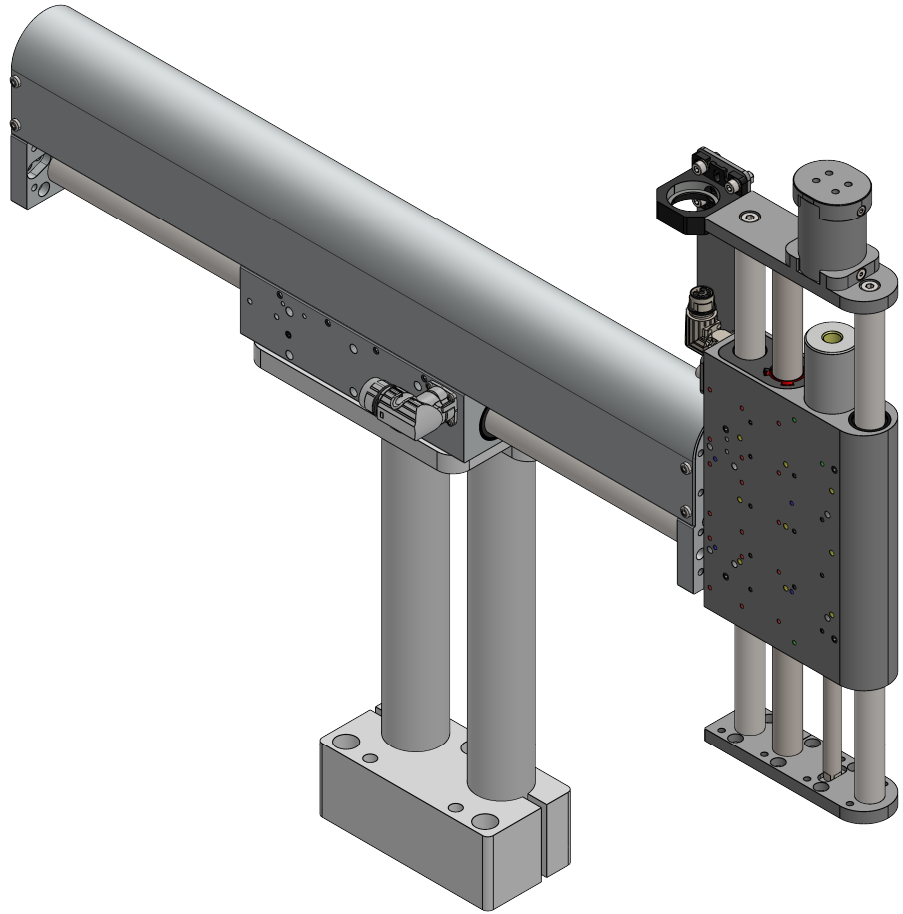
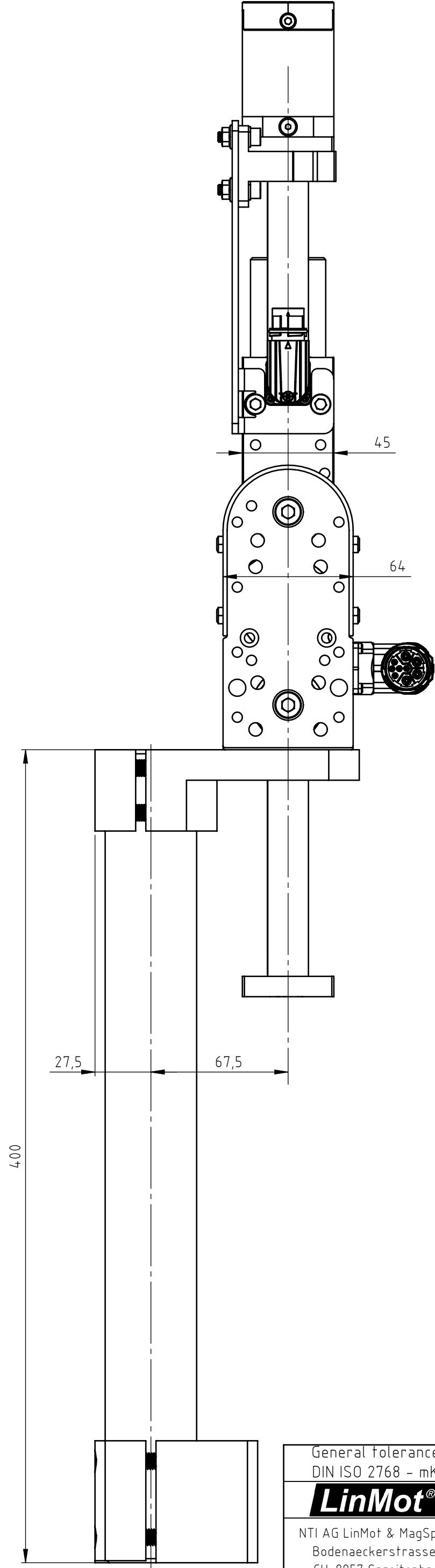
