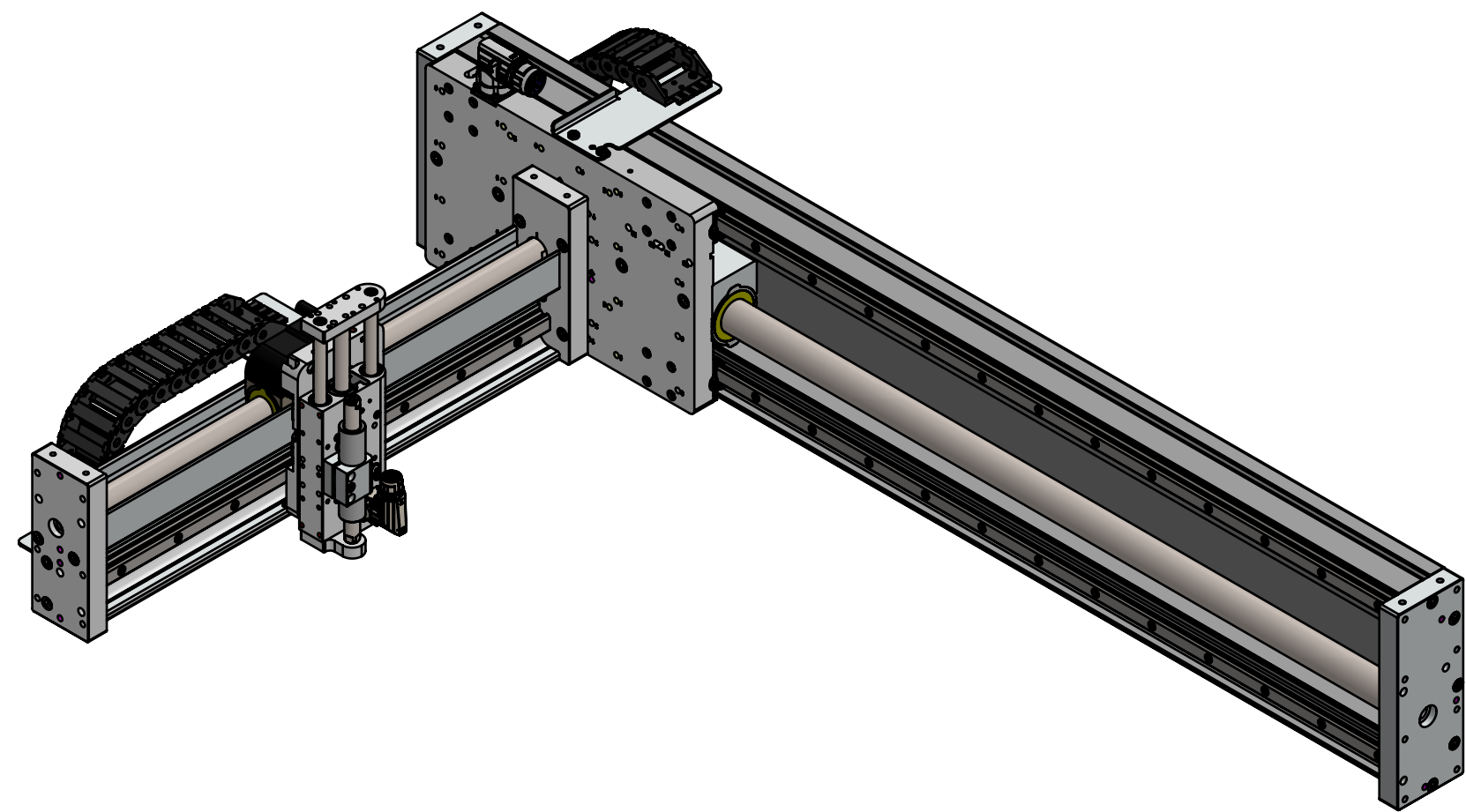
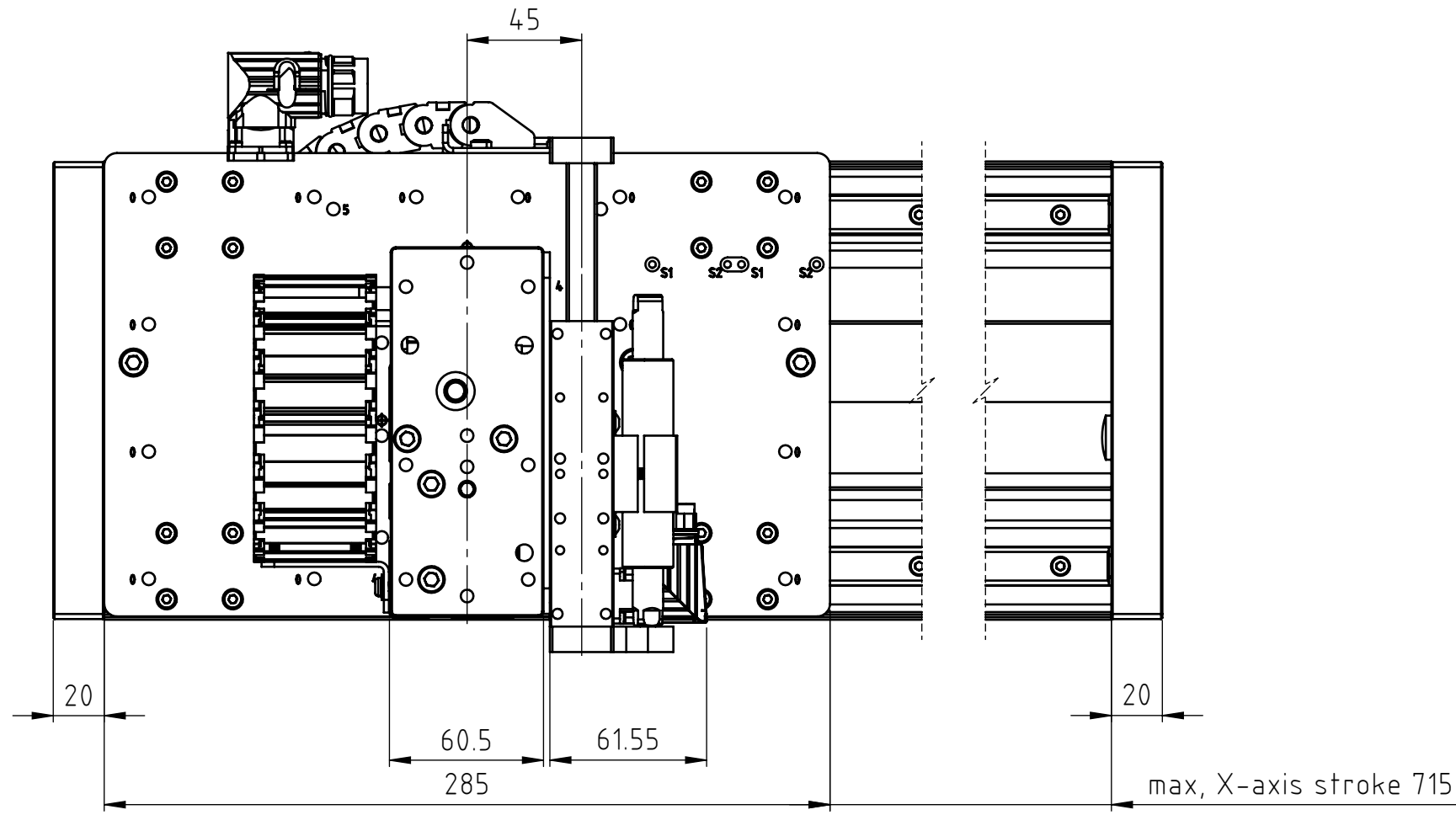
