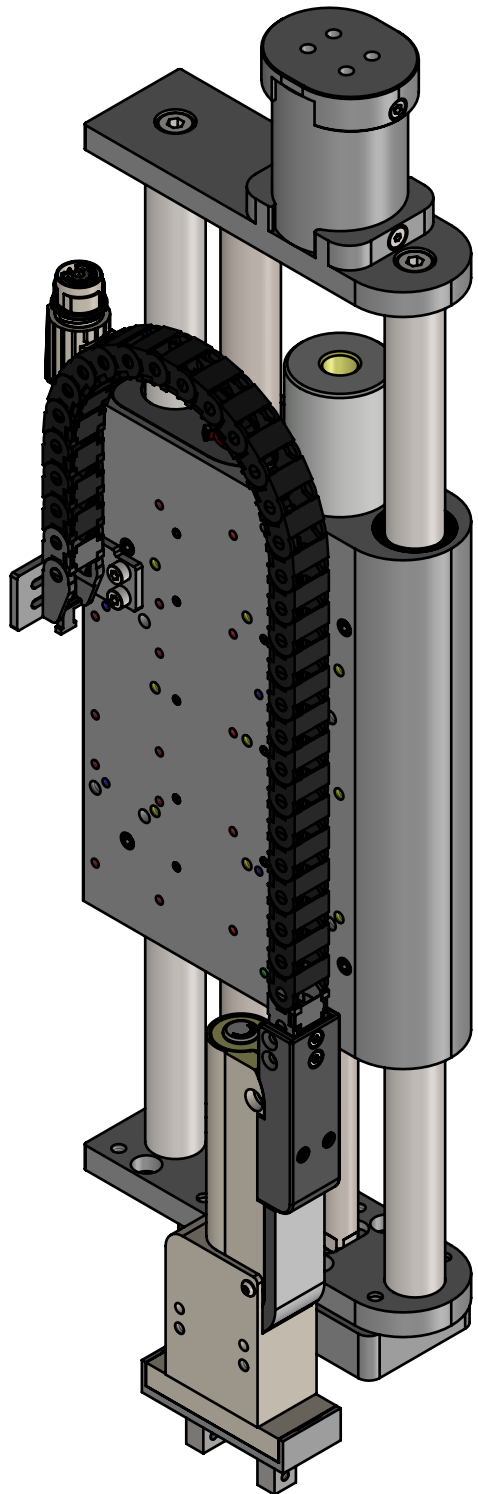
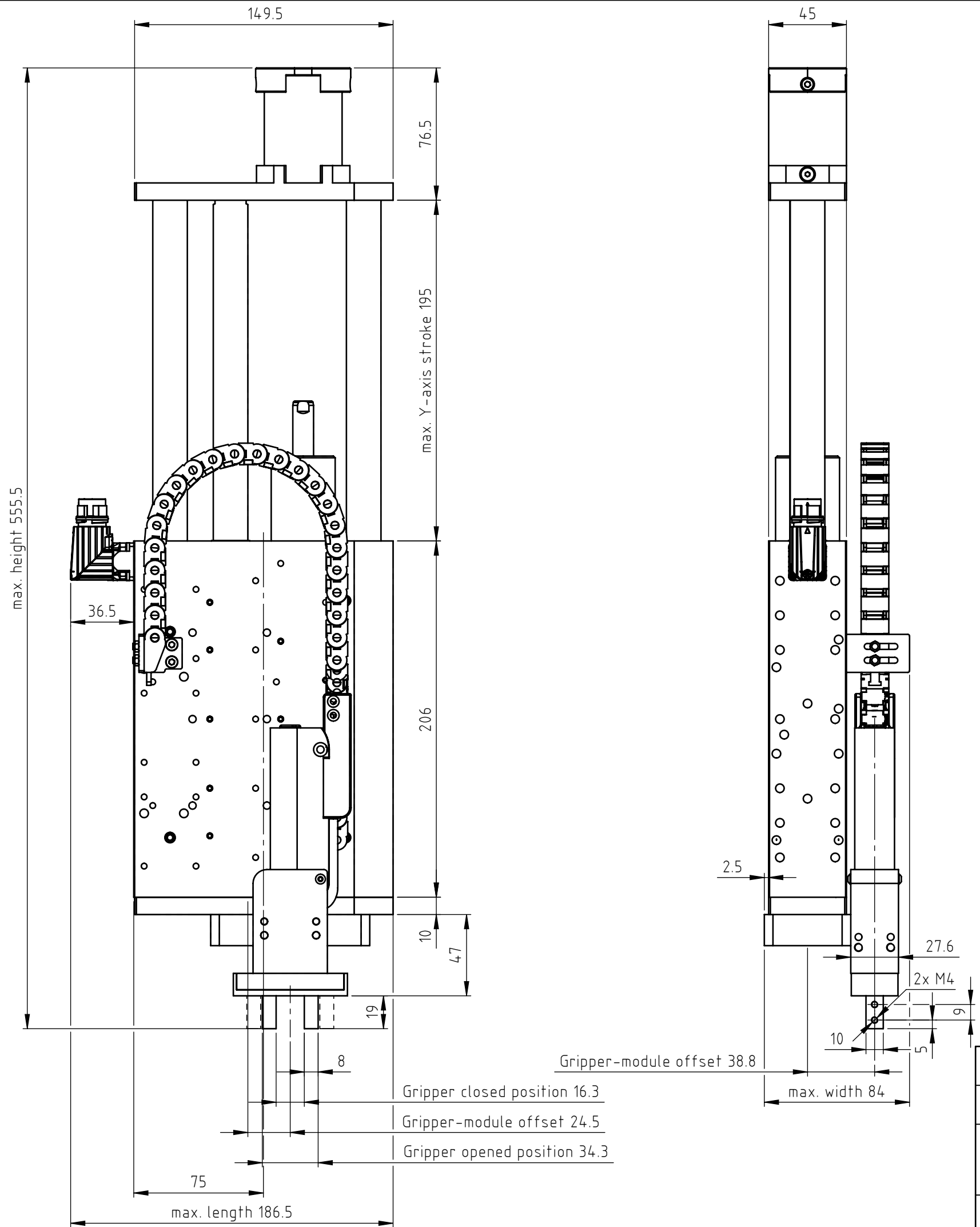