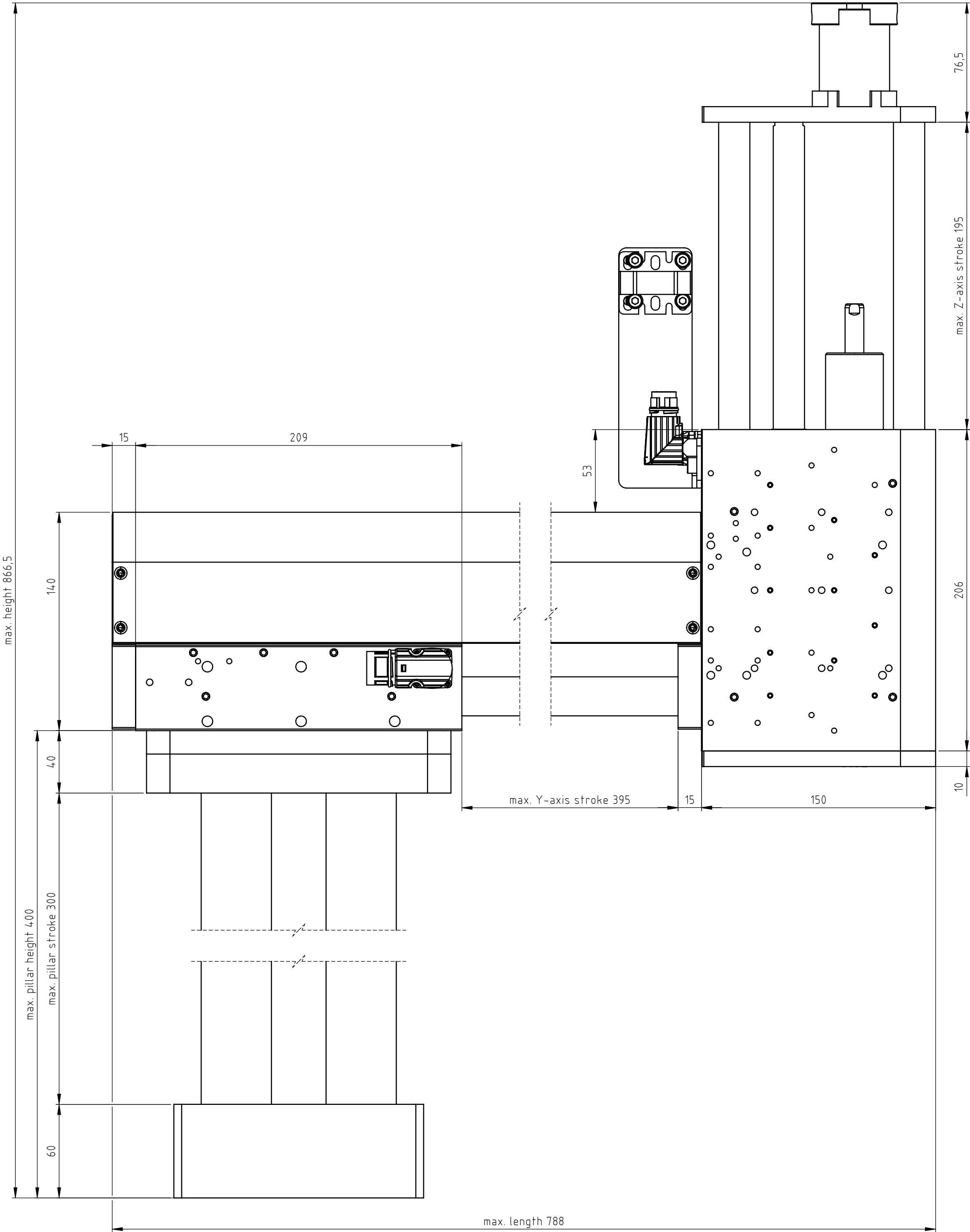


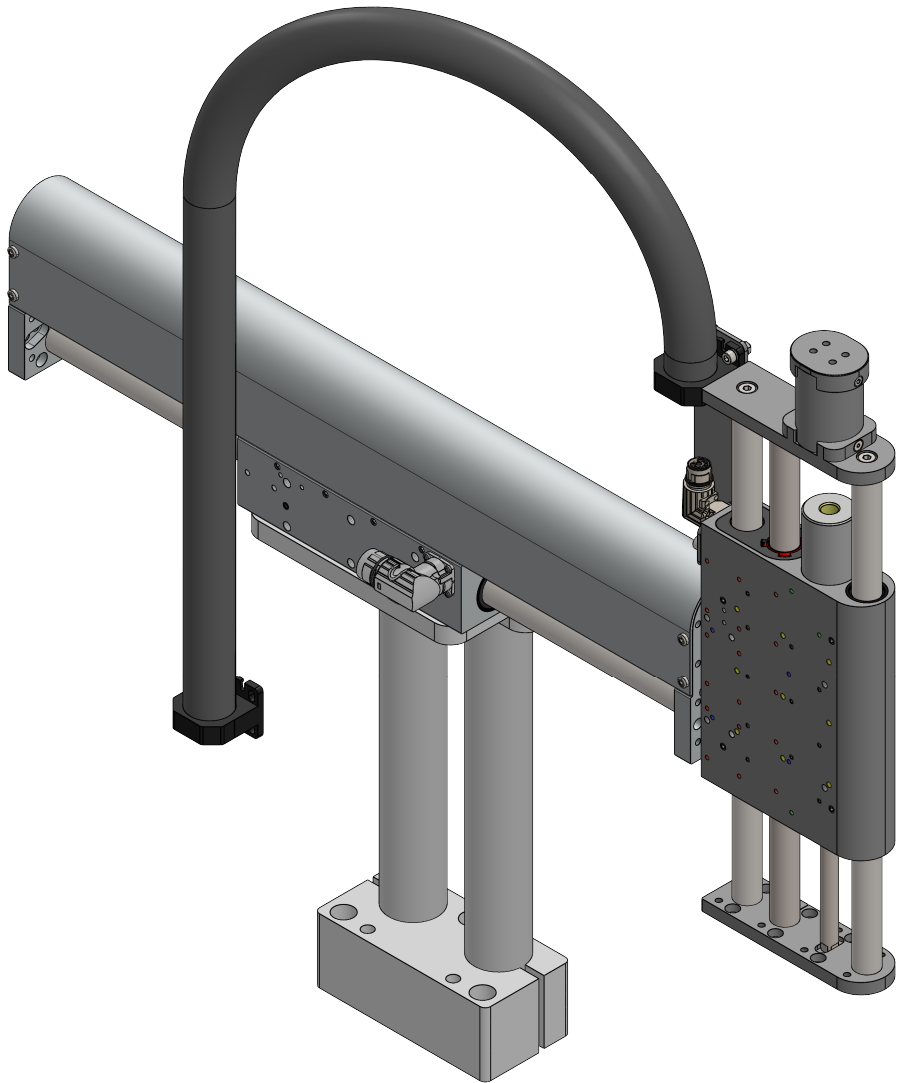
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Rev.	Change	Date	Author	Appr.

