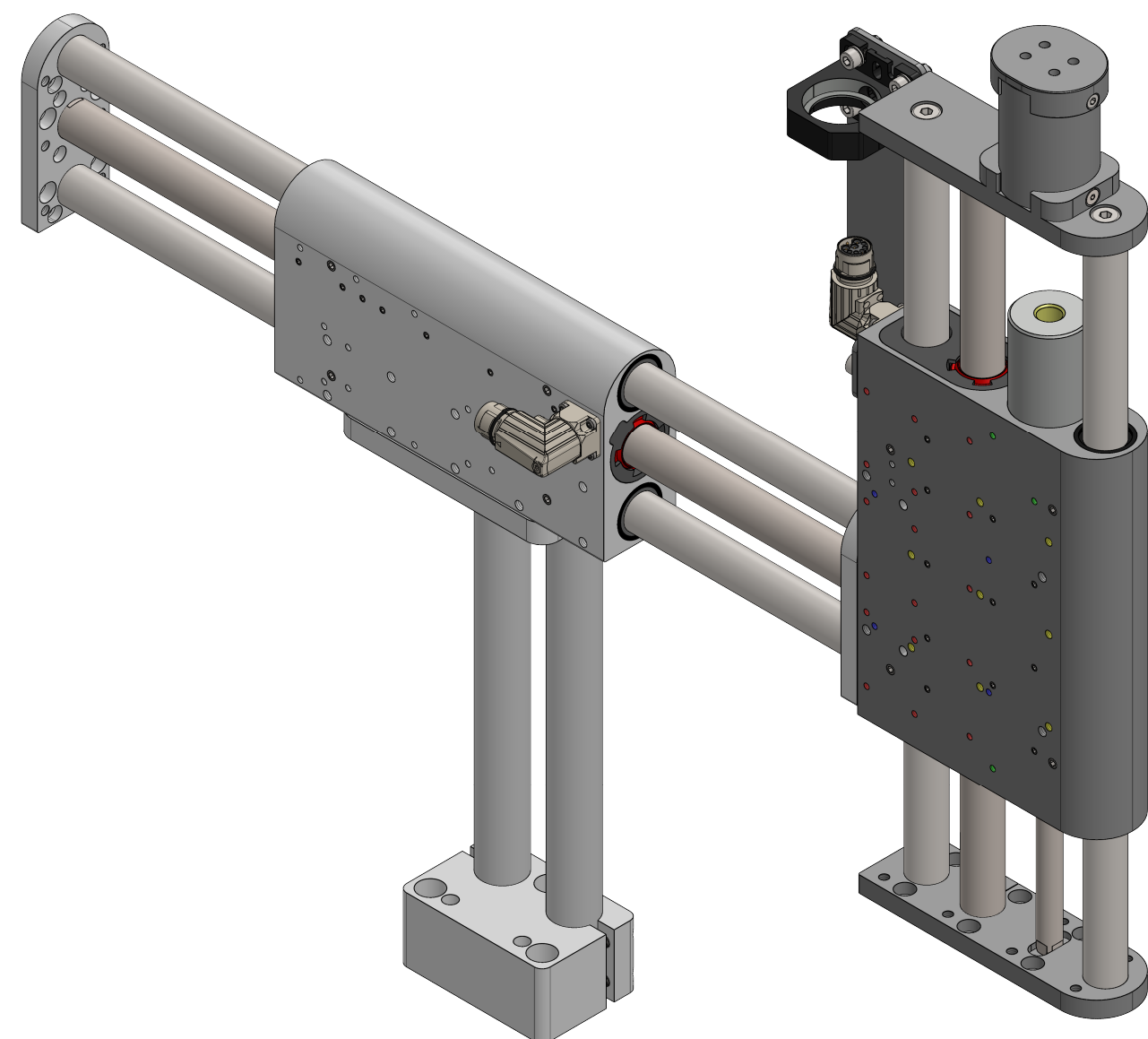
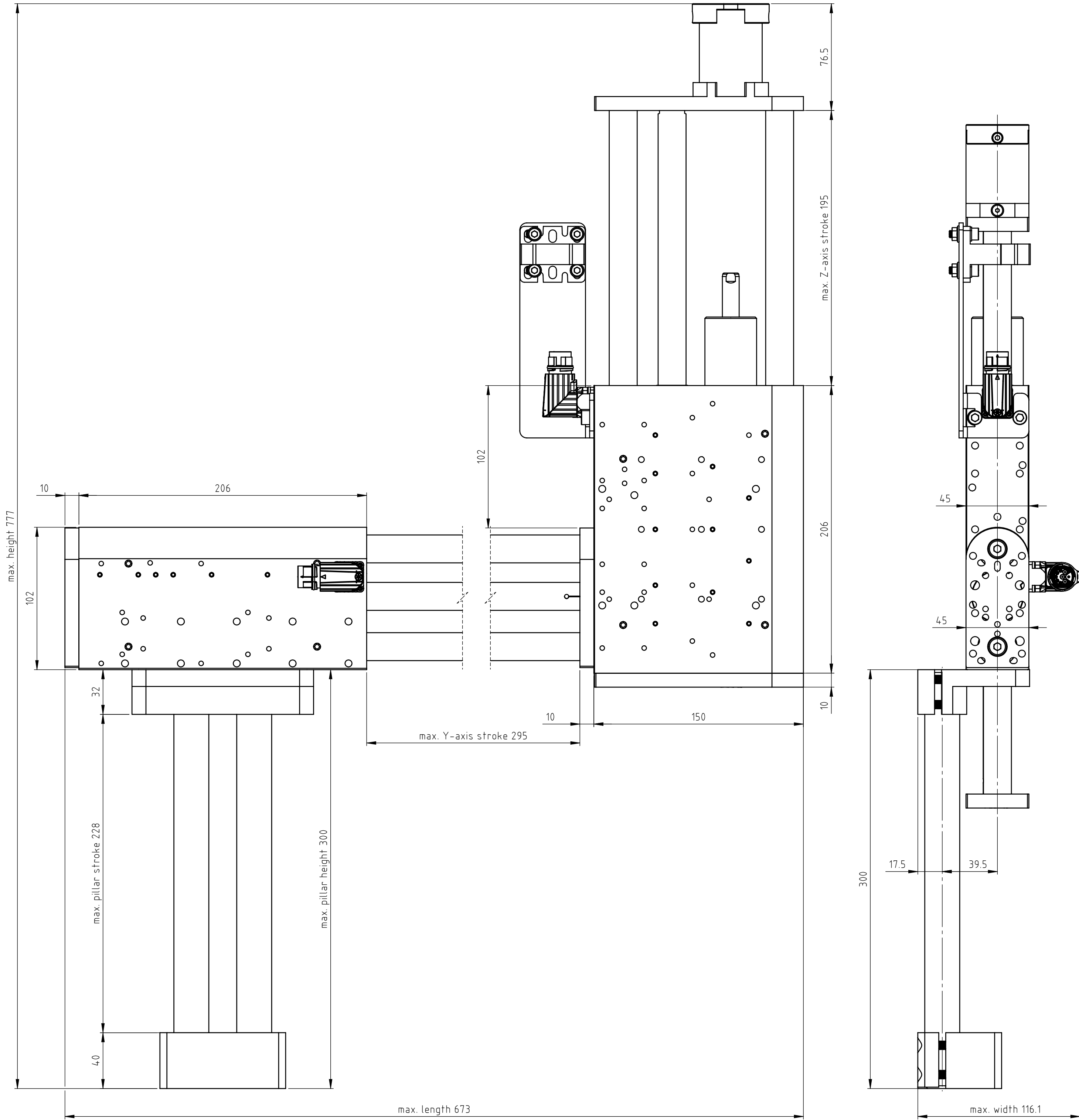
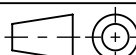


