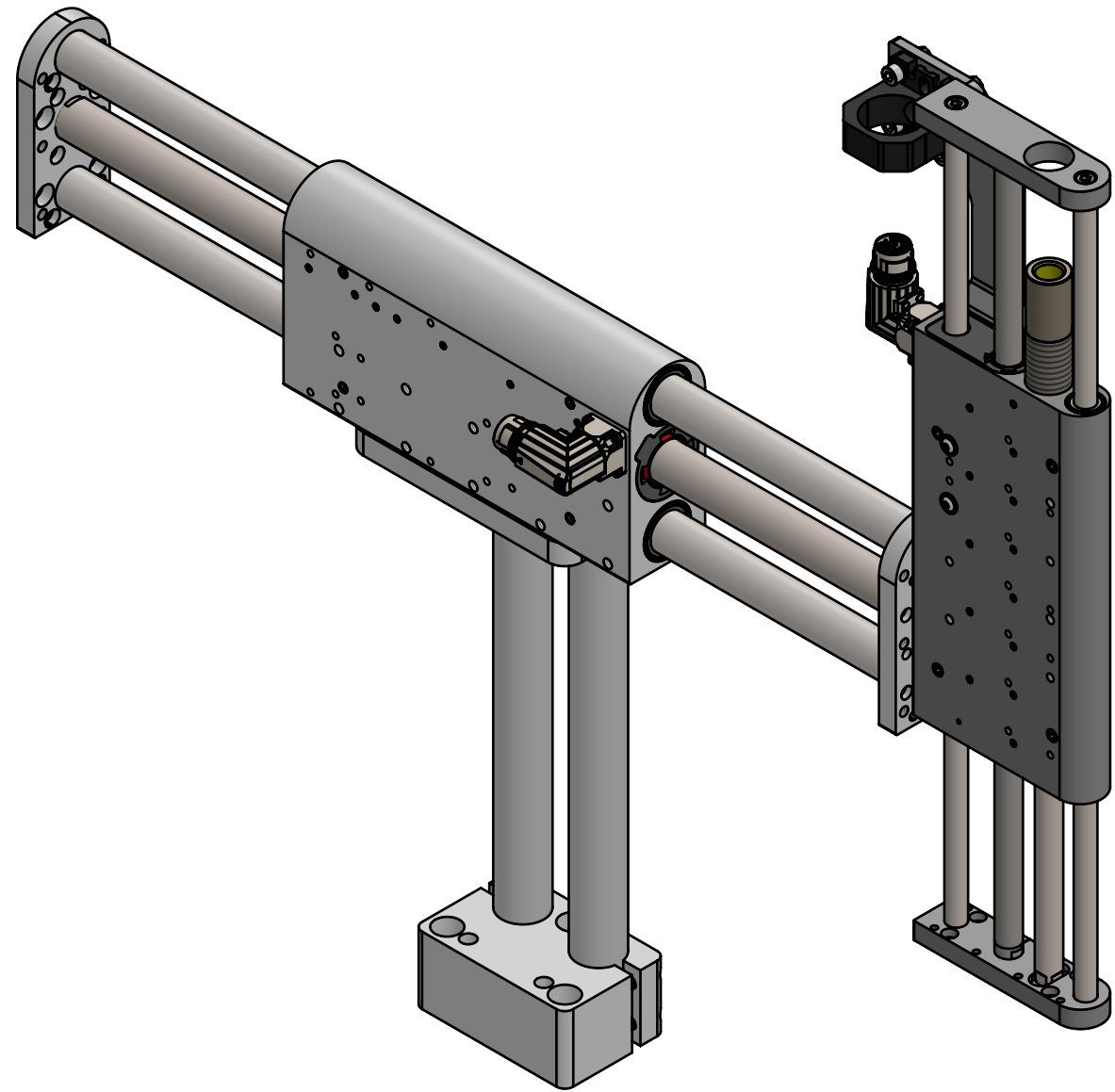
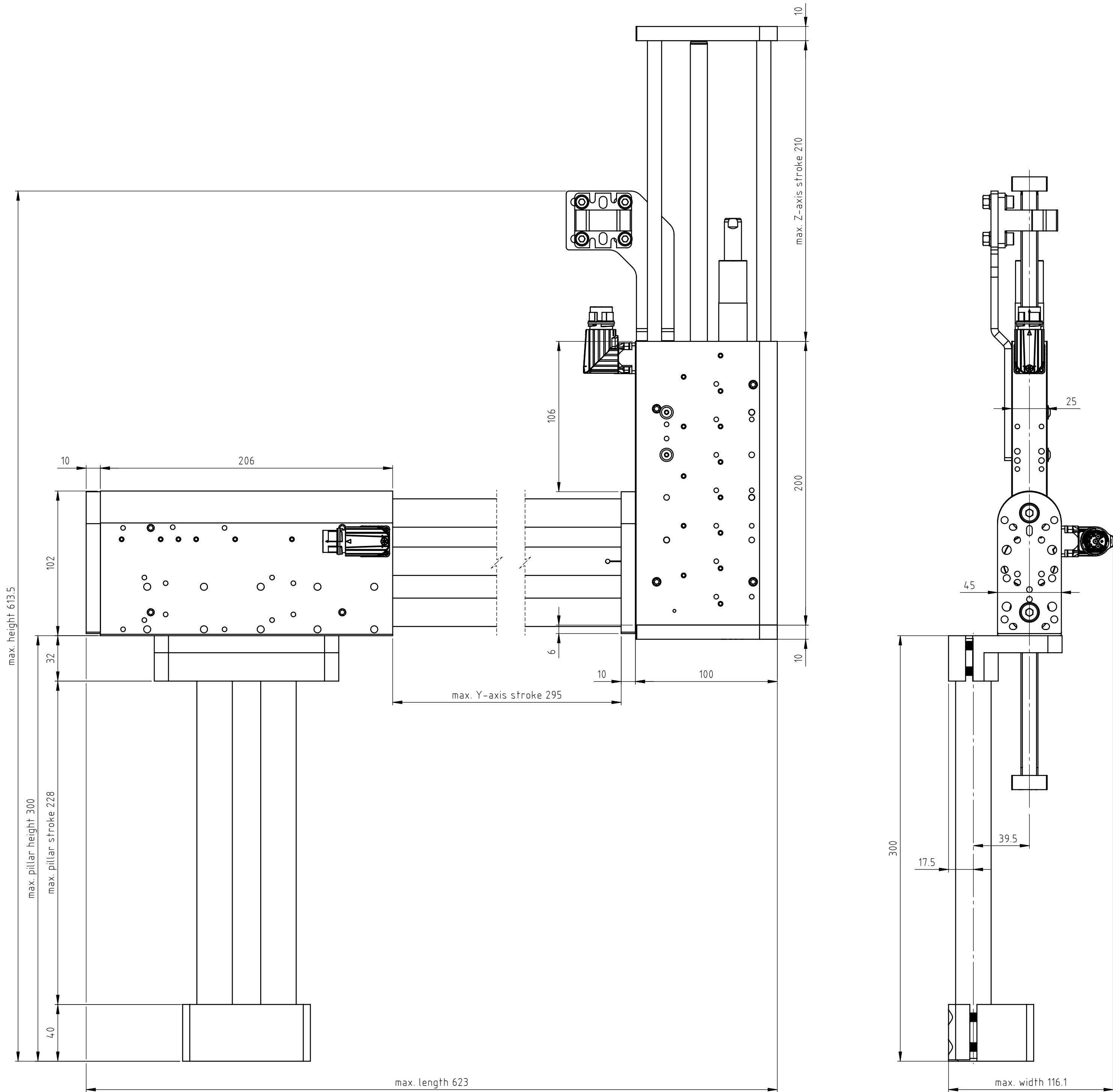
