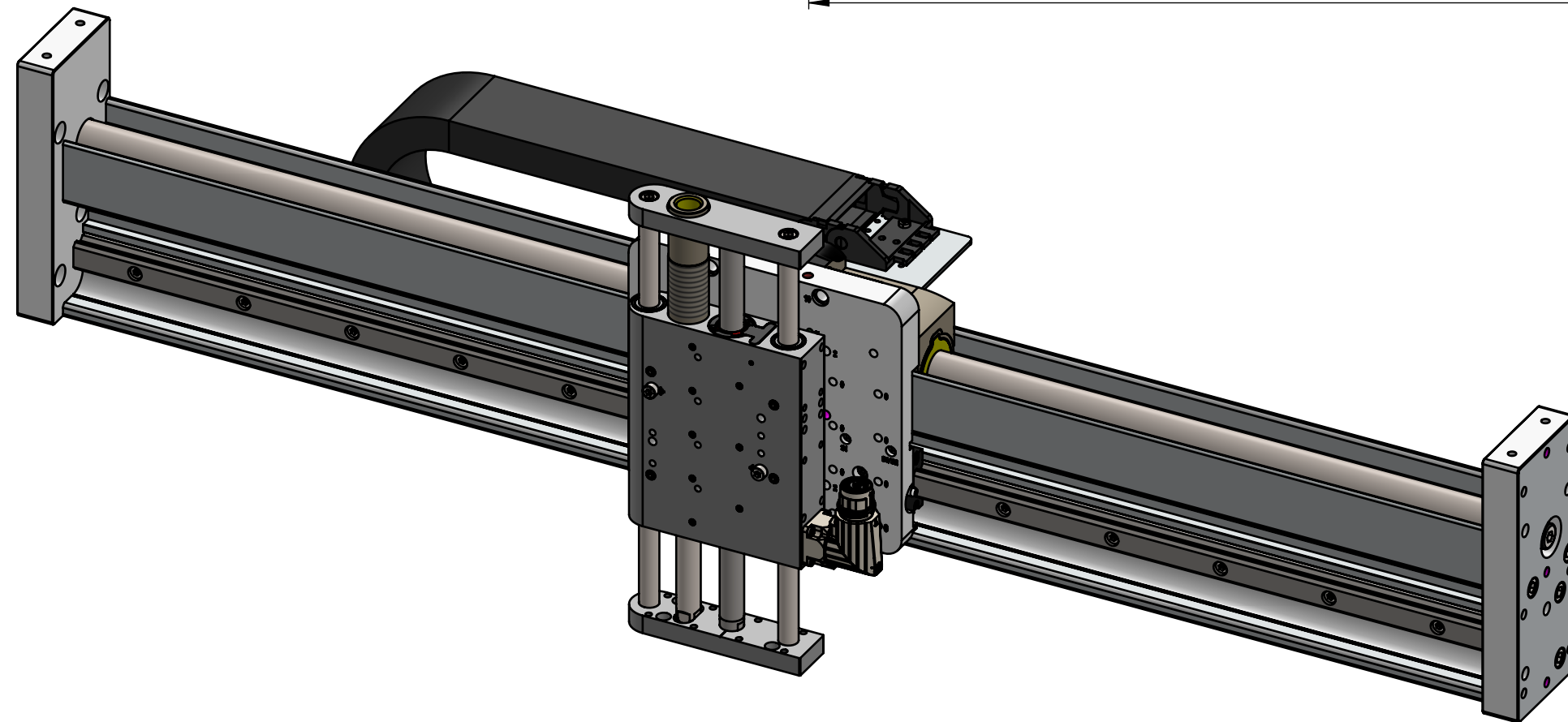
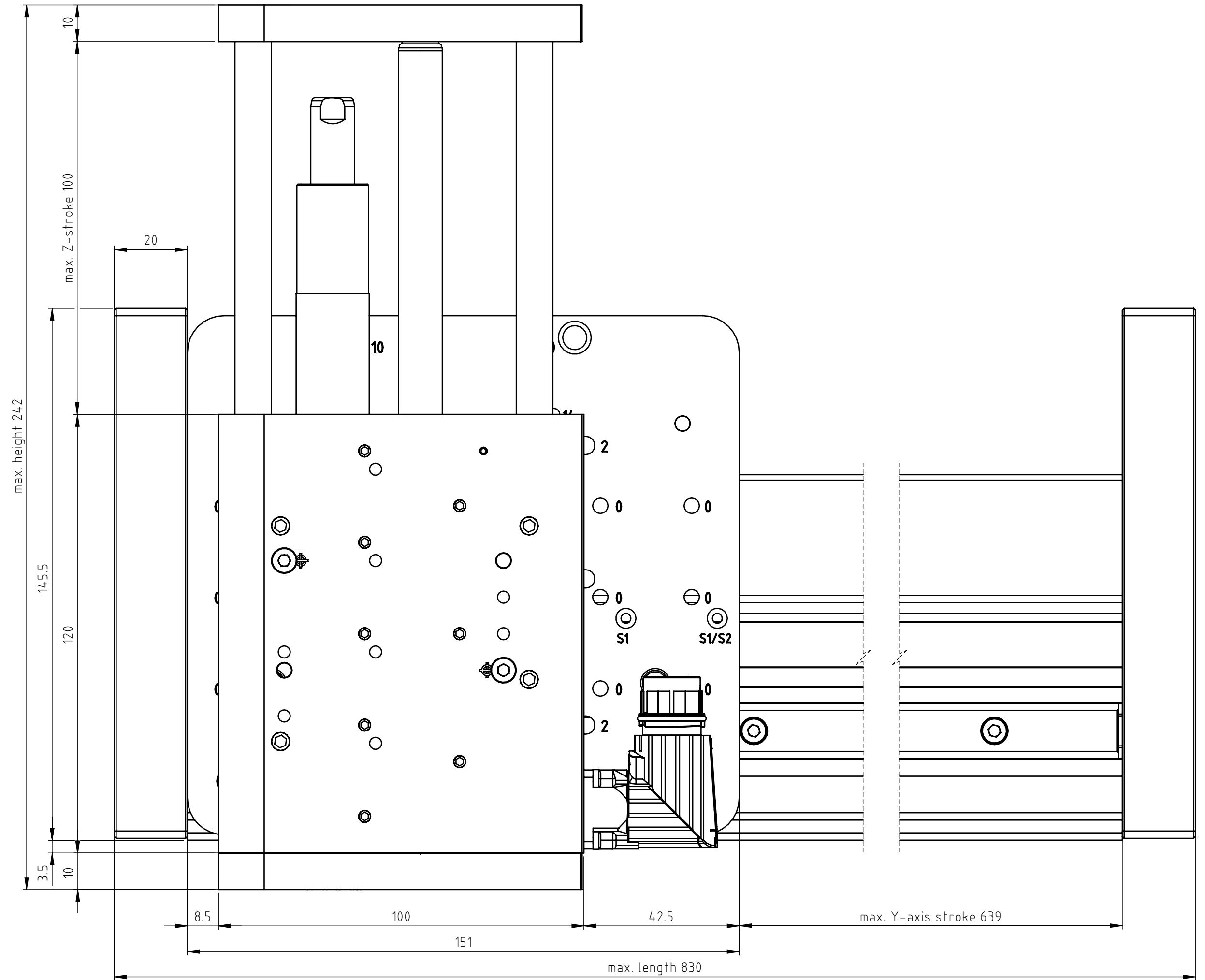
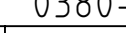
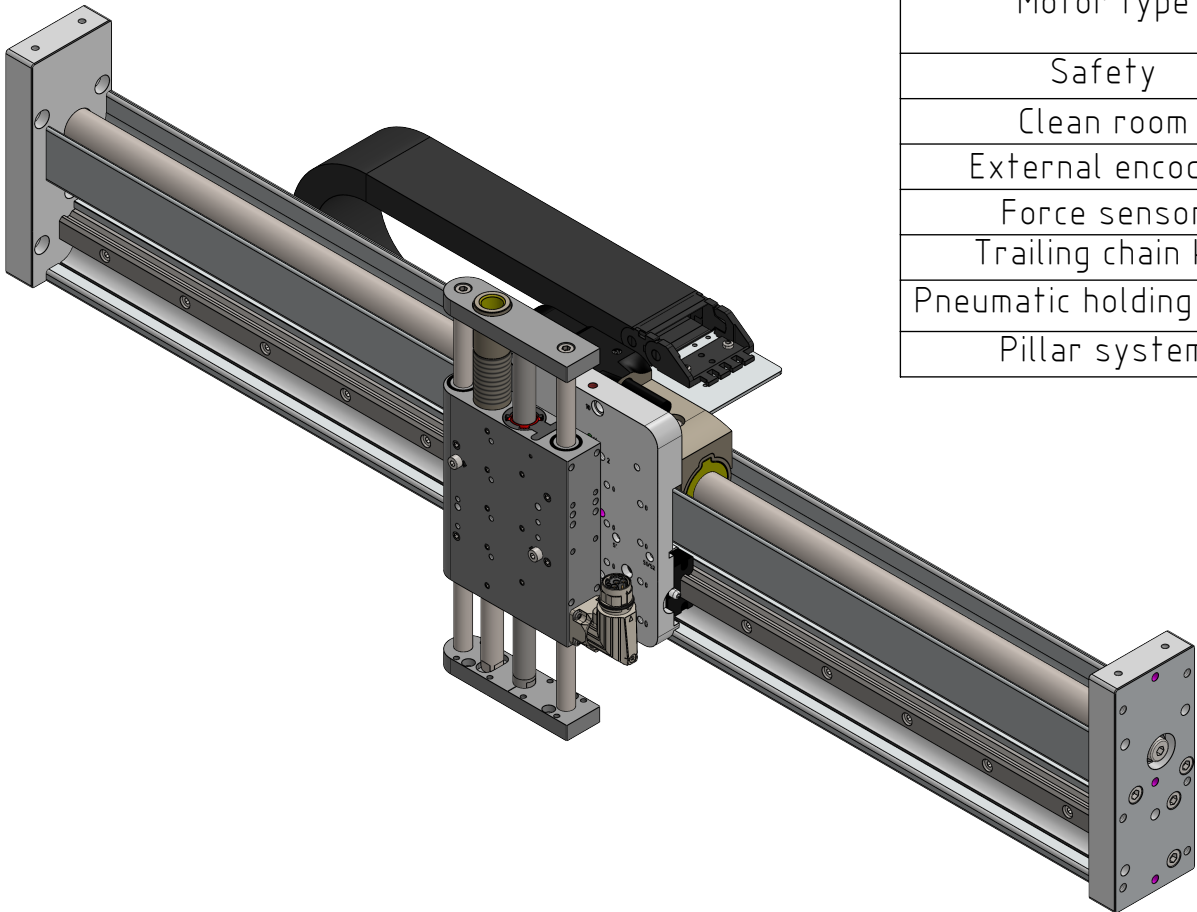




General tolerance DIN ISO 2768 - mK		Created by J.-E. Beekhuis	Status 28.05.2025/jb	Material	
		File name 0380-0025_TP03_635-1CF37Sx120__100-23x80_MS13_TC01		☐ Safety Rel. ☐ UL-Rel.	Weight (g)
		Title, additional title TP03_635-1CF37Sx120__ 100-23x80_MS13_TC01 Pick&Place / FM01-37 & DM03-23		Document type Assembly drawing Drawing number / Index 0380-0025A	
NTI AG LinMot & MagSpring Bodenaeckerstrasse 2 CH-8957 Spreitenbach		Template type: SW2020 Version: V1-1 SW_A2_hori_Sheet_format_V1-1		Scale 1:1	
		Art.No: 0300-0011		Sheet 1 / 3	A2

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.



