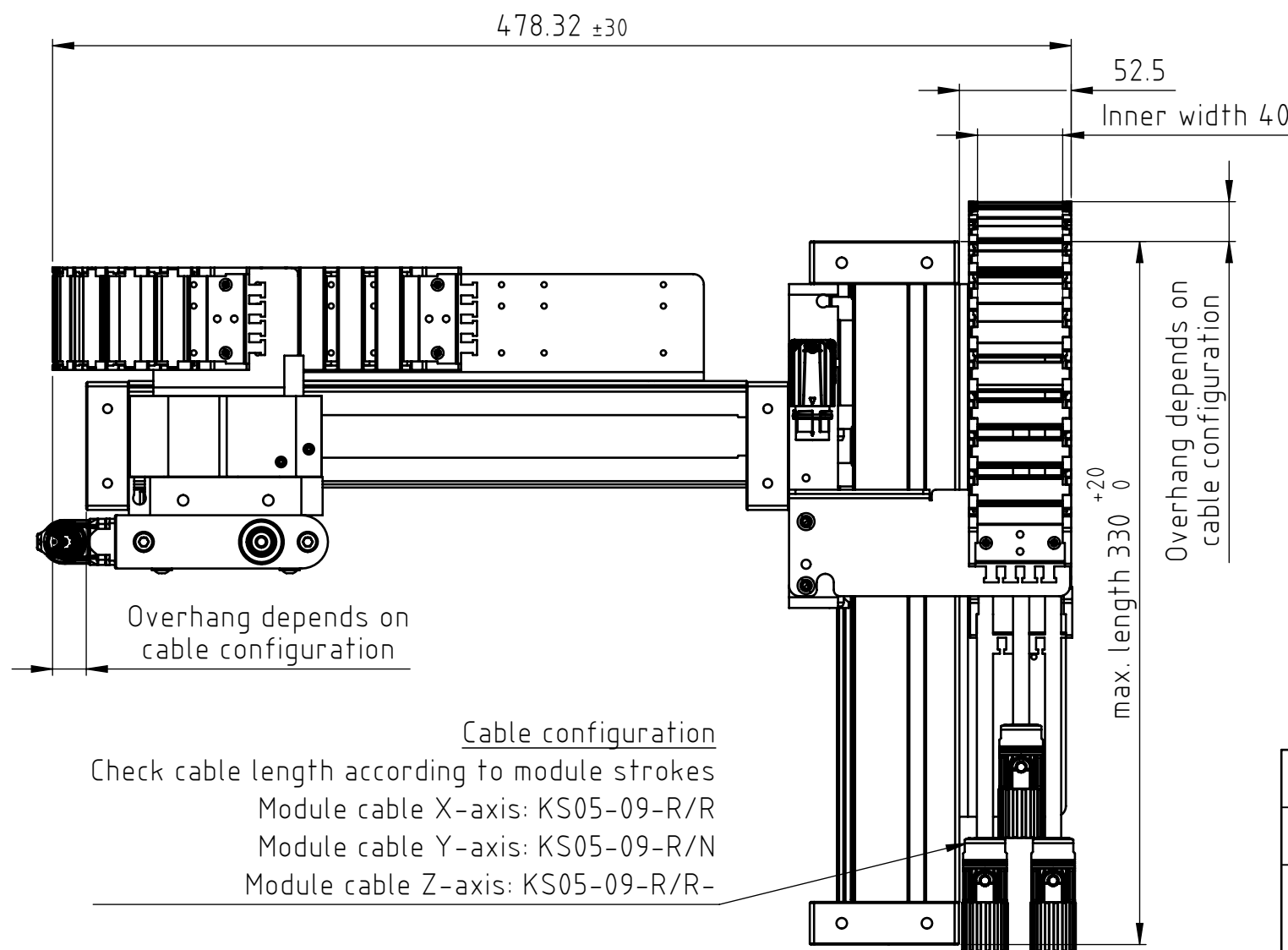
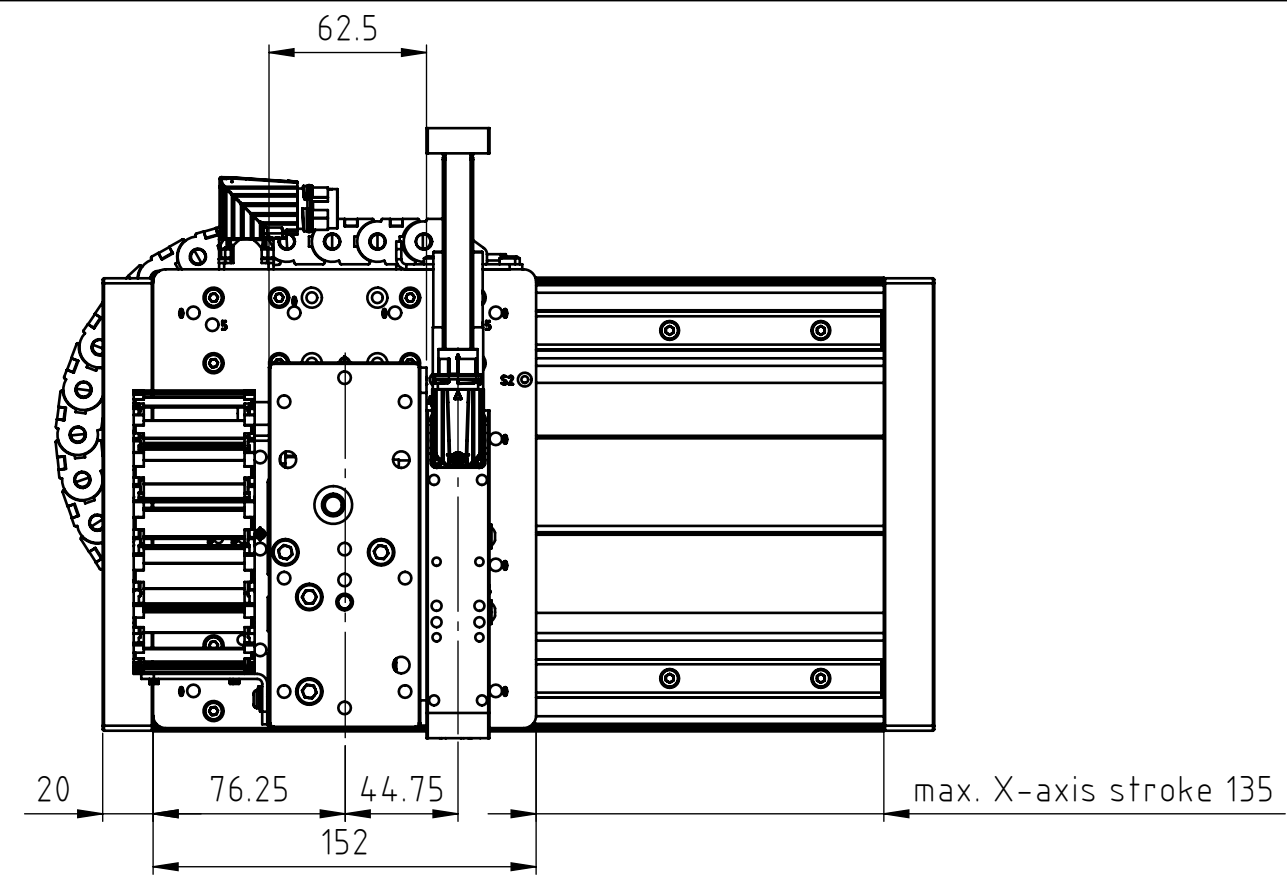
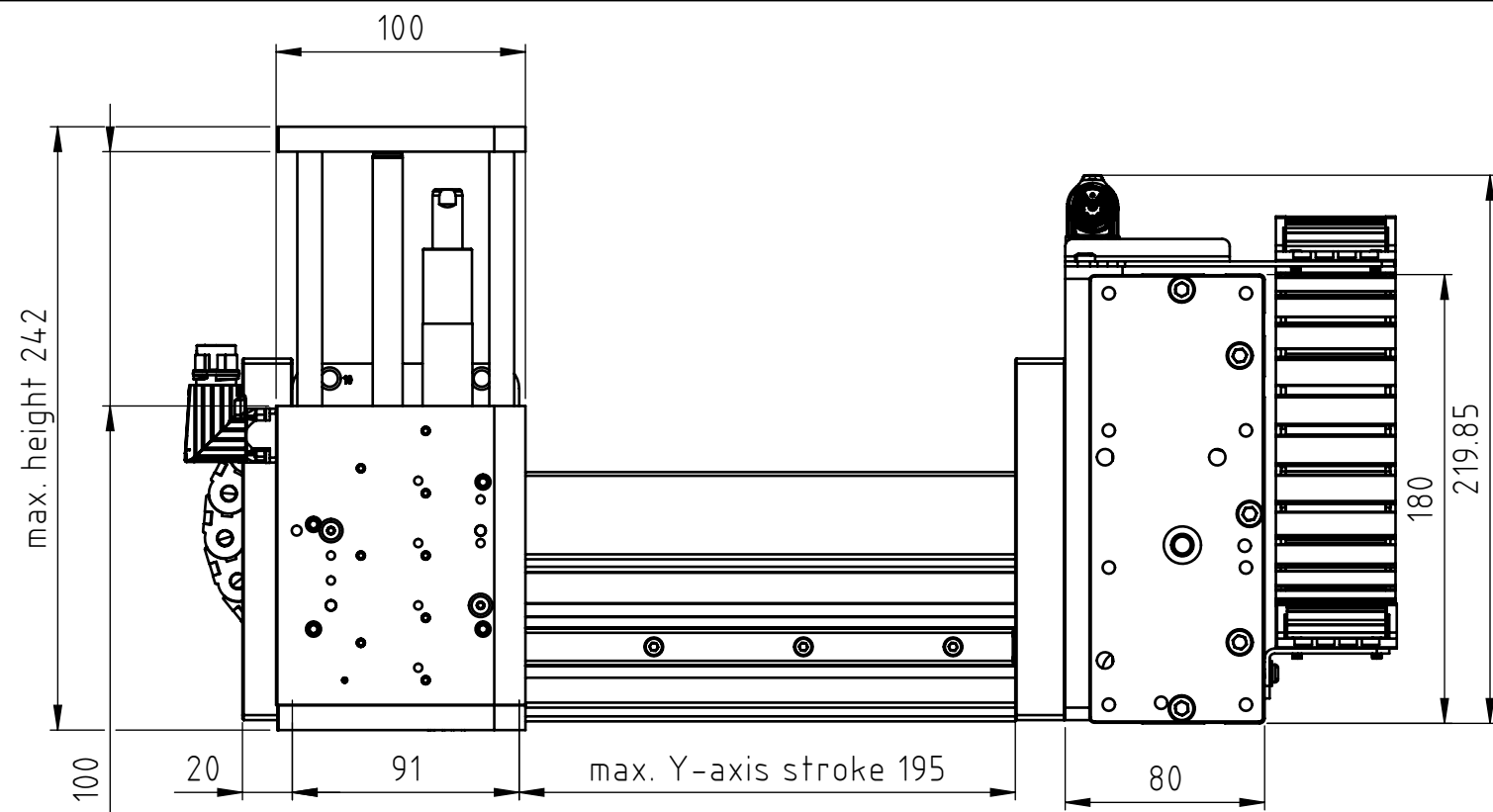
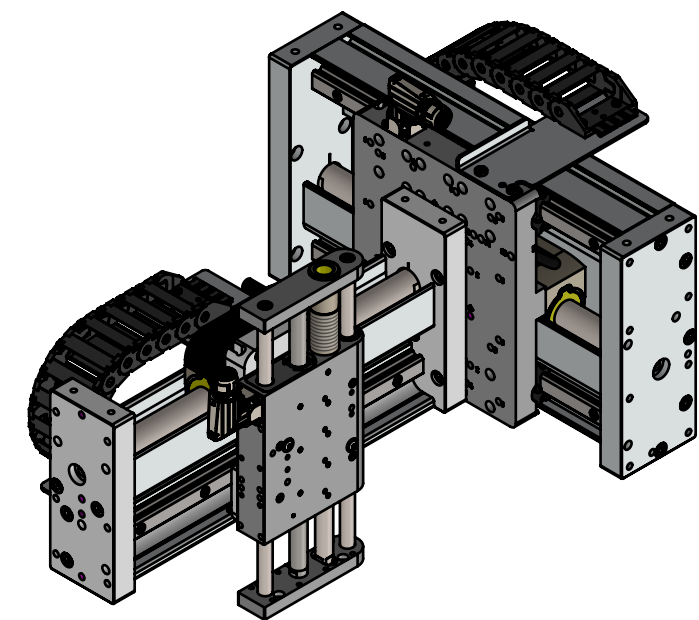


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Cable configuration
Check cable length according to module strokes
Module cable X-axis: KS05-09-R/R
Module cable Y-axis: KS05-09-R/N
Module cable Z-axis: KS05-09-R/R-



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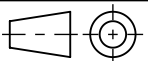
General tolerance DIN ISO 2768 - mK	Created by J.-E. Beekhuis	Status 07.09.2026/jb	Material	
LinMot® NTI AG LinMot & MagSpring Bodenaeckerstrasse 2 CH-8957 Spreitenbach	0380-0168_SG01_135-1CE37Sx120F_195-1CF37Sx60_HC01_TC01		☐ Safety Rel.	Weight (g) 14353.88
