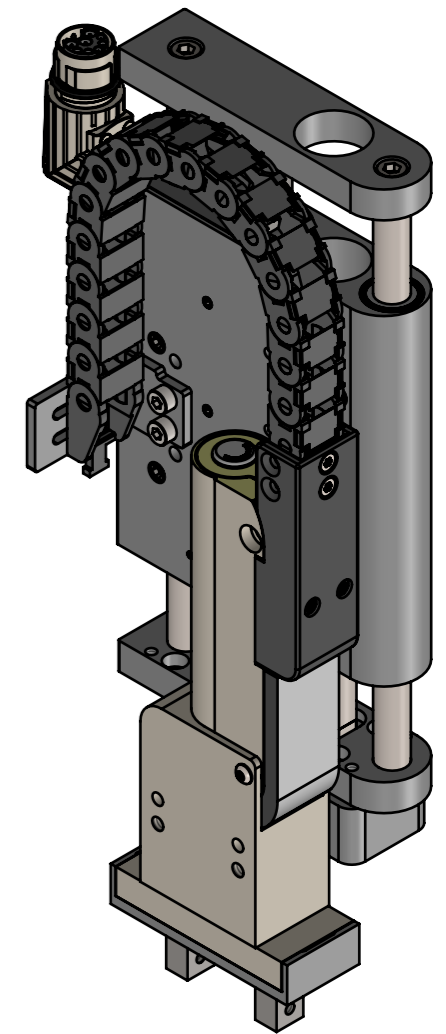
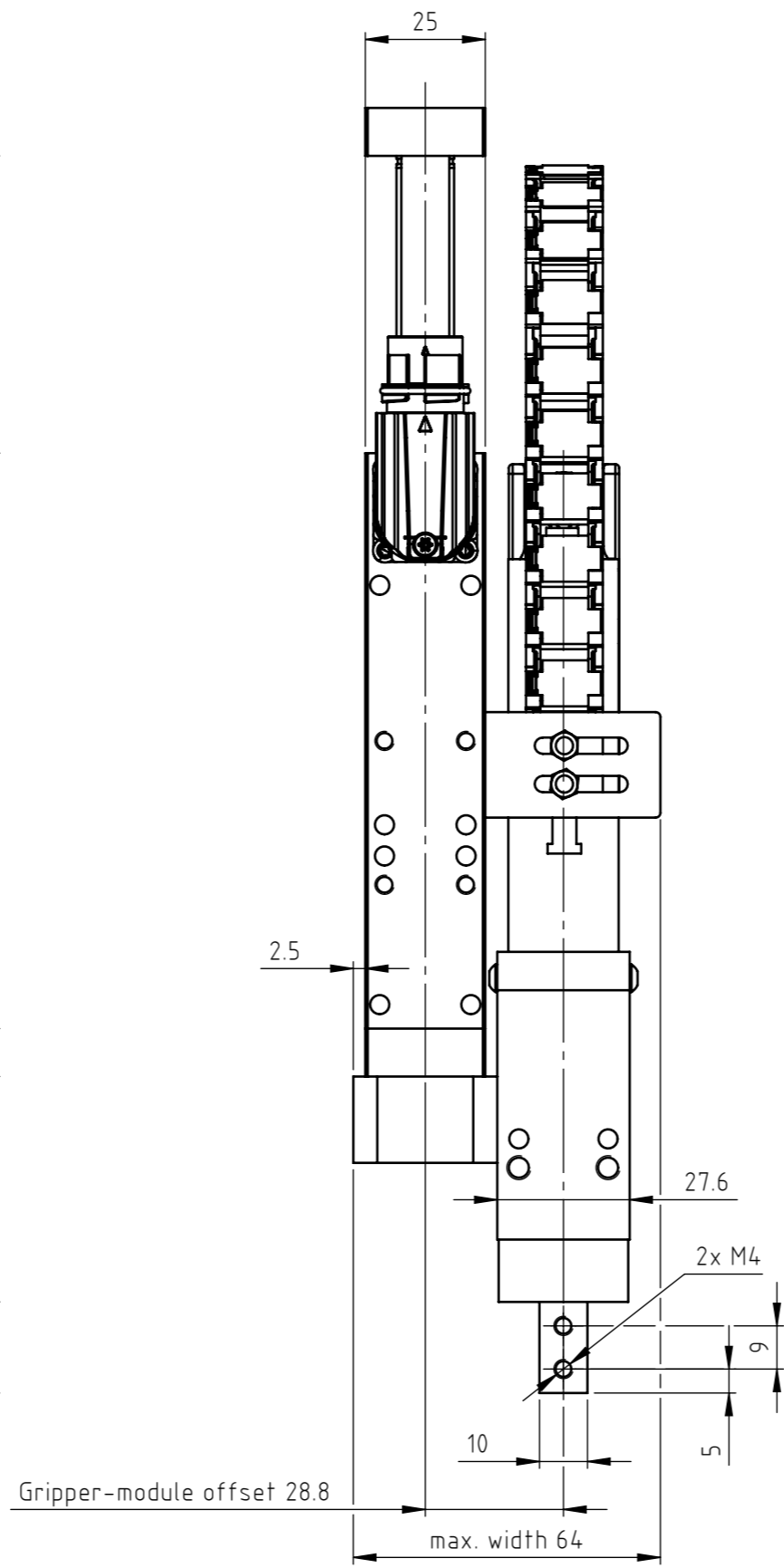
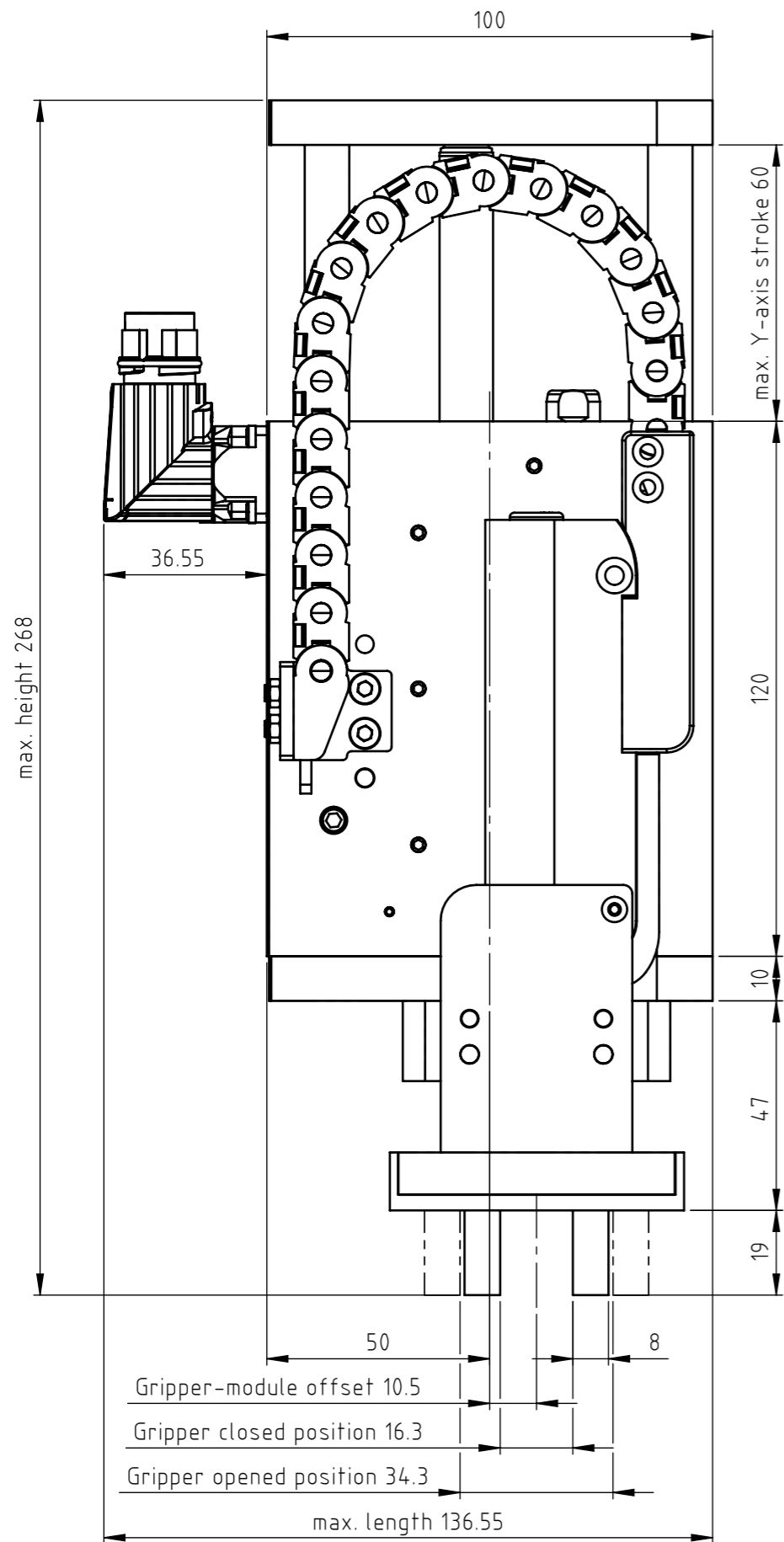