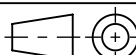


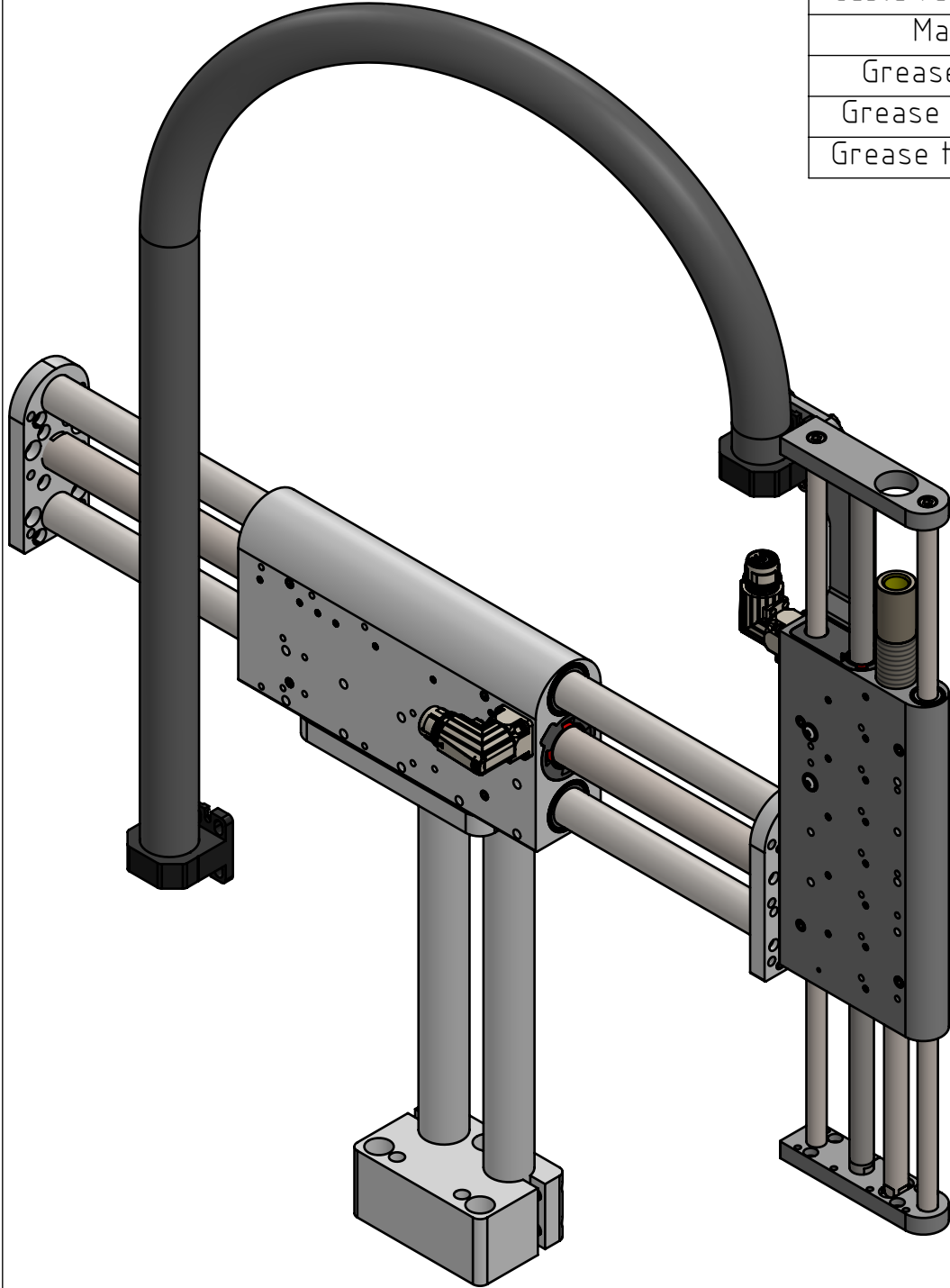
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	A	Document created	12.02.2026	JB	FH
	Rev.	Change	Date	Author	Appr.