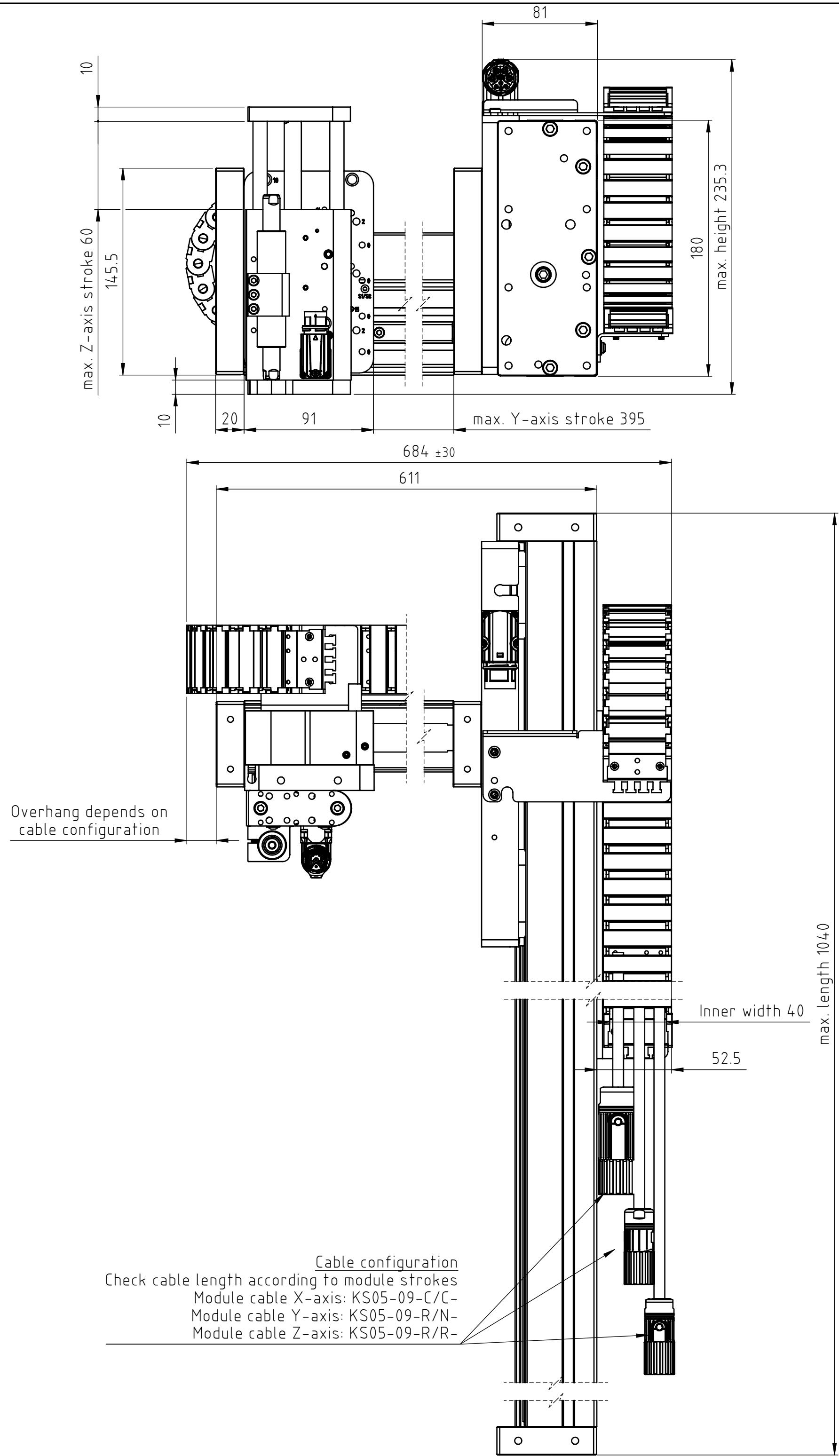


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A		Document created		04.09.2026	JB	FH
Rev.	Change			Date	Author	Appr.