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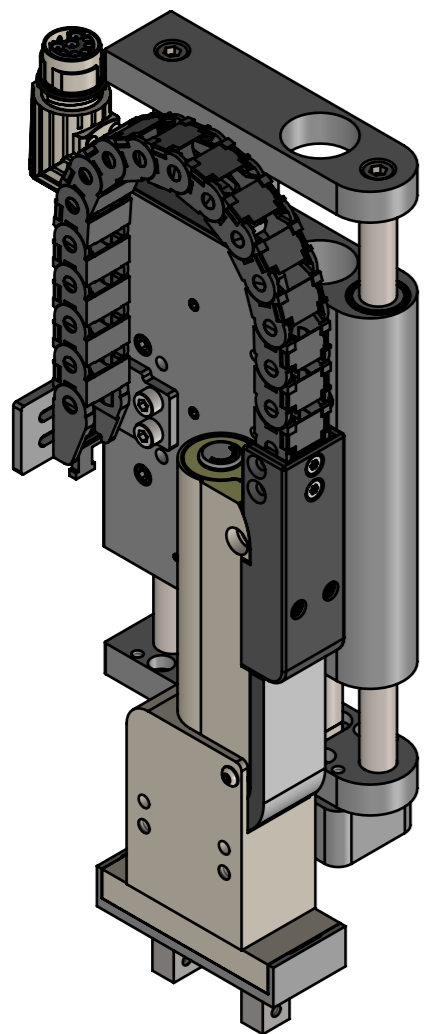