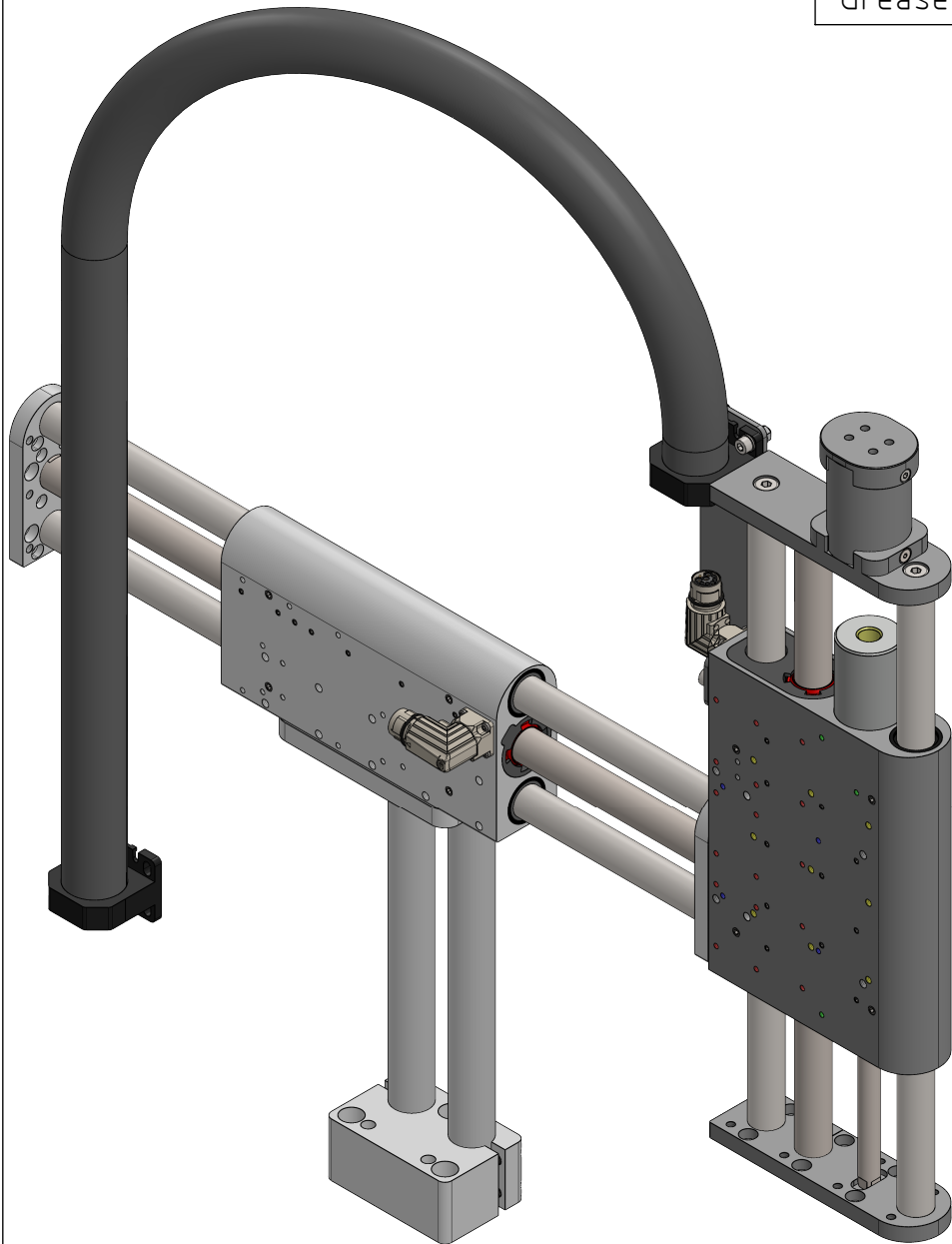
The copyright to this document, which is personally entrusted to the recipient, remains with our company. Without our written permission, the document may not be copied nor reproduced nor communicated or made accessible to third parties without our written permission.