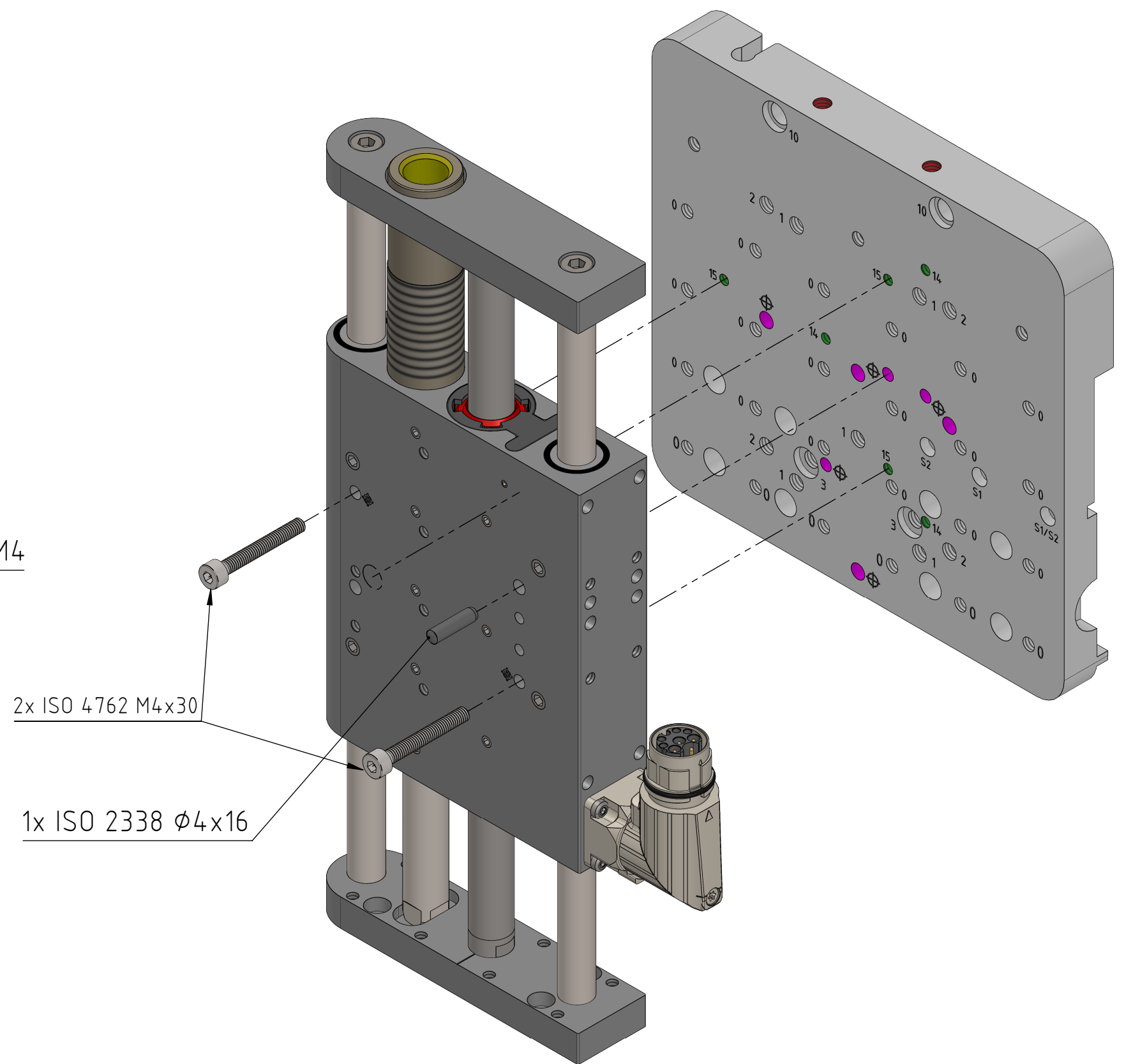
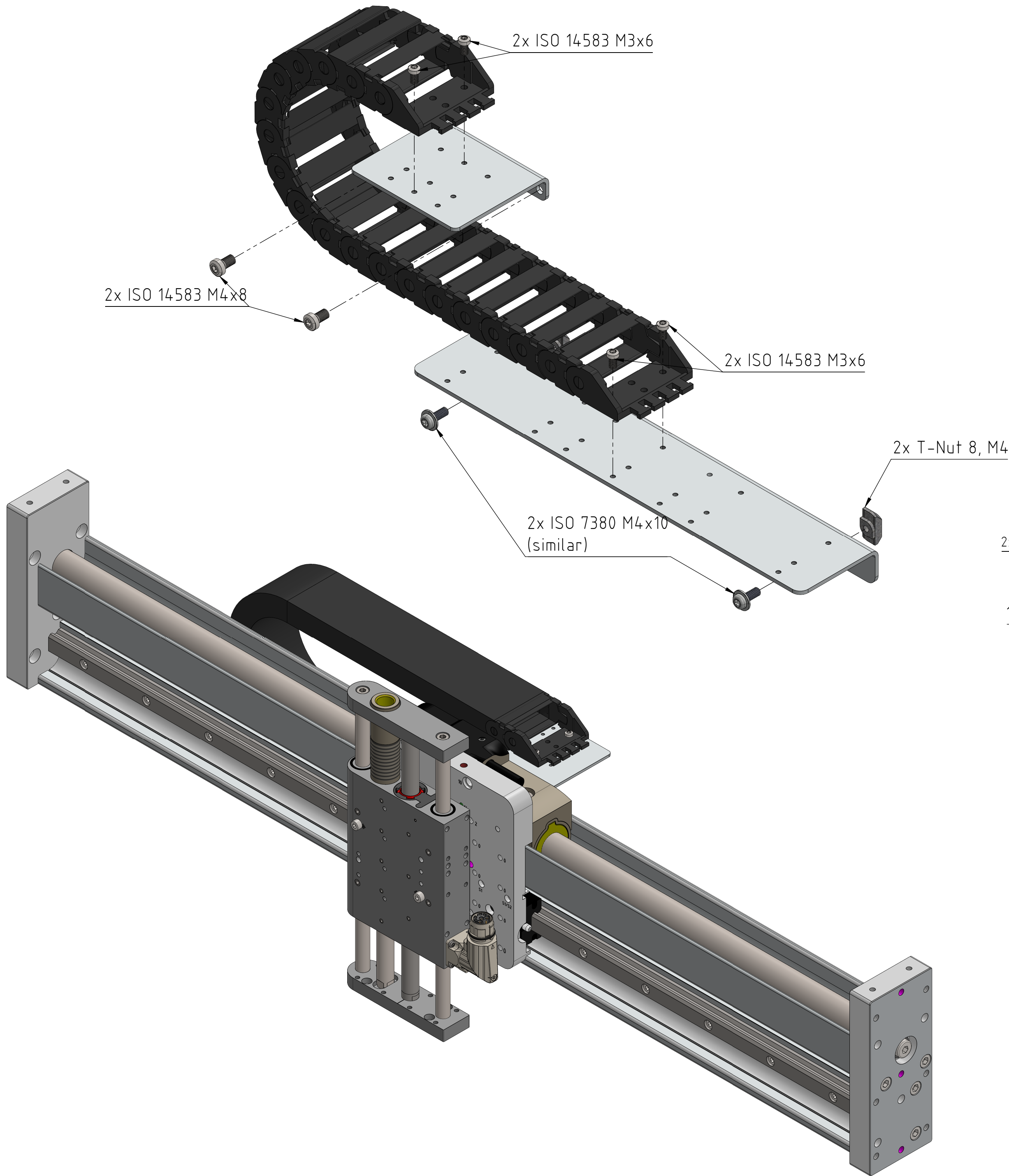
Stage type	TP03_635-1CF37Sx120_100-23x80_MS13_TC01	
Motor type	Horizontal: 0150-4981 FM01-37-830_635_1CF37Sx120F-HP-BE02-MD01-N	Vertical: 0150-6291 DM03-23x80F-XP-R-100_MS13
Stroke	635	60
Max. Force@48VDC [N]	-	73
Max. Force@72VDC [N]	255	73
Position resolution [mm]	0.005	0.002
Position resolution + External encoder [mm]	0.001	-
Repeatability [mm]	±0.05	±0.05
Repeatability + External encoder [mm]	±0.001	-
Max. Velocity@48VDC [m/s]	-	4.9
Max. Velocity@72VDC [m/s]	3.8	7.3
Deviation	see datasheet	see datasheet
Moving mass [kg]	1.579	0.580
Module mass [kg]	11.855	1.400
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	SKF LGEP 2	0260-0061 SKF LGFP 2
Grease type - MagSpring	-	0150-1954 / 0150-1955 LU02

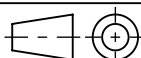
Accessories		