A	Document created	27.02.2026	JB	FH
Rev.	Change	Date	Author	Appr.

General tolerance DIN ISO 2768 - mK	Created by J.-E. Beekhuis	Status 03.06.2026/jb	Material
LinMot®	0380-0143_VA01_60-23x80F-MS11_S_18-23Sx80F-GT21_TC01		<input type="checkbox"/> Safety Rel. Weight (g) <input type="checkbox"/> UL-Rel. 204.12
NTI AG LinMot & MagSpring Bodenaeckerstrasse 2 CH-8957 Spreitenbach	Title, additional title VA01_60-23x80F-MS11_S_18-23Sx80F-GT21_TC01		Document type Assembly drawing
Template type: SW2020 Version: V1-1 SW_A3_hori_Sheet_format_V1-1	Vertical axis / DM03-23x80 & GM50-23x80 Art.No.: 0300-0087		Drawing number / Index 0180-0143A
Scale 7:10		Sheet 1 / 3	A3

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Stage type	VA01_60-23x80F-MS11_S_18-23Sx80F-GT21_TC01		
Motor type	Z-axis: 0150-6019 DM03-23x80F-XP-R-60_CS10_MS11	Gripper: 0150-6251 GM50-23Sx80F-XP-K_35-18_GT21_MS03	
Serial number			
Stroke	60	Stroke	18
Max. Force@48VDC [N]	73.1	Max. clamping force [N]	43
Max. Force@72VDC [N]	73.1	Max. continuous clamping force: Closing direction [N]	7
Position resolution [mm]	0.002	Max. continuous clamping force: Opening direction [N]	8
Repeatability [mm]	±0.05	Min. opening/ closing time [s]	0.02
Max. acceleration [m/s ²]	< 50	Position resolution [mm]	0.002
Max. Velocity@48VDC [m/s]	2.5	Repeatability [mm]	±0.05
Max. Velocity@72VDC [m/s]	3.8	Module mass [kg]	0.610
Deviation	see datasheet	Grease type - mechanic	0260-0061 SKF LGFP 2
Moving mass [kg]	0.580		
Module mass [kg]	1.400		
Cable weight [kg/km]	83.0		
Max. payload	see datasheet		
Grease type - Motor	0150-1954 / 0150-1955 LU02		
Grease type - Bearings	0150-6972 ELKALUB VP 874		
Grease type - MagSpring	0150-1954 / 0150-1955 LU02		