	A	Document created	30.07.2025	JB	FH
	Rev.	Change	Date	Author	Appr.

General tolerance DIN ISO 2768 - mK	Created by J.-E. Beekhuis	Status 30.07.2025/jb	Material		
LinMot®	File name 0380-0077_PP03_295-37x120F_195-37x120F-MS02_MT02_TC17	☐ Safety Rel.		Weight (g)	
		☐ UL-Rel.			
NTI AG LinMot & MagSpring Bodenaeckerstrasse 2 CH-8957 Spreitenbach	Title, additional title PP03_295-37x120F_ 195-37x120F-MS02_MT02_TC17		Document type Assembly drawing		
	Pick&Place / DM01-37 & DM03-37		Drawing number / Index 0380-0077A		
	Art.No.: 0300-0041		Scale 1:2		Sheet 1 / 3

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	PP03_295-37x120F_195-37x120F-MS02_MT02_TC17	
Motor type	Horizontal: 0150-4015 DM01-37x120F-HP-R-295	Vertical: 0150-5999 DM03-37x120F-HP-R-195_CS10_MS02
Stroke	295	195
Max. Force@48VDC [N]	255	255
Max. Force@72VDC [N]	255	255
Position resolution [mm]	0.005	0.002
Repeatability [mm]	±0.05	±0.05
Max. acceleration [m/s2]	< 50	< 50
Max. Velocity@48VDC [m/s]	2.5	2.5
Max. Velocity@72VDC [m/s]	3.8	3.8
Deviation	see datasheet	see datasheet
Moving mass [kg]	2.680	2.630
Module mass [kg]	4.660	6.670
Pillar mass [kg]	3.200	
Cable weight [kg/km]	83.0	
Cable tube weight [kg/m]	0.84	
Max. payload	see datasheet	see datasheet
Grease type - Motor	0150-1954 / 0150-1955 LU02	
Grease type - Bearing	0260-0061 SKF LGFP 2	
Grease type - MagSpring	0150-1954 / 0150-1955 LU02	

Accessories		
Stage type	PP03_295-37x120F_195-37x120F-MS02_MT02_TC17	
Motor type	Horizontal: 0150-4015 DM01-37x120F-HP-R-295	Vertical: 0150-5999 DM03-37x120F-HP-R-195_CS10_MS02
Safety	Available: not chosen	Not available
Clean room	Available: not chosen	Not available
External sensor	Available: not chosen	Not available
Cover	Not available	Not available
Cable guide	Chosen: 0150-6835 PP03_TC17	
Pillar system	Chosen: 0150-6831 PP03_MT02	
Force sensor	Available: not chosen	Available: not chosen
Fan Kit	Available: not chosen	Not available

A	Document created	30.07.2025	JB	FH
Rev.	Change	Date	Author	Appr.

General tolerance DIN ISO 2768 - mK	Created by J.-E. Beekhuis	Status 30.07.2025/jb	Material	
LinMot® NTI AG LinMot & MagSpring Bodenaeckerstrasse 2 CH-8957 Spreitenbach	0380-0077_PP03_295-37x120F_195-37x120F-MS02_MT02_TC17		☐ Safety Rel.	Weight (g)
	Title, additional title PP03_295-37x120F_ 195-37x120F-MS02_MT02_TC17		☐ UL-Rel.	
	Pick&Place / DM01-37 & DM03-37 Art.No.: 0300-0041		Document type Assembly drawing	
Template type: SW2020 Version: V1-1 SW_A3_hori_Sheet_format_V1-1			Drawing number / Index 0380-0077A	
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.