General tolerance DIN ISO 2768 - mK		Created by J.-E. Beekhuis	Status 04.09.2026/jb	Material		
LinMot®		File name 0380-0167_SG01_715-1CE48x240F_395-1CF375x60_HC01_TC01			☐ Safety Rel.	Weight (g) 30556.87
NTI AG LinMot & MagSpring Bodenaeckerstrasse 2 CH-8957 Spreitenbach		Title, additional title SG01_715-1CE48x240F_395-1CF375x60_HC01_TC01 Semi-Gantry / EM01-48 & FM0T-37 / DM01-23x80		Document type Detail drawing		
Template type: SW2020 Version: V1-1 SW_A2_hori_Sheet_format_V1-1		Art.No.: 0300-0091		Drawing number / Index 0380-0167A		Scale 2:5
						Sheet 1 / 3
						A2

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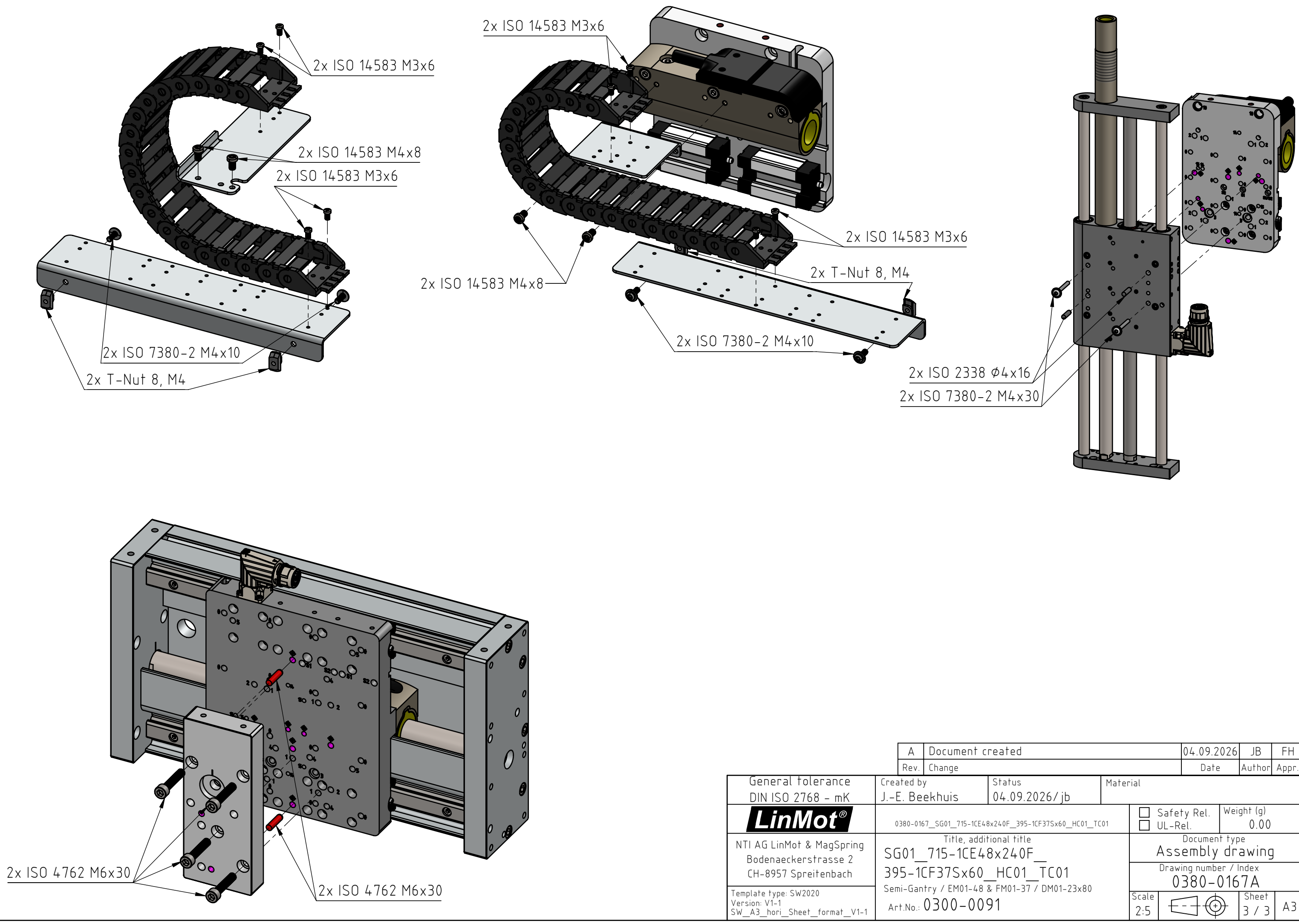
Stage type	SG01_715-1CE48x240F_395-1CF37Sx60_HC01_TC01		
Motor type	X-Axis axis: 0150-4708 EM01-48-1040_715_1CE48x240F-HP-BE02-MD01-C	Y-axis: 0150-4989 FM01-37-530_395_1CF37Sx60-HP-BE01-MD01-N	Z-axis: 0150-4060 DM01-23x80F-HP-R-60-MS11
Serial number			
Stroke	715	395	60
Max. Force@48VDC [N]	-	-	73
Max. Force@72VDC [N]	572	128	73
Position resolution [mm]	0.007	0.005	0.002
Position resolution + External encoder mm]	0.001	0.001	-
Repeatability [mm]	±0.05	±0.05	±0.05
Repeatability + External encoder mm]	±0.01	±0.001	-
Max. Velocity@48VDC [m/s]	-	-	4.9
Max. Velocity@72VDC [m/s]	2.9	4.9	7.3
Deviation	see datasheet		
Moving mass [kg]	5.610	0.590	0.580
Module mass [kg]	27.700	8.820	1.300
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		0150-6972 LU11-1000
Grease type - rail carriage / Bearings	0260-3337 SKF LGEP 2/1		0260-0278 SKF LGFG 2/1
Grease type -MagSpring			0150-6972 LU11-1000

Accessories			
Stage type	SG01_715-1CE48x240F_395-1CF37Sx60_HC01_TC01		