General Tolerance DIN ISO 2768 - mK	Created by J.-E. Beekhuis	Status 19.08.2025/jb	Material		
LinMot®	File name 0380-0081_PP03_395-48x150G_195-37x120F-MS02_MT03_TC17	☐ Safety Rel.		Weight (g)	
		☐ UL-Rel.			
	Title, additional title PP03_395-48x150G_ 195-37x120F-MS02_MT03_TC17 Pick&Place / DM01-48 & DM03-37	Document type Assembly drawing			
		Drawing number / Index 0380-0081A			
NTI AG LinMot & MagSpring Bodenaeckerstrasse 2 CH-8957 Spreitenbach	Art.No.: 0300-0046	Scale 1:2			Sheet 1 / 3 A2
Template type: SW2020 Version: V1-1 SW_A2_hori_Sheet_format_V1-1					

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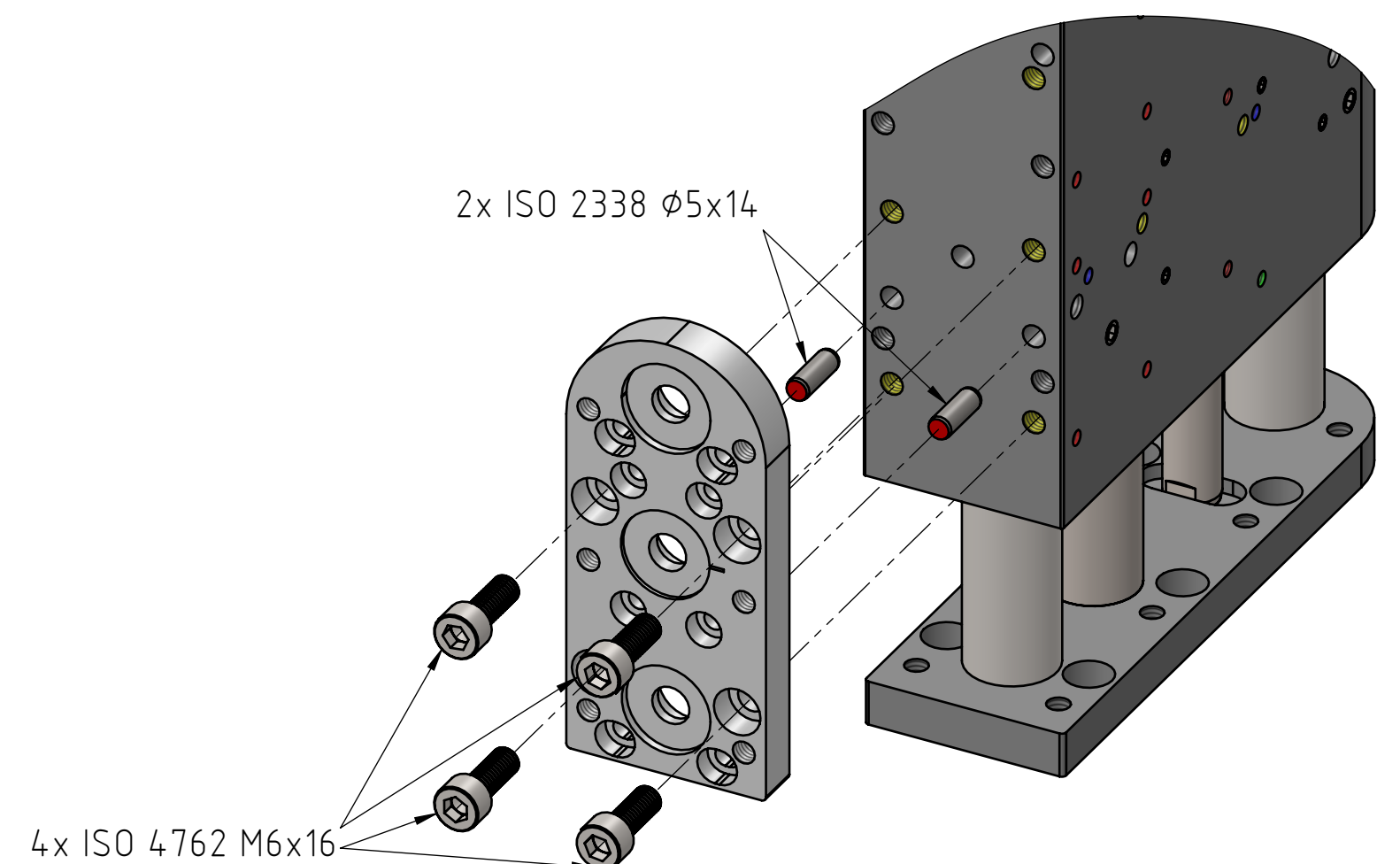
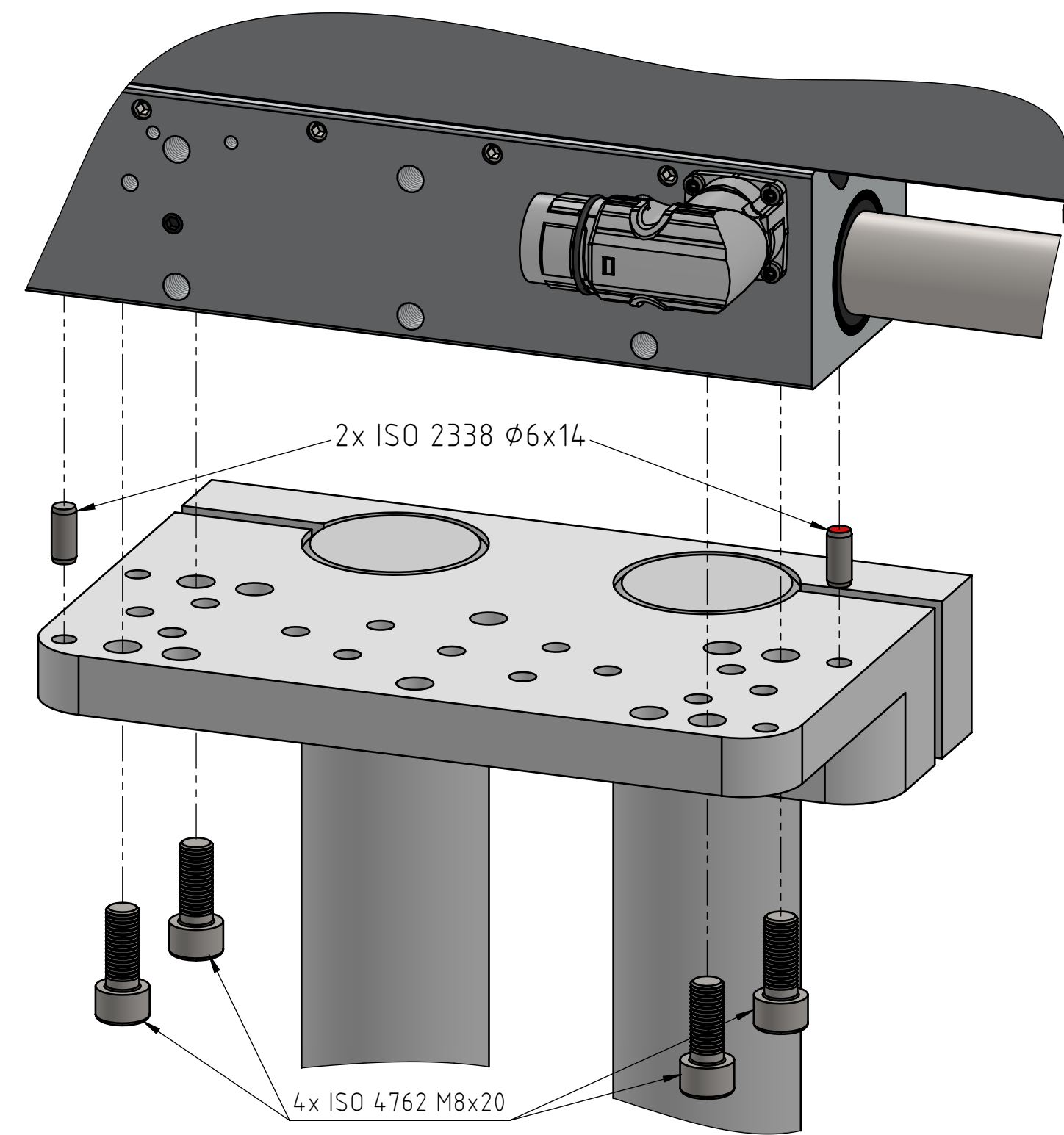
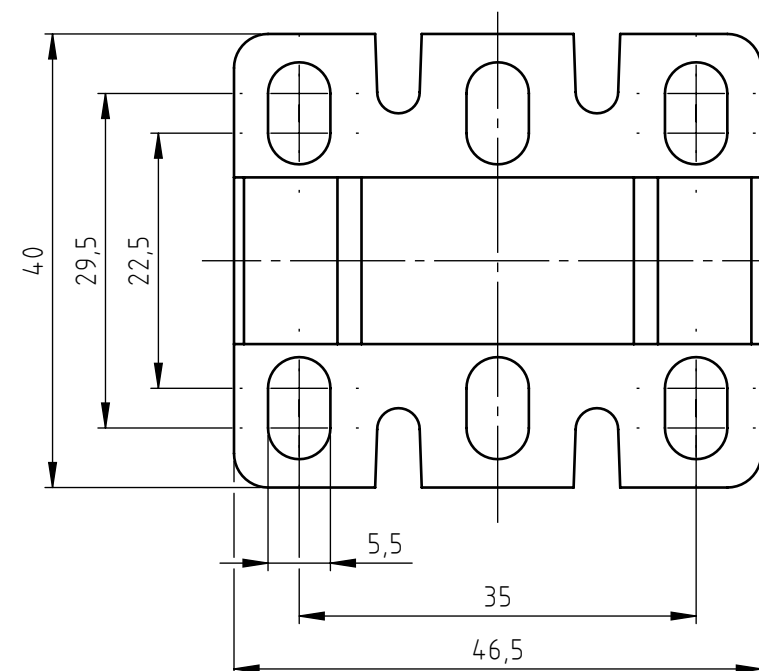
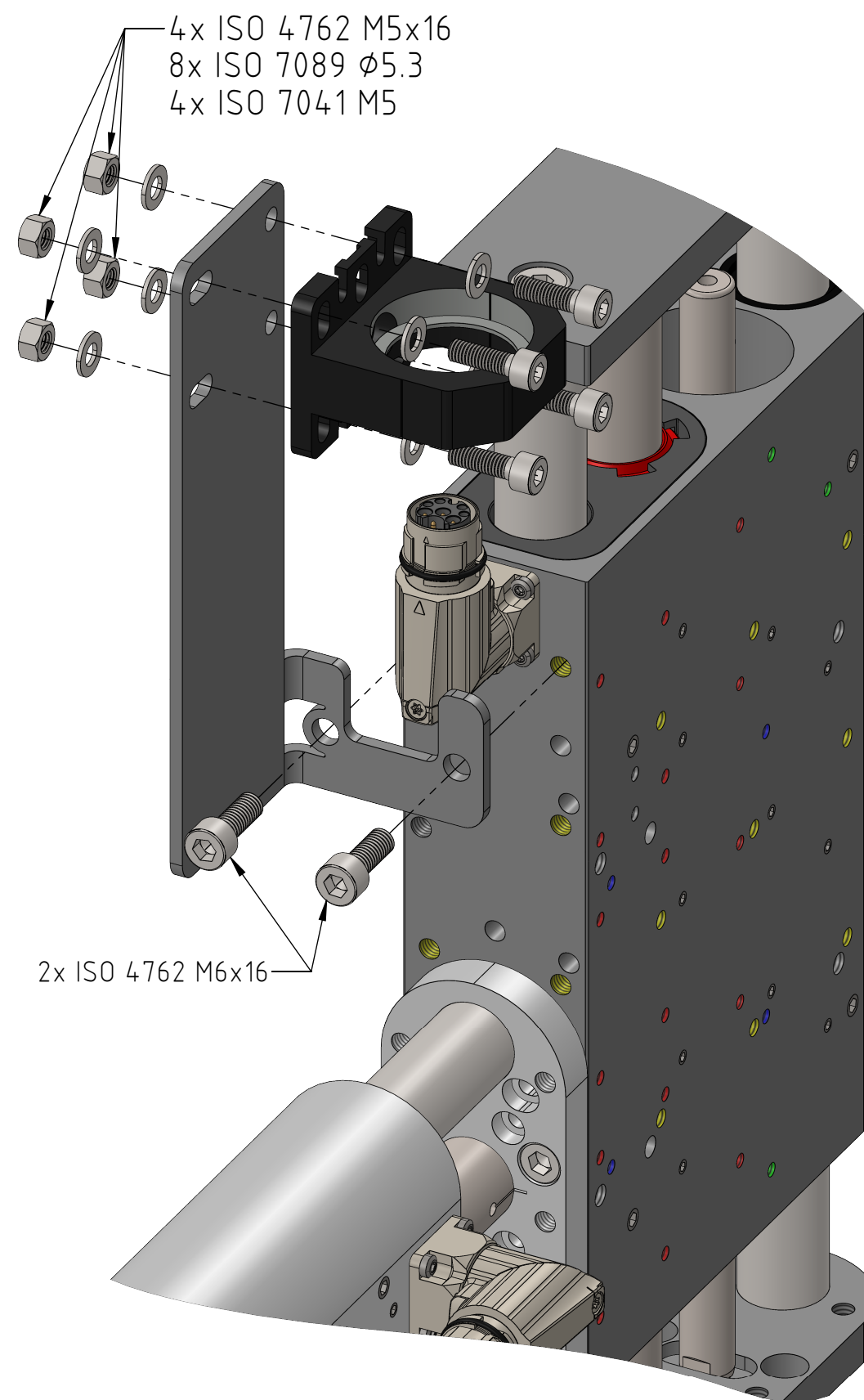
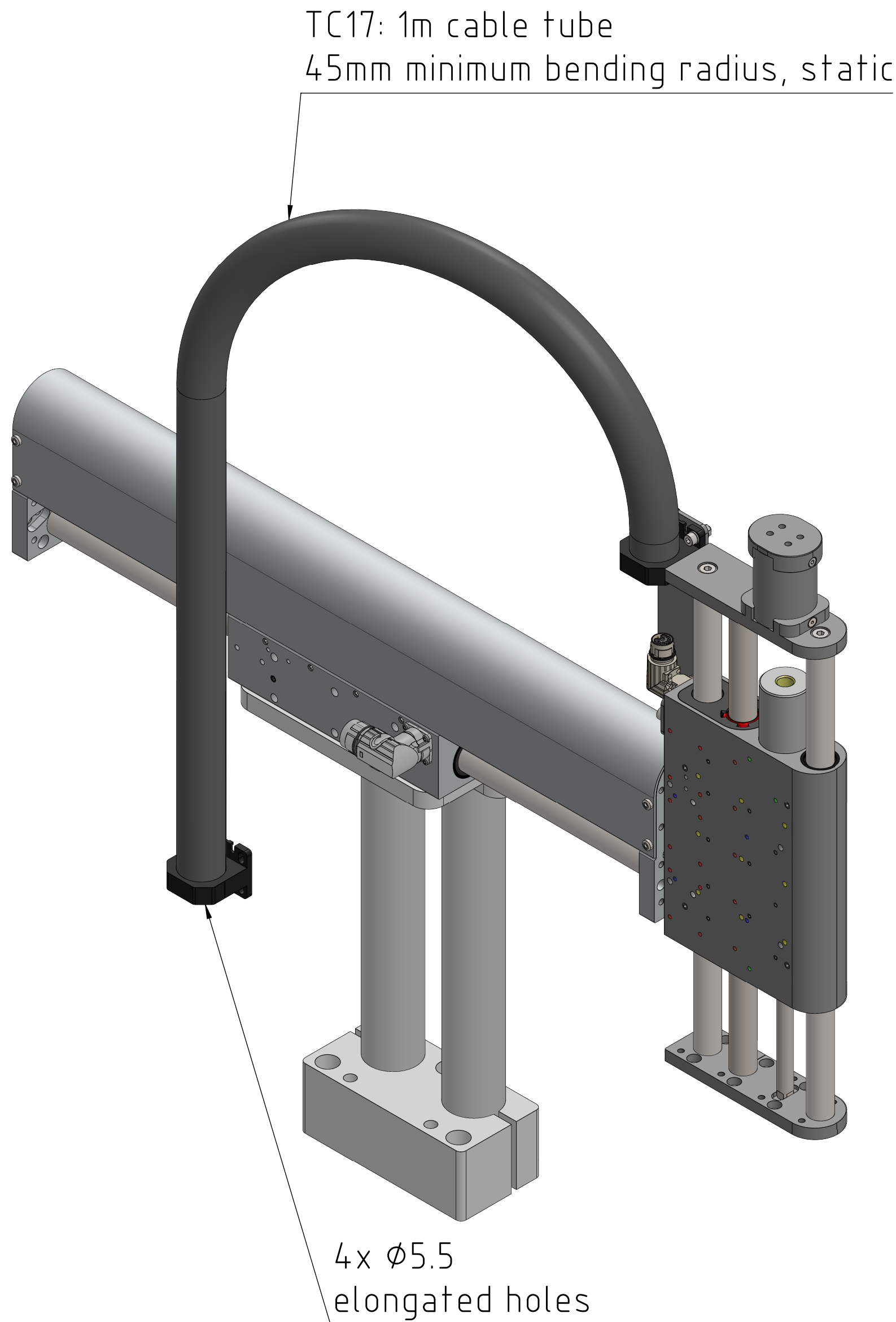
Stage type	PP03_395-48x150G_195-37x120F-MS02_MT03_TC17	
Motor type	Horizontal: 0150-4176 DM01-48x150G-HP-C-395_CS01	Vertical: 0150-5999 DM03-37x120F-HP-R-195_CS10_MS02
Stroke	395	195
Max. Force@48VDC [N]	360	255
Max. Force@72VDC [N]	360	255
