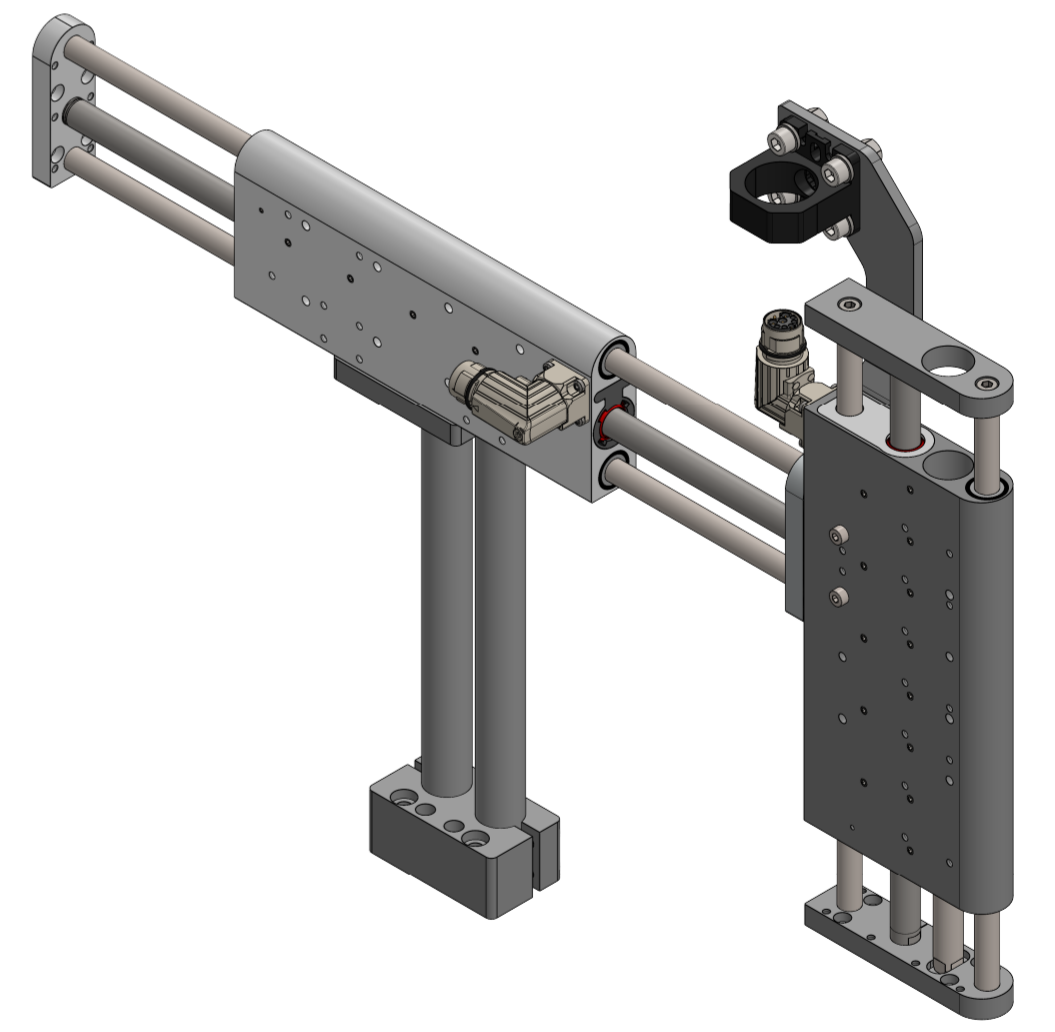
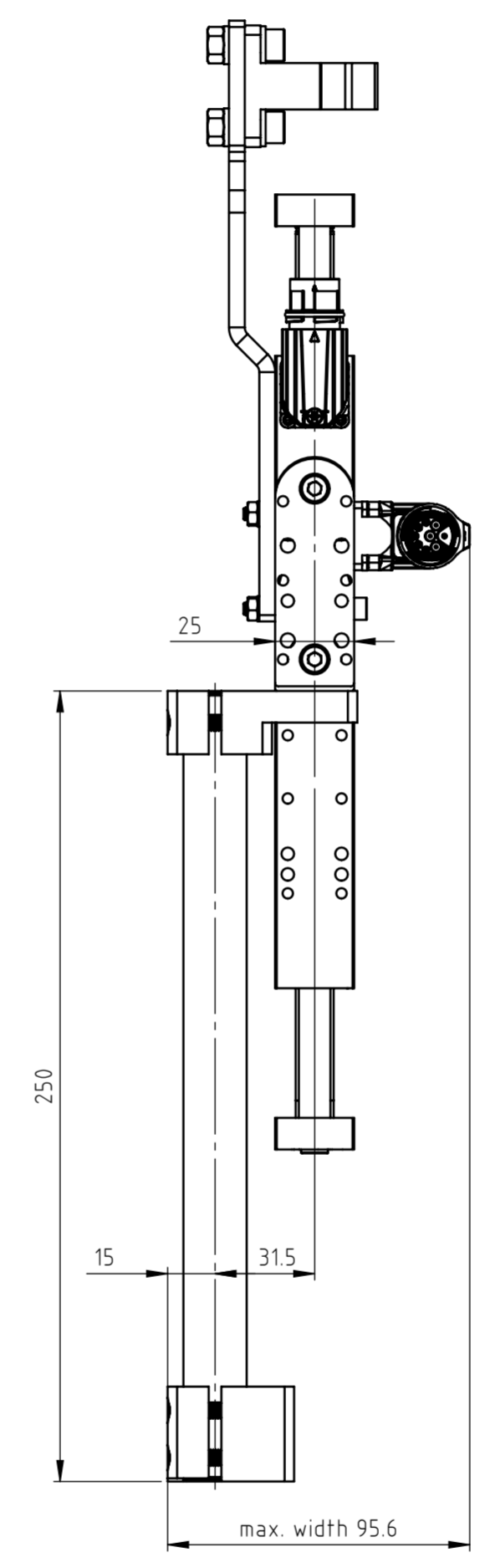