General tolerance DIN ISO 2768 - mK	Created by J.-E. Beekhuis	Status 12.02.2026/jb	Material		
LinMot®	File name 0380-0140_PP03_295-37x120F_210-23x160H-MS11_MT02_TC01	☐ Safety Rel.		Weight (g)	
		☐ UL-Rel.			
	Title, additional title PP03_295-37x120F_ 210-23x160H-MS11_MT02_TC01		Document type Assembly drawing		
	Pick&Place / DM01-37x120 & DM03-23x160		Drawing number / Index 0380-0140A		
NTI AG LinMot & MagSpring Bodenaeckerstrasse 2 CH-8957 Spreitenbach	Art.No.: 0300-0036		Scale 1:2		Sheet 1 / 3
Template type: SW2020 Version: V1-1 SW_A2_hori_Sheet_format_V1-1					A2

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Stage type	PP03_295-37x120F_210-23x160H-MS11_MT02_TC01	
Motor type	Horizontal: 0150-4015 DM01-37x120F-HP-R-295	Vertical: 0150-6190 DM03-23x160H-XP-R-210_CS10_MS11
Stroke	295	210
Max. Force@48VDC [N]	255	137
Max. Force@72VDC [N]	255	137
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	4.9
Max. Velocity@72VDC [m/s]	3.8	7.3
Deviation	see datasheet	see datasheet
Moving mass [kg]	2.678	1.180
Module mass [kg]	4.658	2.620
Pillar mass [kg]	3.200	
Cable weight [kg/km]	83.0	
Cable tube weight [kg/m]	0.084	
Max. payload	see datasheet	see datasheet