Stage type	TP03_635-1CF37Sx120_100-23x80_MS13_TC01	
Motor type	Horizontal: 0150-4981 FM01-37-830_635_1CF37Sx120F-HP-BE02-MD01-N	Vertical: 0150-6291 DM03-23x80F-XP-R-100_MS13
Safety	Available: not chosen	Not available
Clean room	Not available	Not available
External encoder	Available: not chosen	Not available
Force sensor	Not available	Available: not chosen
Trailing chain kit	Chosen: TC01	Not available
Pneumatic holding brake	Available: not chosen	Not available
Pillar system	Not available	Not available

A	Document created	28.05.2024	JB	FH
Rev.	Change	Date	Author	Appr.

General tolerance DIN ISO 2768 - mK	Created by J.-E. Beekhuis	Status 28.05.2025/jb	Material	
NTI AG LinMot & MagSpring Bodenaeckerstrasse 2 CH-8957 Spreitenbach	0380-0025_TP03_635-1CF37Sx120_100-23x80_MS13_TC01		☐ Safety Rel.	Weight (g)
			☐ UL-Rel.	
	Title, additional title TP03_635-1CF37Sx120_100-23x80_MS13_TC01		Document type Assembly drawing	
Template type: SW2020 Version: V1-1 SW_A3_hori_Sheet_format_V1-1	Pick&Place / FM01-37 & DM03-23 Art.No.: 0300-0011		Drawing number / Index 0380-0025A	
Scale 1:4		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.



	A	Document created	28.05.2025	JB	FH
	Rev.	Change	Date	Author	Appr.
General tolerance DIN ISO 2768 - mK	Created by	Status	Material		
	J.-E. Beekhuis	28.05.2025/ jb			
LinMot®	File name	☐ Safety Rel.		Weight (g)	
	0380-0025_TP03_635-1CF37Sx120_100-23x80_MS13_TC01	☐ UL-Rel.			
	Title, additional title	Document type			
	TP03_635-1CF37Sx120_	Assembly drawing			
NTI AG LinMot & MagSpring Bodenaeckersstrasse 2 CH-8957 Spreitenbach	100-23x80_MS13_TC01	Drawing number / Index			
	Transfer portal / FM01-37 & DM03-23	0380-0025A			
Template type: SW2020 Version: V1-1 SW_A2_hori_Sheet_format_V1-1	Art.No: 0300-0011	Scale 1:2		Sheet 3 / 3	A2