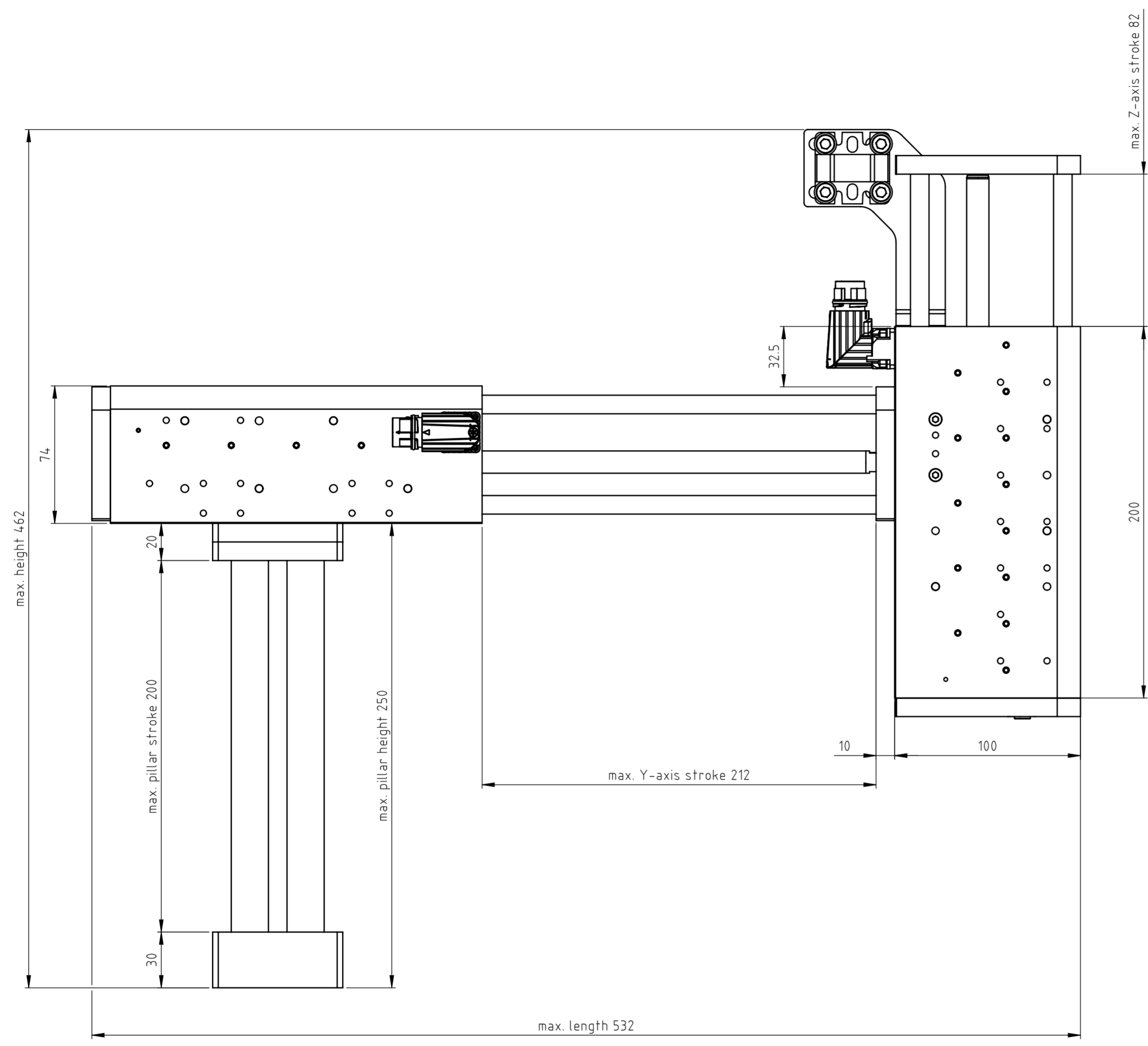


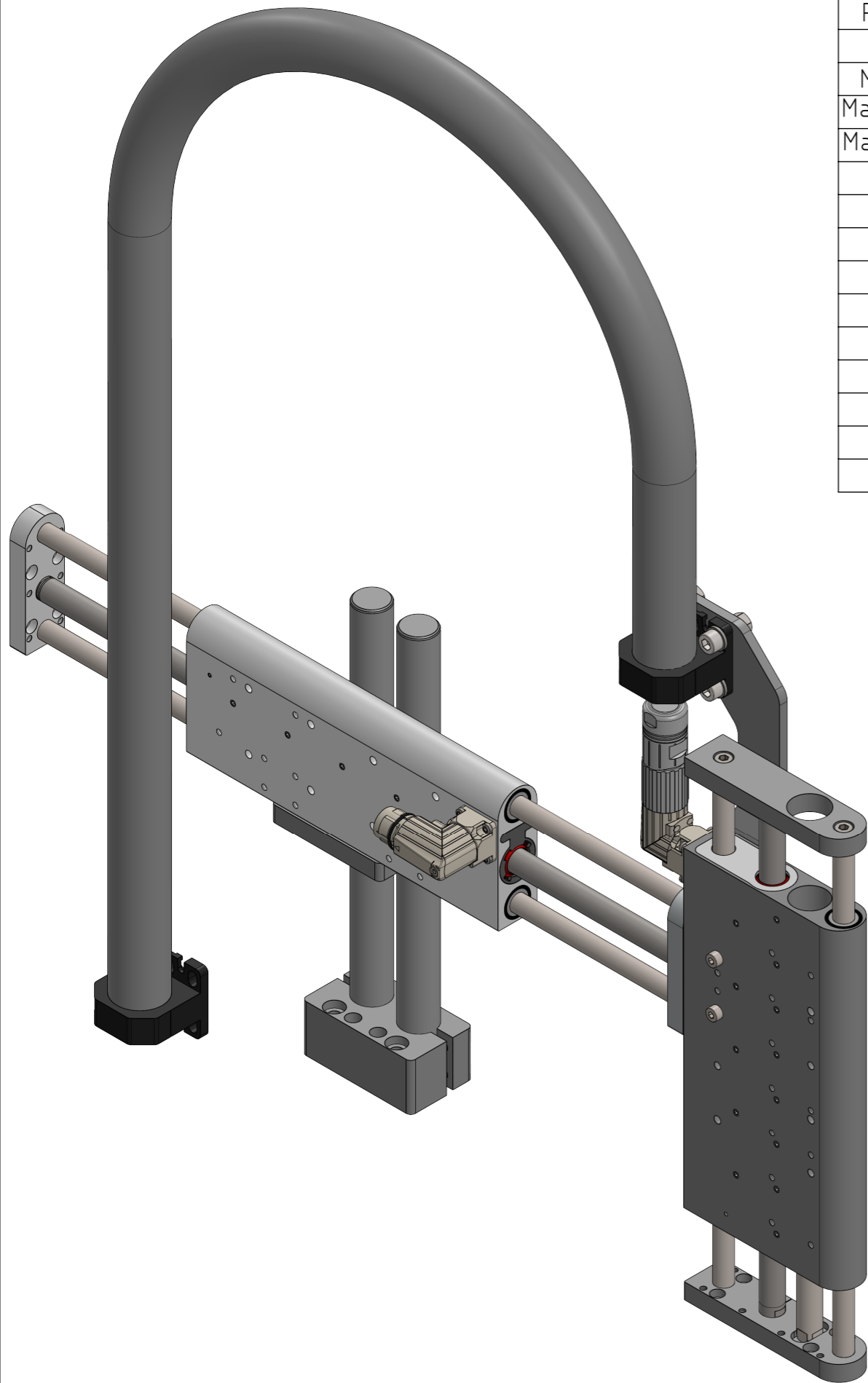
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Rev.	Change	Date	Author	Appr.