Grease type - Motor	0150-1954 / 0150-1955 LU02	
Grease type - Bearings	0260-0061 SKF LGFP 2	
Grease type - MagSpring	0150-1954 / 0150-1955 LU02	

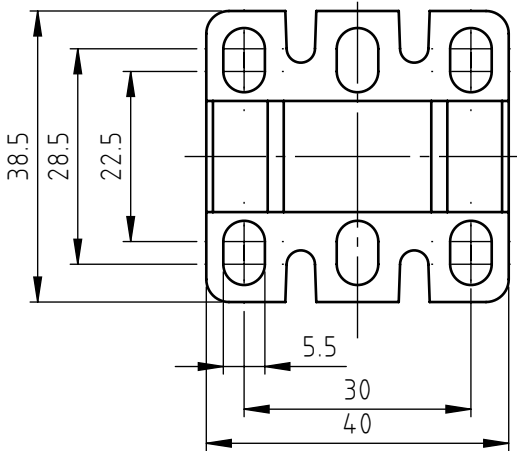
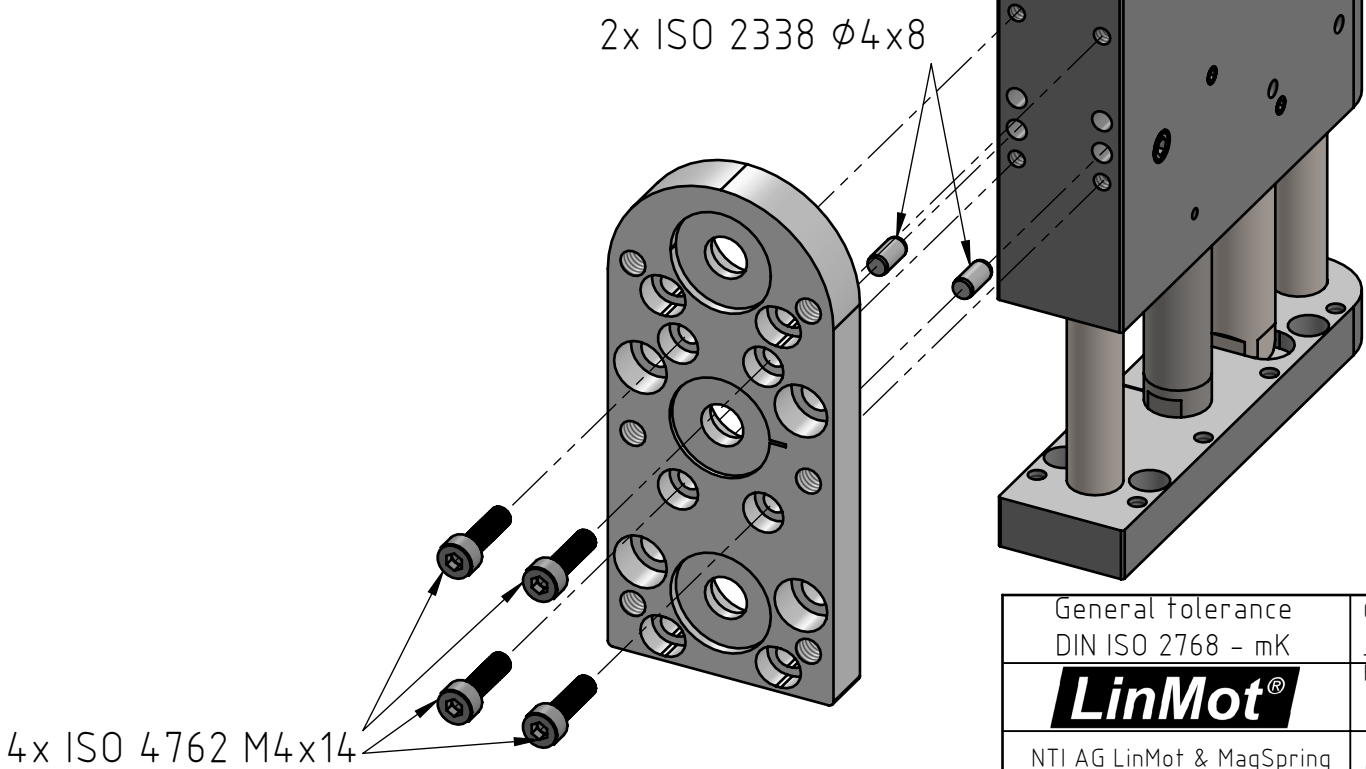
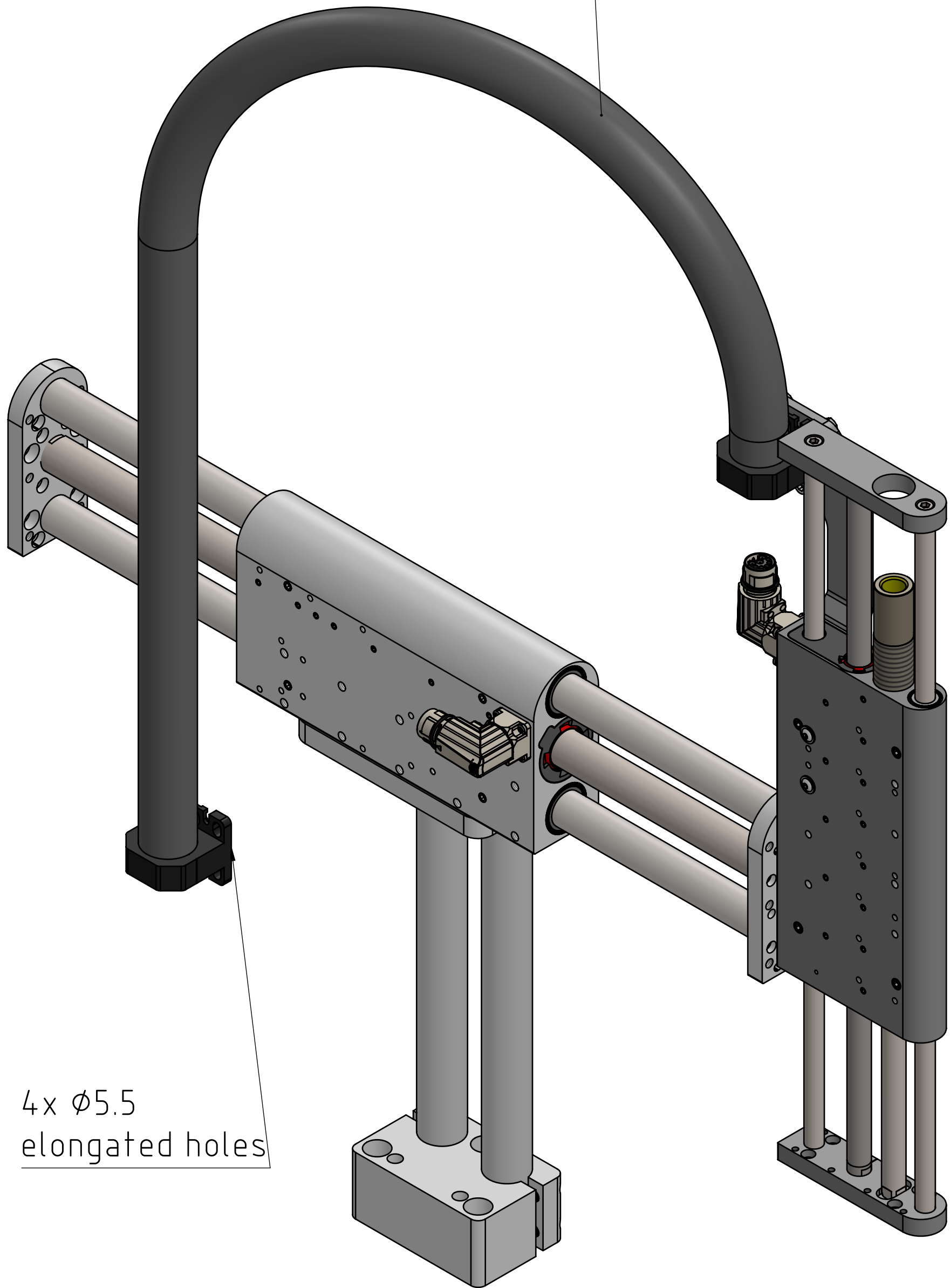
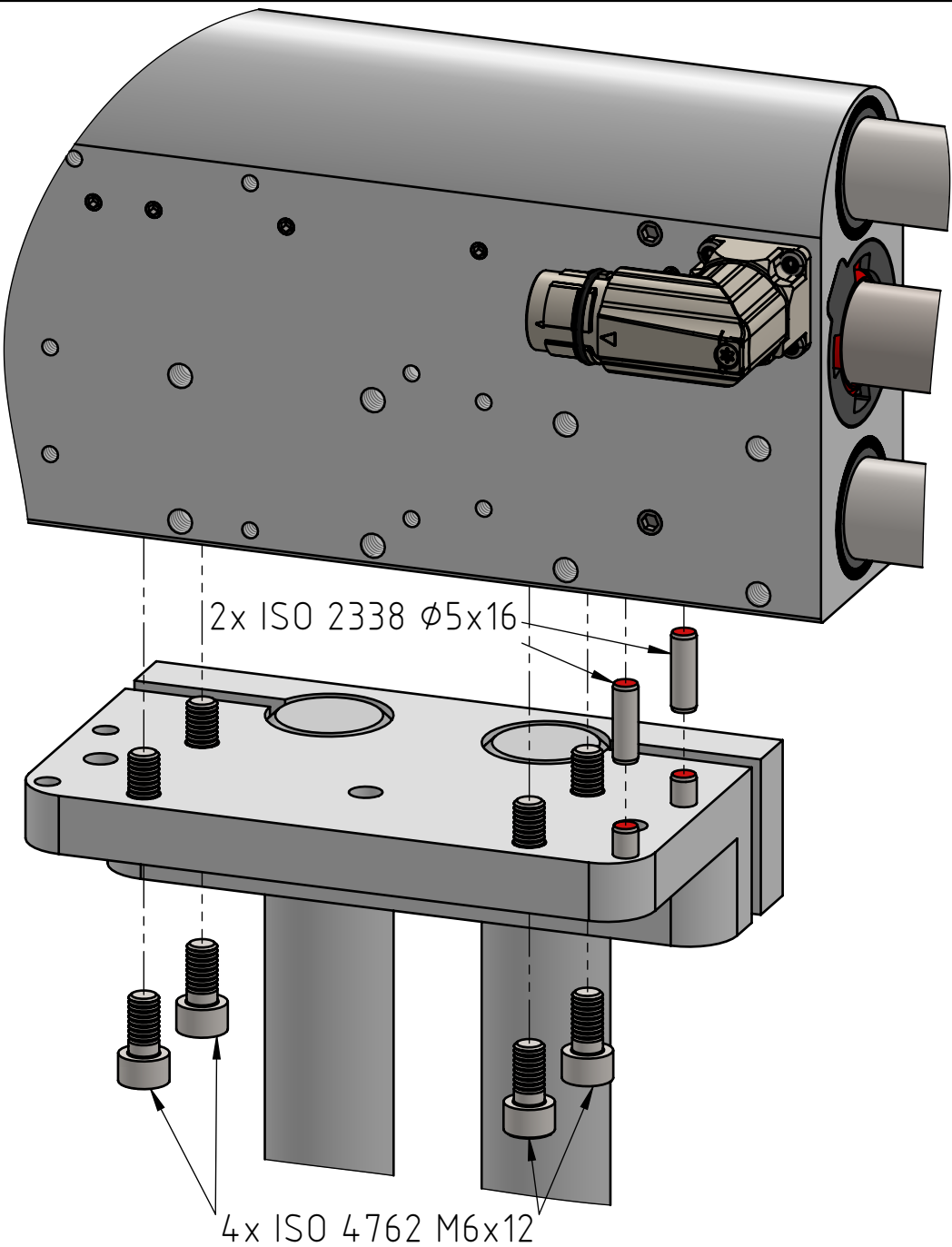
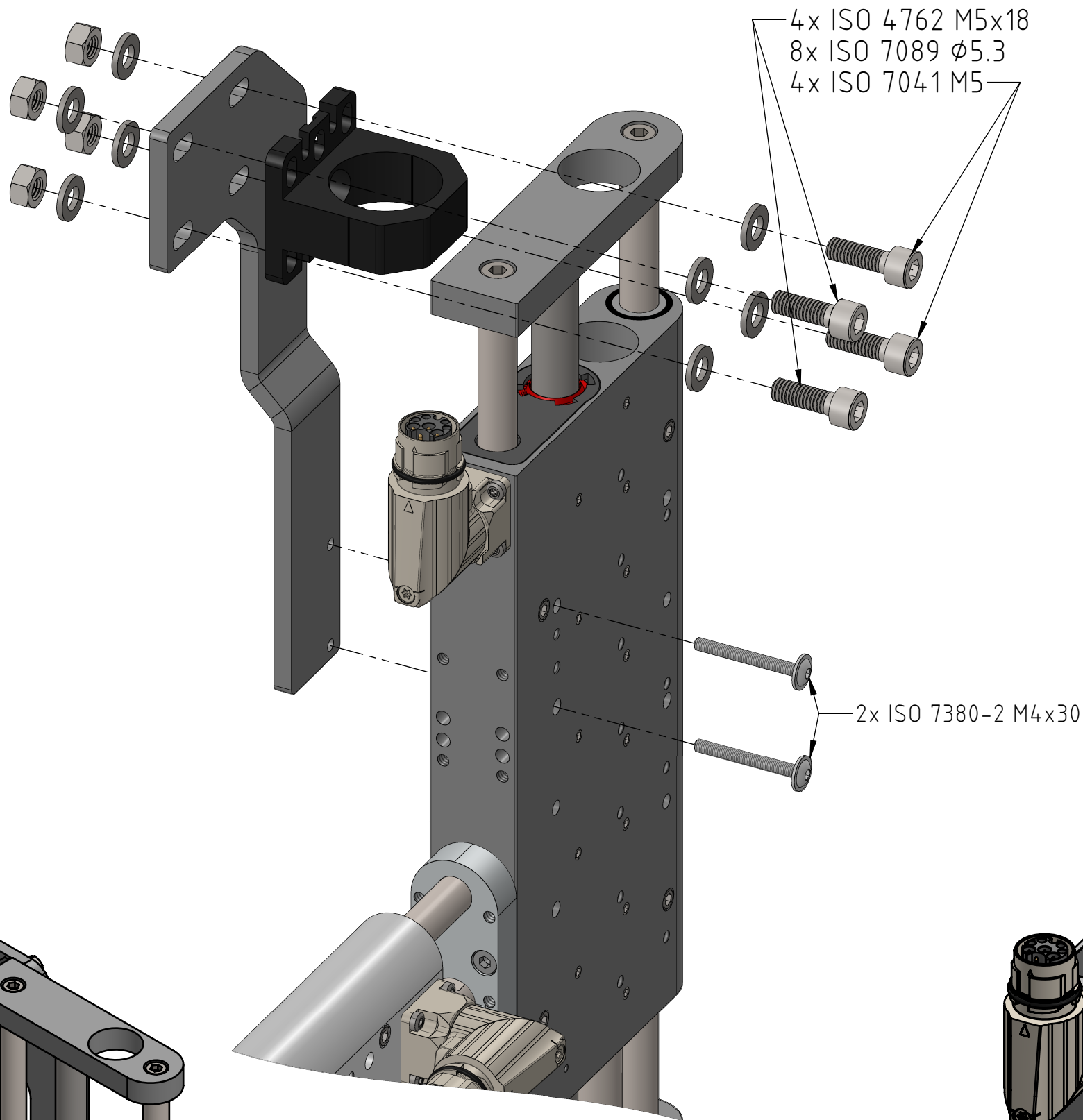
Accessories		
Stage type	PP03_295-37x120F_210-23x160H-MS11_MT02_TC01	
Motor type	Horizontal: 0150-4015 DM01-37x120F-HP-R-295	Vertical: 0150-6190 DM03-23x160H-XP-R-210_CS10_MS11
Safety	Available: not chosen	Not available
Clean room	Available: not chosen	Not available