Motor type	X-Axis axis: 0150-4708 EM01-48-1040_715_1CE48x240F-HP-BE02-MD01-C	Y-axis: 0150-4989 FM01-37-530_395_1CF37Sx60-HP-BE01-MD01-N	Z-axis: 0150-4060 DM01-23x80F-HP-R-60-MS11
Motor cable	Selected: 0150-3887 KS05-09-C/C-2	Selected: 0150-3881 KS05-09-R/N-2	Selected: 0150-3884 KS05-09-R/R-2
Encoder cable	Not selected	Not selected	Not selected
Safety	Not selected	Not selected	Not selected
External encoder	Not selected	Not selected	Not selected
Trailing chain kit	Selected: 0150-4818 EM01-TC1200-48x18	Selected: 0150-5056 FM01-37-TC600-48x18	Not selected
Pneumatic holding brake	Not selected	Not selected	Not selected

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LinMot®	0380-0167_SG01_715-1CE48x240F_395-1CF37Sx60_HC01_TC01		☐ Safety Rel. ☐ UL-Rel.	Weight (g)
NTI AG LinMot & MagSpring Bodenaeckerstrasse 2 CH-8957 Spreitenbach	Title, additional title SG01_715-1CE48x240F_ 395-1CF37Sx60_HC01_TC01		Document type Assembly drawing	
	Semi-Gantry / EM01-48 & FM01-37 / DM01-23x80 Art.No.: 0300-0091		Drawing number / Index 0380-0167A	
Template type: SW2020 Version: V1-1 SW_A3_hori_Sheet_format_V1-1	Scale 1:10		Sheet 2 / 3	A3

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General tolerance DIN ISO 2768 - mK		Created by J.-E. Beekhuis	Status 04.09.2026/jb	Material			
LinMot®		0380-0167_SG01_715-1CE48x240F_395-1CF37Sx60_HC01_TC01		☐ Safety Rel.	Weight (g)		
				☐ UL-Rel.	0.00		
NTI AG LinMot & MagSpring Bodenaeckerstrasse 2 CH-8957 Spreitenbach		Title, additional title SG01_715-1CE48x240F_ 395-1CF37Sx60_HC01_TC01 Semi-Gantry / EM01-48 & FM01-37 / DM01-23x80 Art.No.: 0300-0091		Document type Assembly drawing			
Template type: SW2020 Version: V1-1 SW_A3_hori_Sheet_format_V1-1				Drawing number / Index 0380-0167A			
				Scale 2:5		Sheet 3 / 3	A3