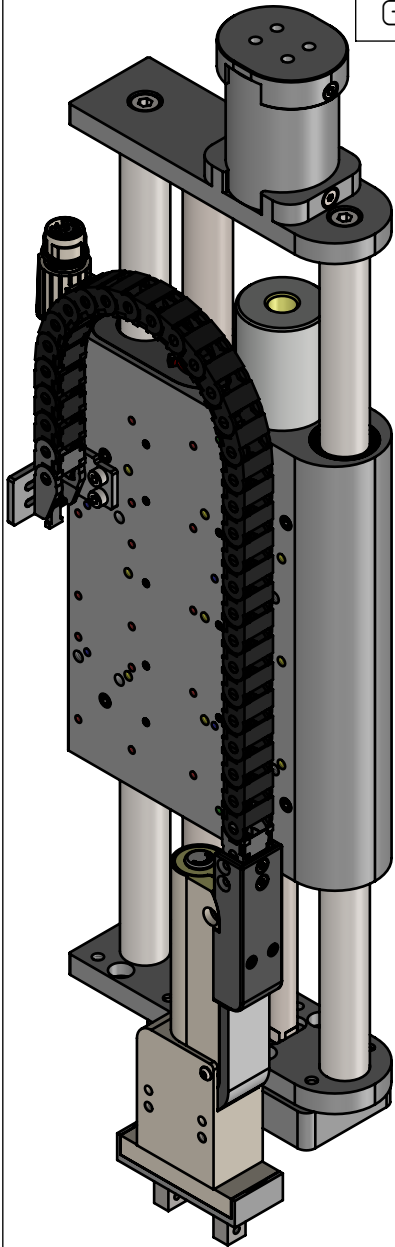
The copyright to this document, which is personally entrusted to the recipient, remains with our company. Without our written permission, the document may not be copied nor reproduced nor communicated or made accessible to third parties without our written permission.



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® NTI AG LinMot & MagSpring Bodenaeckerstrasse 2 CH-8957 Spreitenbach Template type: SW2020 Version: V1-1 SW_A3_hori_Sheet_format_V1-1	0380-0201_VA01_195-37x120F-MS02_S_18-23Sx80F-GT21_TC01		☐ Safety Rel.	Weight (g) 5863.35
	Title, additional title VA01_195-37x120F-MS02_S_18-23Sx80F-GT21_TC01		☐ UL-Rel.	
	Vertikalachse / DM03-37x120 & GM50-23x80		Document type Assembly drawing	
	Art.No.: 0300-0099		Drawing number / Index 0380-0201A	
Scale 2:5				Sheet 1 / 3
				A3

The copyright to this document, which is personally entrusted to the recipient, remains with our company. Without our written permission, the document may not be copied nor reproduced nor communicated or made accessible to third parties without our written permission.



