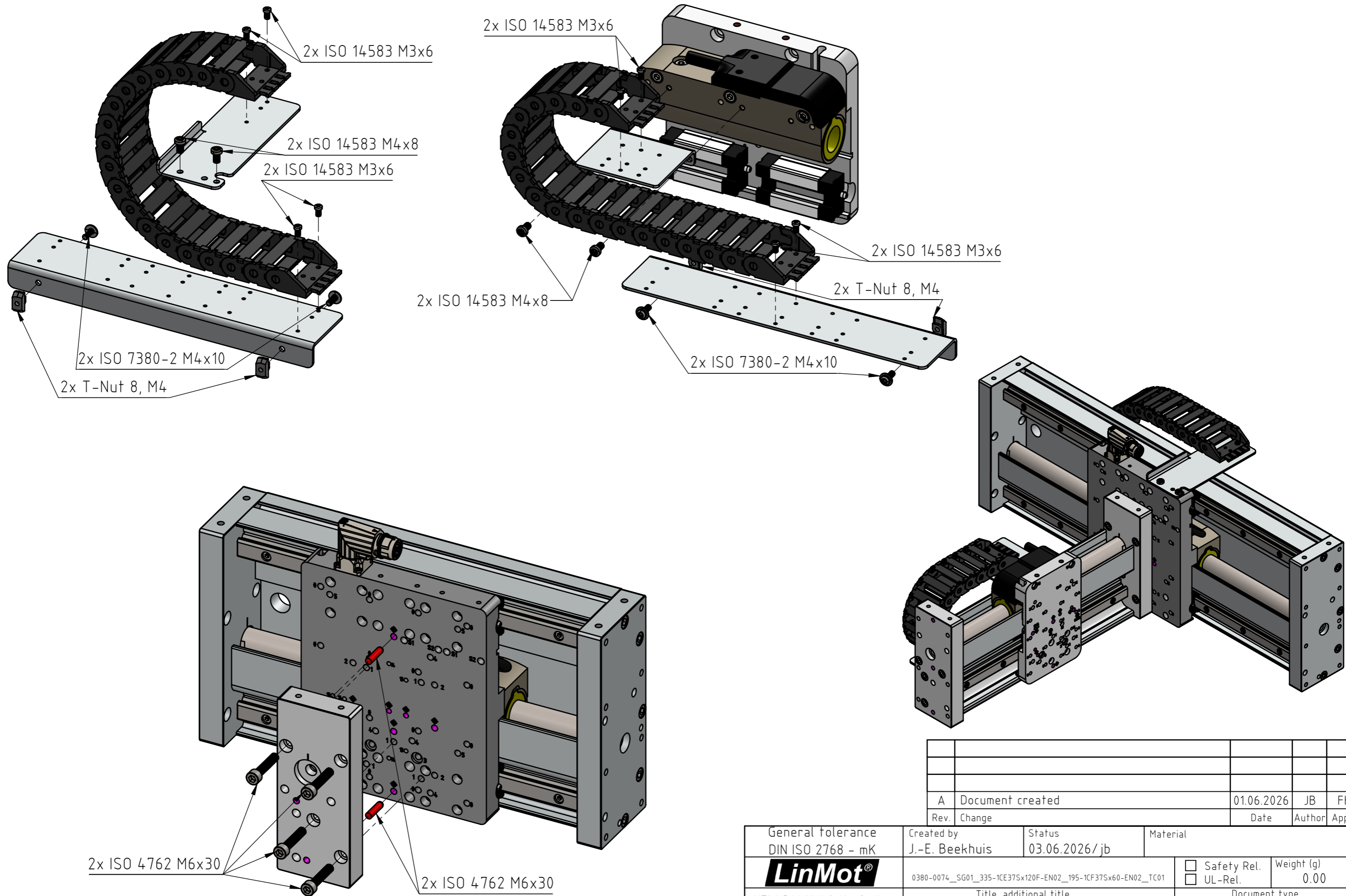
Accessories		
Stage type	SG01_335-1CE37Sx120F-EN02_195-1CF37Sx60-EN02_TC01	
Motor type	X-Axis axis: 0150-4738 EM01-37-530_335_1CE37Sx120F-HP-BE02-MD01-R	Y-axis: 0150-4980 FM01-37-330_195_1CF37Sx60-HP-BE01-MD01-N
Motor cable	Selected: 0150-3884 KS05-09-R/R-2	Selected: 0150-3882 KS05-09-R/N-3
Encoder cable	Selected: 0150-3652 Special cable KSS01-12-D15/ABS-ENC-	Selected: 0150-3652 Special cable KSS01-12-D15/ABS-ENC-
Safety	Not selected	Not selected
External encoder	Selected: 0150-4721 E01-SK02/D-BiSS	Selected: 0150-5635 FM01-37/48-SK02-D-BiSS
Trailing chain kit	Selected: 0150-4721 EM01-TC300-48x18	Selected: 0150-4999 FM01-37-TC300-48x18
Pneumatic holding brake	Not selected	Not selected



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Template type: SW2020 Version: V1-1 SW_A3_hori_Sheet_format_V1-1	Semi-Gantry / EM01-37x120 & FM01-37x60 Art.No.: 0300-0054		Drawing number / Index 0380-0074A
	Scale 1:5		Sheet 2 / 3 A3

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LinMot®	0380-0074_SG01_335-1CE37Sx120F-EN02_195-1CF37Sx60-EN02_TC01		<input type="checkbox"/> Safety Rel. Weight (g) <input type="checkbox"/> UL-Rel. 0.00
NTI AG LinMot & MagSpring Bodenaeckerstrasse 2 CH-8957 Spreitenbach	Title, additional title SG01_335-1CE37Sx120F-EN02_ 195-1CF37Sx60-EN02_TC01 Semi-Gantry / EM01-37x120 & FM01-37x60 Art.No.: 0300-0054		Document type Assembly drawing Drawing number / Index 0380-0074A
Template type: SW2020 Version: V1-1 SW_A3_hori_Sheet_format_V1-1	Scale 2:5		Sheet 3 / 3 A3