External sensor	Available: not chosen	Not available
Cover	Not available	Not available
Cable guide	Chosen: 0150-6704 PP03_TC01	
Pillar system	Chosen: 0150-6831 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	0380-0140_PP03_295-37x120F_210-23x160H-MS11_MT02_TC01		☐ Safety Rel.	Weight (g)
			☐ UL-Rel.	
	Title, additional title PP03_295-37x120F_ 210-23x160H-MS11_MT02_TC01 Pick&Place / DM01-37x120 & DM03-23x160 Art.No.: 0300-0036		Document type Assembly drawing Drawing number / Index 0380-0140A	
Template type: SW2020 Version: V1-1 SW_A3_hori_Sheet_format_V1-1	Scale 3:10		Sheet 2 / 3	A3

TC01: 1m cable tube
45mm minimum bending radius, static

4x $\phi 5.5$
elongated holes



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LinMot®	File name 0380-0140_PP03_295-37x120F_210-23x160H-MS11_MT02_TC01	Title, additional title PP03_295-37x120F_210-23x160H-MS11_MT02_TC01	☐ Safety Rel. Weight (g) ☐ UL-Rel.
NTI AG LinMot & MagSpring Bodenaeckerstrasse 2 CH-8957 Spreitenbach	Template type: SW2020 Version: V1-1 SW_A2_hori_Sheet_format_V1-1	Pick&Place / DM01-37x120 & DM03-23x160 Art.No: 0300-0036	Document type Assembly drawing Drawing number / Index 0380-0140A
Scale 3:5		Sheet 3 / 3	A2