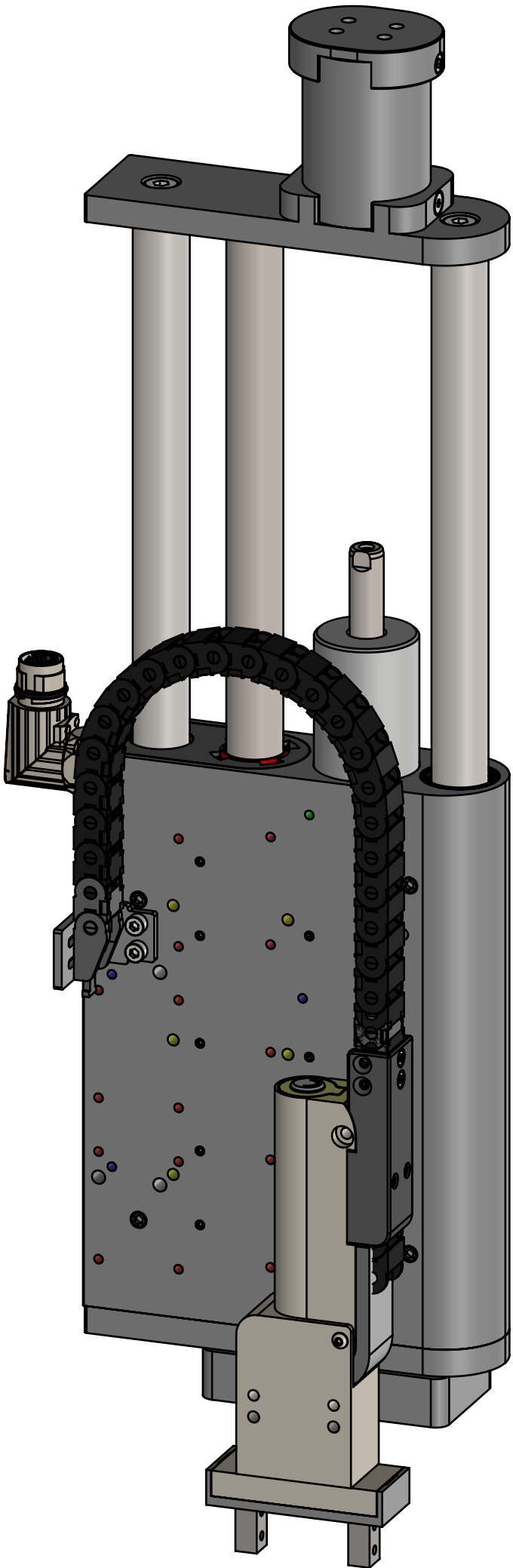
Stage type	VA01_195-37x120F-MS02_S_18-23Sx80F-GT21_TC01		
Motor type	Z-axis: 0150-5999 DM03-37x120F-HP-R-195_CS10_MS02	Gripper: 0150-6418 GM50-23Sx80F-XP-K_35-18_GT21	
Serial number			
Stroke	195	Stroke	18
Max. Force@48VDC [N]	255	Max. clamping force [N]	43
Max. Force@72VDC [N]	255	Max. continuous clamping force: Closing direction [N]	7
Position resolution [mm]	0.005	Max. continuous clamping force: Opening direction [N]	8
Repeatability [mm]	±0.05	Min. opening/ closing time [s]	0.02
Max. acceleration [m/s2]	< 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	0260-0278 SKF LGFG 2/1
Moving mass [kg]	2.630		
Module mass [kg]	6.670		
Cable weight [kg/km]	83.0		
Max. payload	see datasheet		
Grease type - Motor	0150-1954 / 0150-1955 LU02		
Grease type - Bearings	0150-6972 LU11-1000		
Grease type - MagSpring	0150-1954 / 0150-1955 LU02		

Accessories		
Stage type	VA01_195-37x120F-MS02_S_18-23Sx80F-GT21_TC01	
Motor type	Z-axis: 0150-5999 DM03-37x120F-HP-R-195_CS10_MS02	Gripper: 0150-6418 GM50-23Sx80F-XP-K_35-18_GT21
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