	Title, additional title SG01_135-1CE37Sx120F_ 195-1CF37Sx60_HC01_TC01		Document type Assembly drawing	
	Semi-Gantry / EM01-37x120 & FM01-37x60 / DM03-23x80 Art.No.: 0300-0092		Drawing number / Index 0380-0168A	
Template type: SW2020 Version: V1-1 SW_A3_hori_Sheet_format_V1-1	Scale 1:3			Sheet 1 / 3 A3

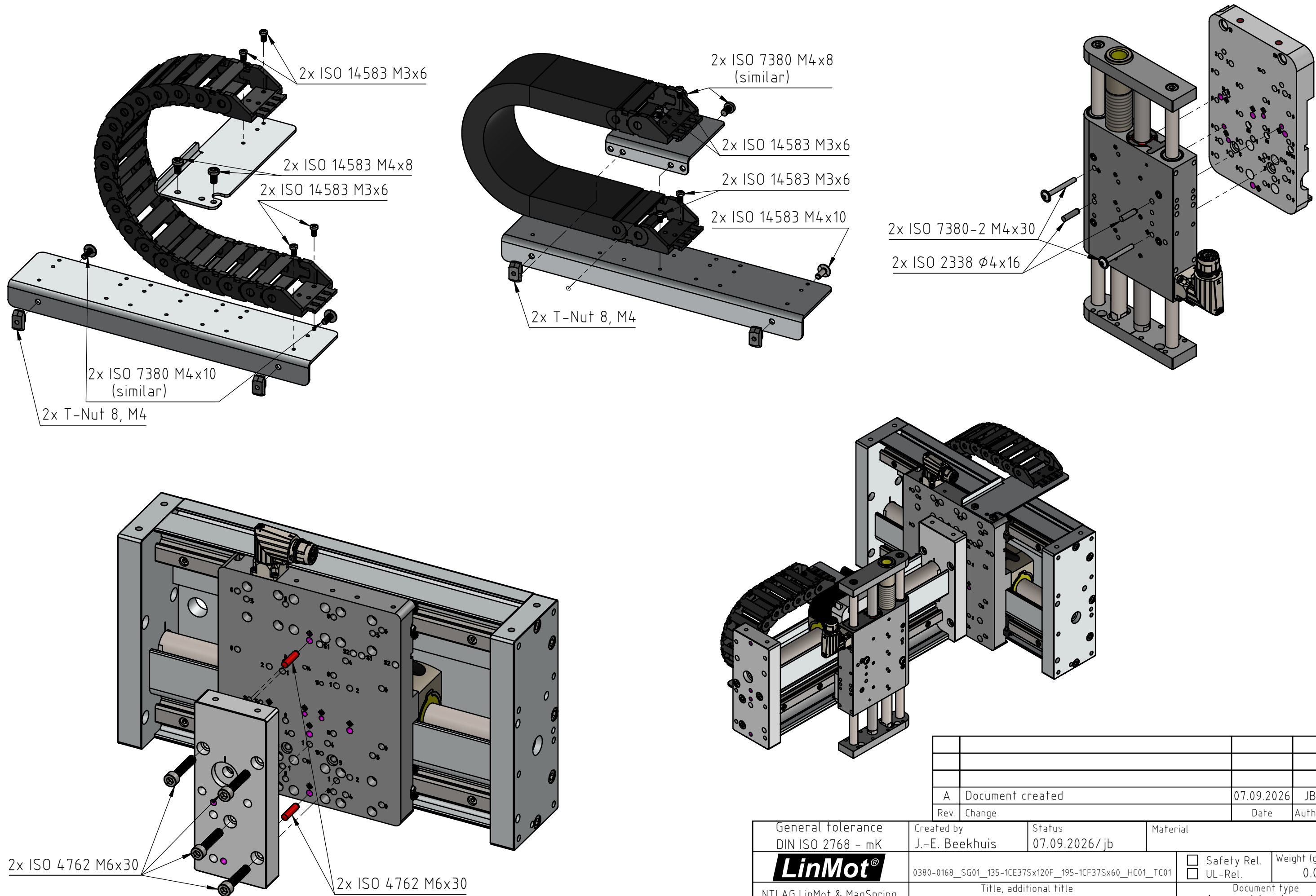
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Stage type	SG01_135-1CE37Sx120F_195-1CF37Sx60_HC01_TC01		
Motor type	X-axis: 0150-4736 EM01-37-330_135_1CE37Sx120F-HP-BE02-MD01-R	Y-axis: 0150-4980 FM01-37-330_195_1CF37Sx60-HP-BE01-MD01-N	Z-axis: 0150-6024 DM03-23x80F-XP-R-100_CS10_MS11
Serial number			
Stroke	135	195	100
Max. Force@48VDC [N]	-	-	73
Max. Force@72VDC [N]	255	4.9	73
Position resolution [mm]	0.005	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]	±0.001	±0.001	-