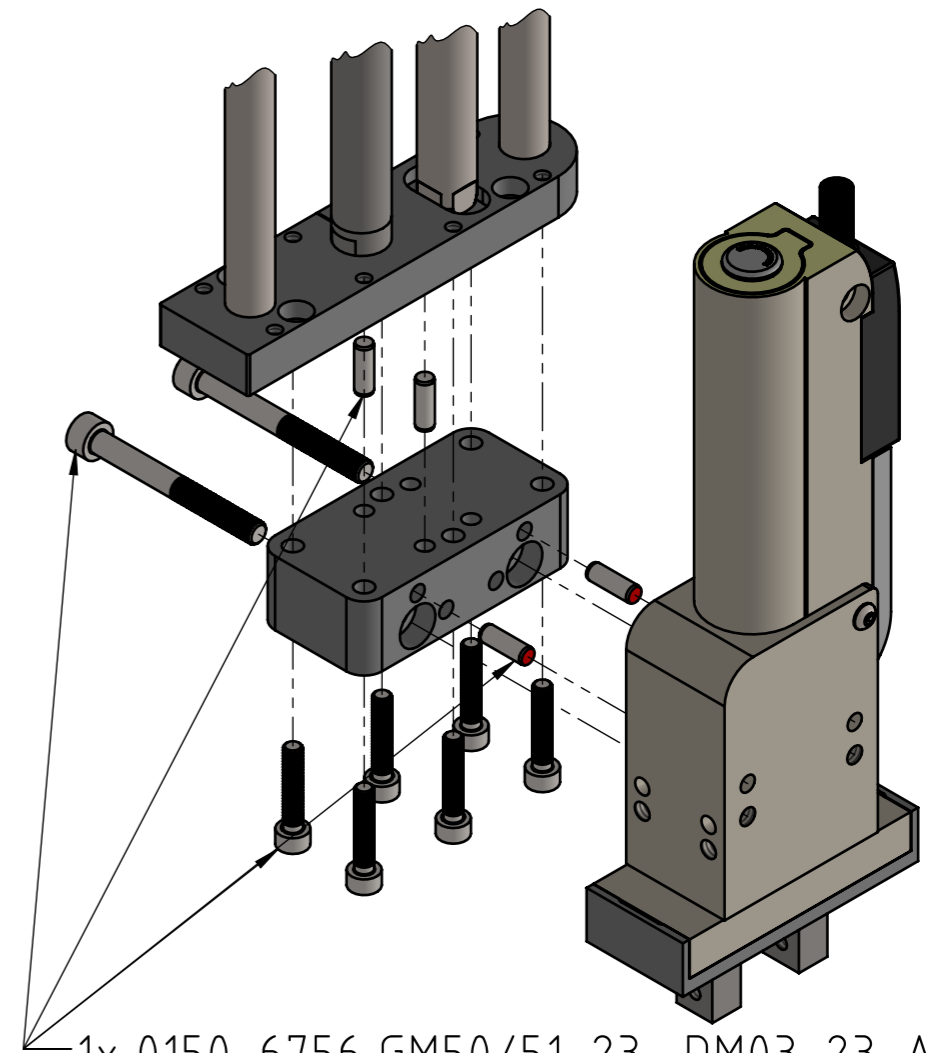
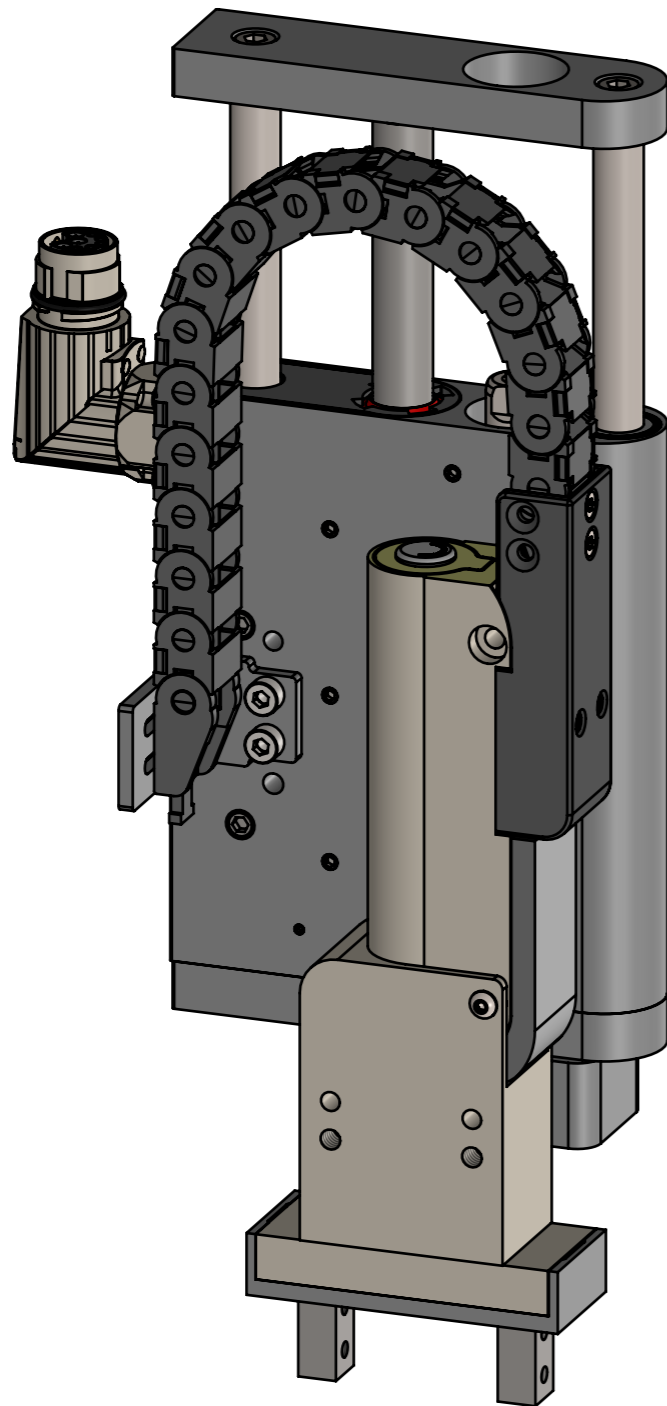