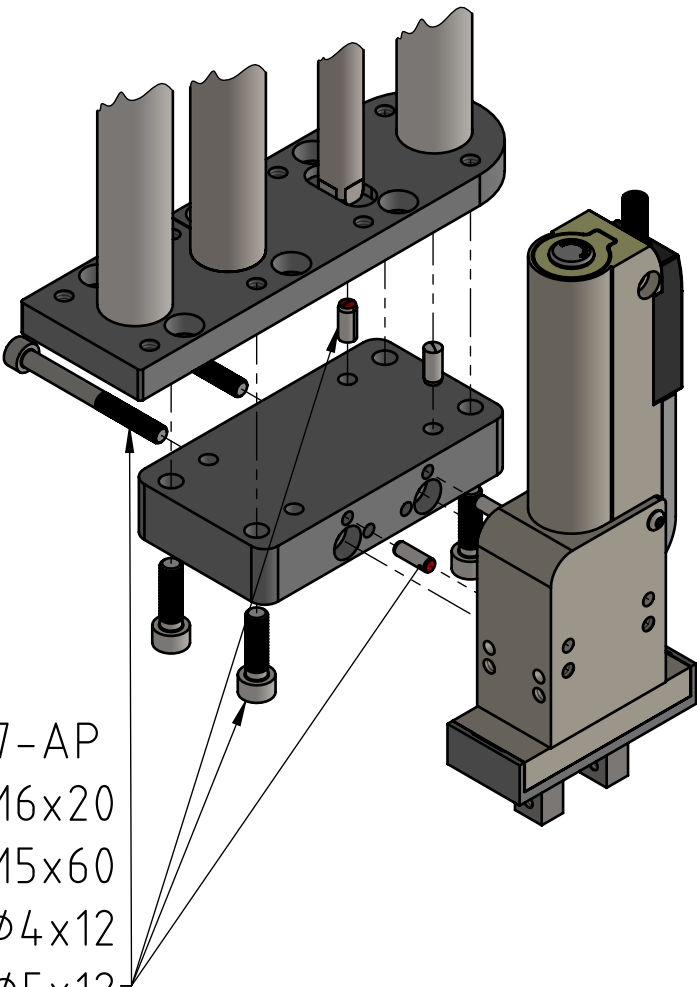
A	Document created	04.09.2026	JB	FH
Rev.	Change	Date	Author	Appr.

General tolerance DIN ISO 2768 - mK	Created by J.-E. Beekhuis	Status 04.09.2026/jb	Material	
NTI AG LinMot & MagSpring Bodenaeckerstrasse 2 CH-8957 Spreitenbach	0380-0201_VA01_195-37x120F-MS02_S_18-23Sx80F-GT21_TC01		☐ Safety Rel.	Weight (g)
			☐ UL-Rel.	
	Title, additional title VA01_195-37x120F-MS02_S_18-23Sx80F-GT21_TC01 Vertikalachse / DM03-37x120 & GM50-23x80 Art.No.: 0300-0099		Document type Assembly drawing Drawing number / Index 0380-0201A	
Template type: SW2020 Version: V1-1 SW_A3_hori_Sheet_format_V1-1	Scale 1:3		Sheet 2 / 3	A3

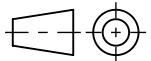
The copyright to this document, which is personally entrusted to the recipient, remains with our company. Without our written permission, the document may not be copied nor reproduced nor communicated or made accessible to third parties without our written permission.



- 1x 0150-6771 GM50/51-23x80_DM03-37-AP
4x ISO 4762 M6x20
2x ISO 4762 M5x60
2x ISO 2338 Ø4x12
2x ISO 2338 Ø5x12



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®	0380-0201__VA01_195-37x120F-MS02_S_18-23Sx80F-GT21_TC01		☐ Safety Rel. ☐ UL-Rel.	Weight (g) 5577.52
NTI AG LinMot & MagSpring Bodenaeckerstrasse 2 CH-8957 Spreitenbach	Title, additional title VA01_195-37x120F-MS02_S_ 18-23Sx80F-GT21_TC01		Document type Assembly drawing	
	Vertikalachse / DM03-37x120 & GM50-23x80		Drawing number / Index 0380-0201A	
	Art.No.: 0300-0099		Scale 1:2	 Sheet 3 / 3
Template type: SW2020 Version: V1-1 SW_A3_hori_Sheet_format_V1-1				