Max. Velocity@48VDC [m/s]	-	-	4.9
Max. Velocity@72VDC [m/s]	3.5	4.9	7.3
Deviation	see datasheet		
Moving mass [kg]	1.810	0.590	0.730
Module mass [kg]	7.840	6.820	1.620
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	0150-6972 LU11-1000		
Grease type - MagSpring	-		0150-1954 / 0150-1955 LU02

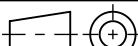
Accessories			
Stage type	SG01_135-1CE37Sx120F_195-1CF37Sx60_HC01_TC01		
Motor type	X-axis: 0150-4736 EM01-37-330_135_1CE37Sx120F-HP-BE02-MD01-R	Y-axis: 0150-4980 FM01-37-330_195_1CF37Sx60-HP-BE01-MD01-N	Z-axis: 0150-6024 DM03-23x80F-XP-R-100_CS10_MS11
Motor cable	Selected: 0150-3884 KS05-09-R/R-2	Selected: 0150-3881 KS05-09-R/N-2	Selected: 0150-3884 KS05-09-R/R-2
Safety	Not selected	Not selected	Not selected
Clean room	Not selected	Not selected	Not selected
External encoder	Not selected	Not selected	Not selected
Force sensor	Not selected	Not selected	Not selected
Trailing chain kit	Selected: 0150-4812 EM01-TC300-48x18	Selected: 0150-4999 FM01-TC300-48x18	Not selected
Pneumatic holding brake	Not selected	Not selected	Not selected
Pillar system	Not selected	Not selected	Not selected

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	0380-0168_SG01_135-1CE37Sx120F_195-1CF37Sx60_HC01_TC01		☐ Safety Rel.	Weight (g)
			☐ UL-Rel.	
	NTI AG LinMot & MagSpring Bodenaeckerstrasse 2 CH-8957 Spreitenbach		Document type Assembly drawing	
Template type: SW2020 Version: V1-1 SW_A3_hori_Sheet_format_V1-1		Title, additional title SG01_135-1CE37Sx120F_ 195-1CF37Sx60_HC01_TC01		Drawing number / Index 0380-0168A
		Transfer portal / EM01-37 & DM03-37 / DM03-23x80 Art.No.: 0300-0092		Scale 1:5
				Sheet 2 / 3
				A3



A	Document created	07.09.2026	JB	FH
Rev.	Change	Date	Author	Appr.

General tolerance DIN ISO 2768 - mK		Created by J.-E. Beekhuis	Status 07.09.2026/jb	Material		Date		Amount		Appr.	
LinMot®		0380-0168__SG01__135-1CE37Sx120F__195-1CF37Sx60__HC01__TC01			☐ Safety Rel. ☐ UL-Rel.		Weight (g) 0.00				
NTI AG LinMot & MagSpring Bodenaeckerstrasse 2 CH-8957 Spreitenbach		Title, additional title SG01__135-1CE37Sx120F__ 195-1CF37Sx60__HC01__TC01 Semi-Gantry / EM01-37x120 & FM01-37x60 / DM03-23x80 Art.No.: 0300-0092			Document type Assembly drawing						
					Drawing number / Index 0380-0168A						
Template type: SW2020 Version: V1-1 SW_A3_hori_Sheet_format_V1-1					Scale 2:5			Sheet 3 / 3	A3		