Position resolution [mm]	0.007	0.002
Repeatability [mm]	±0.05	±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]	6.790	2.630
Module mass [kg]	10.860	6.670
Pillar mass [kg]	12.830	
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_395-48x150G_195-37x120F-MS02_MT03_TC17	
Motor type	Horizontal: 0150-4176 DM01-48x150G-HP-C-395_CS01	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: 0150-6832 PP03_MT02	
Force sensor	Available: not chosen	Available: not chosen
Fan Kit	Available: not chosen	Not available

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LinMot® NTI AG LinMot & MagSpring Bodenaeckerstrasse 2 CH-8957 Spreitenbach	0380-0081_PP03_395-48x150G_195-37x120F-MS02_MT03_TC17		☐ Safety Rel.	Weight (g)
			☐ UL-Rel.	
	Title, additional title PP03_395-48x150G_ 195-37x120F-MS02_MT03_TC17 Pick&Place / DM01-48 & DM03-37 Art.No.: 0300-0046		Document type Assembly drawing Drawing number / Index 0380-0081A	
Template type: SW2020 Version: V1-1 SW_A3_hori_Sheet_format_V1-1	Scale 1:5		Sheet 2 / 3	A3

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General tolerance DIN ISO 2768 - mK		Created by J.-E. Beekhuis	Status 19.08.2025/jb	Material	
LinMot®		File name 0380-0081_PP03_395-48x150G_195-37x120F-MS02_MT03_TC17	Title, additional title PP03_395-48x150G_ 195-37x120F-MS02_MT03_TC17		☐ Safety Rel. Weight (g) ☐ UL-Rel.
NTI AG LinMot & MagSpring Bodenaeckerstrasse 2 CH-8957 Spreitenbach		Pick&Place / DM01-48 & DM03-37		Document type Assembly drawing	
Template type: SW2020 Version: V1-1 SW_A2_hori_Sheet_format_V1-1		Art.No.: 0300-0046		Drawing number / Index 0380-0081A	
Scale 1:3				Sheet 3 / 3 A2	