Accessories			
Stage type	VA01_60-23x80F-MS11_S_18-23Sx80F-GT21_TC01		
Motor type	Z-axis: 0150-6019 DM03-23x80F-XP-R-60_CS10_MS11	Gripper: 0150-6251 GM50-23Sx80F-XP-K_35-18_GT21_MS03	
Motor cable	Not selected	Selected: 0150-2186 KS03-R/K-2	
External sensor	Not selected	Not selected	
Cable guide	Selected: 0150-6438 GM50-23-TC-16x12.5		
Force sensor	Not selected	Not selected	

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LinMot®	0380-0143_VA01_60-23x80F-MS11_S_18-23Sx80F-GT21_TC01		<input type="checkbox"/> Safety Rel. Weight (g) <input type="checkbox"/> UL-Rel.
NTI AG LinMot & MagSpring Bodenaeckerstrasse 2 CH-8957 Spreitenbach	Title, additional title VA01_60-23x80F-MS11_S_18-23Sx80F-GT21_TC01 Vertical axis / DM03-23x80 & GM50-23x80 Art.No.: 0300-0087		Document type Assembly drawing Drawing number / Index 0380-0143A
Template type: SW2020 Version: V1-1 SW_A3_hori_Sheet_format_V1-1	Scale 1:2		Sheet 2 / 3 A3

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- 1x 0150-6756 GM50/51-23_DM03-23-AP
- 6x ISO 4762 M4x20
- 4x ISO 2338 Ø4x12
- 2x ISO 7041 M5x45

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General tolerance DIN ISO 2768 - mK	Created by J.-E. Beekhuis	Status 03.06.2026/jb	Material
LinMot®	0380-0143_VA01_60-23x80F-MS11_S_18-23Sx80F-GT21_TC01		<input type="checkbox"/> Safety Rel. Weight (g) <input type="checkbox"/> UL-Rel. 2624.64
	Title, additional title VA01_60-23x80F-MS11_S_18-23Sx80F-GT21_TC01		Document type Assembly drawing
NTI AG LinMot & MagSpring Bodenaeckerstrasse 2 CH-8957 Spreitenbach	Vertical axis / DM03-23x80 & GM50-23x80 Art.No.: 0300-0087		Drawing number / Index 0180-0143A
Template type: SW2020 Version: V1-1 SW_A3_hori_Sheet_format_V1-1	Scale 2:3		Sheet 3 / 3 A3