General tolerance DIN ISO 2768 - mK	Created by J.-E. Beekhuis	Status 13.12.2024 / jb	Material
<b>LinMot®</b>	File name 0380-0003_PP_DM01-210-MT08_DM03-80-MT08-MS11_PS01_TC01	<input type="checkbox"/> Safety Rel. <input type="checkbox"/> UL-Rel.	Weight (g)
NTI AG LinMot & MagSpring Bodenaeckerstrasse 2 CH-8957 Spreitenbach	Title, additional title PP_DM01-210-MT08_ DM03-80-MT08-MS11_PS01_TC01	Document type Assembly drawing	
Template type: SW2020 Version: V1-1 SW_A2_hori_Sheet_format_V1-1	Pick&Place / DM01-23 & DM03-23	Drawing number / Index 0380-0003A	
	Art.No.: 0300-0003	Scale 1:2	Sheet 1 / 3

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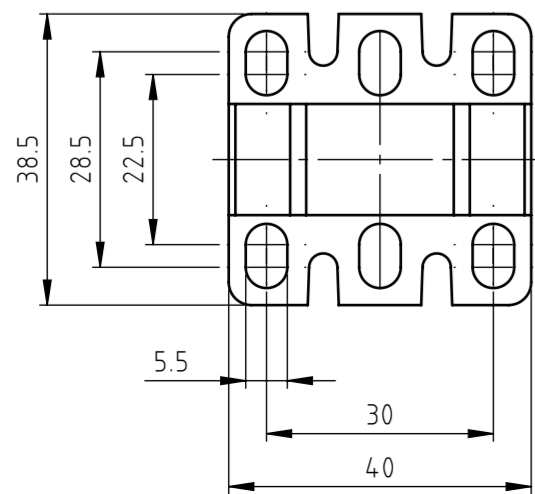
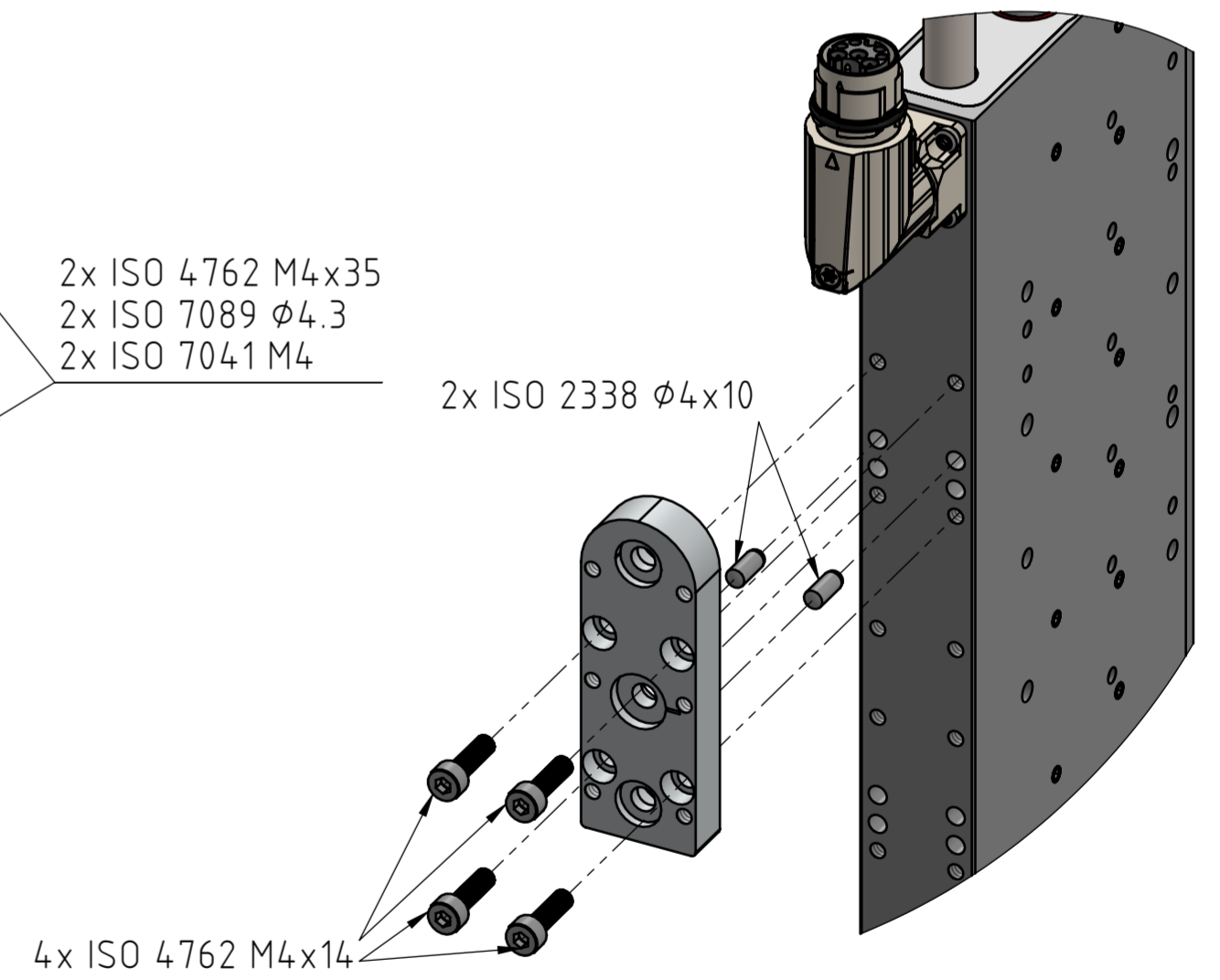
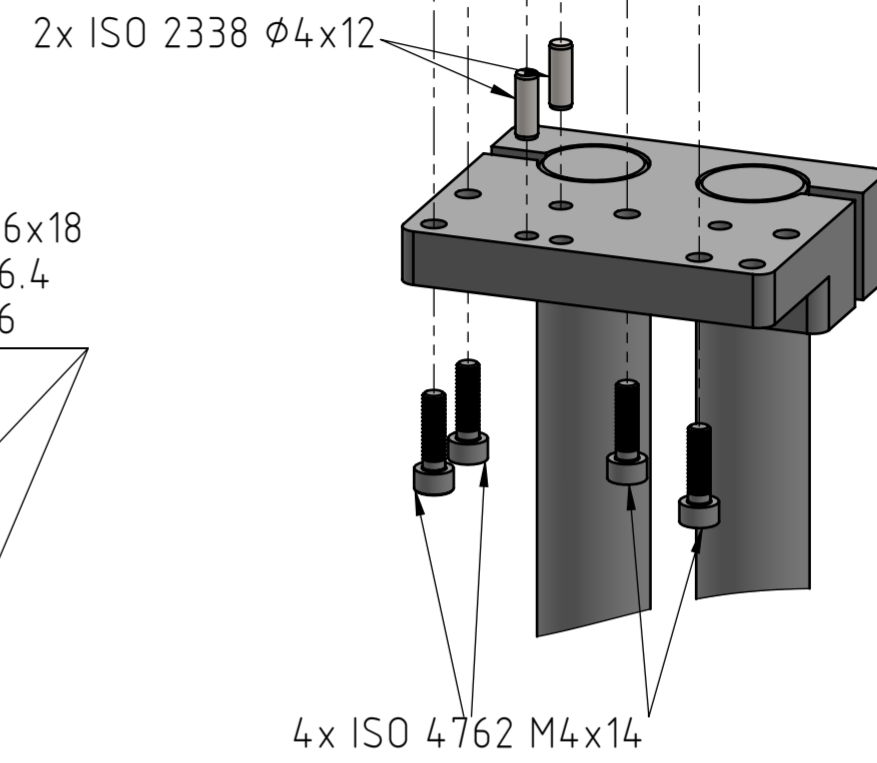
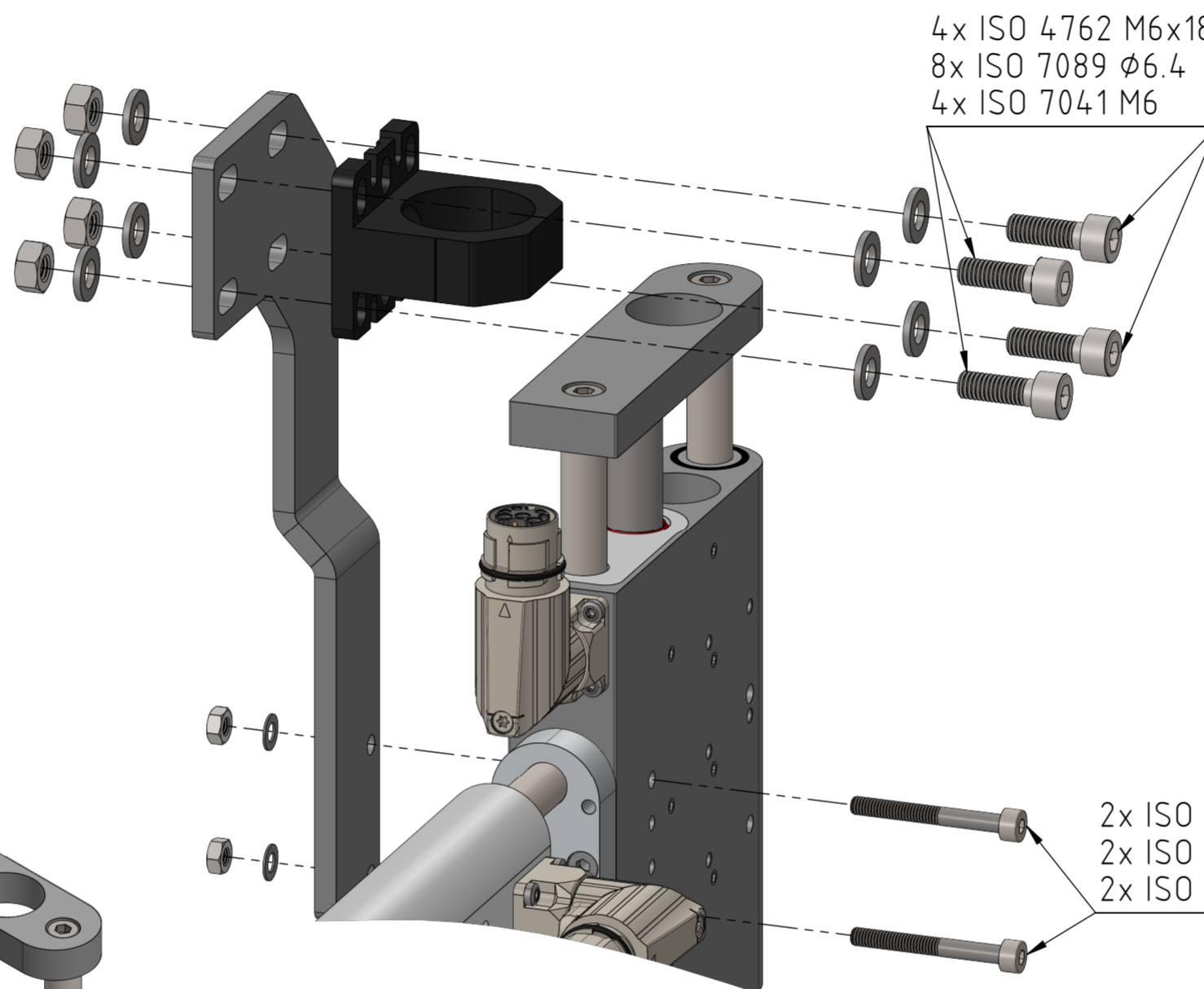
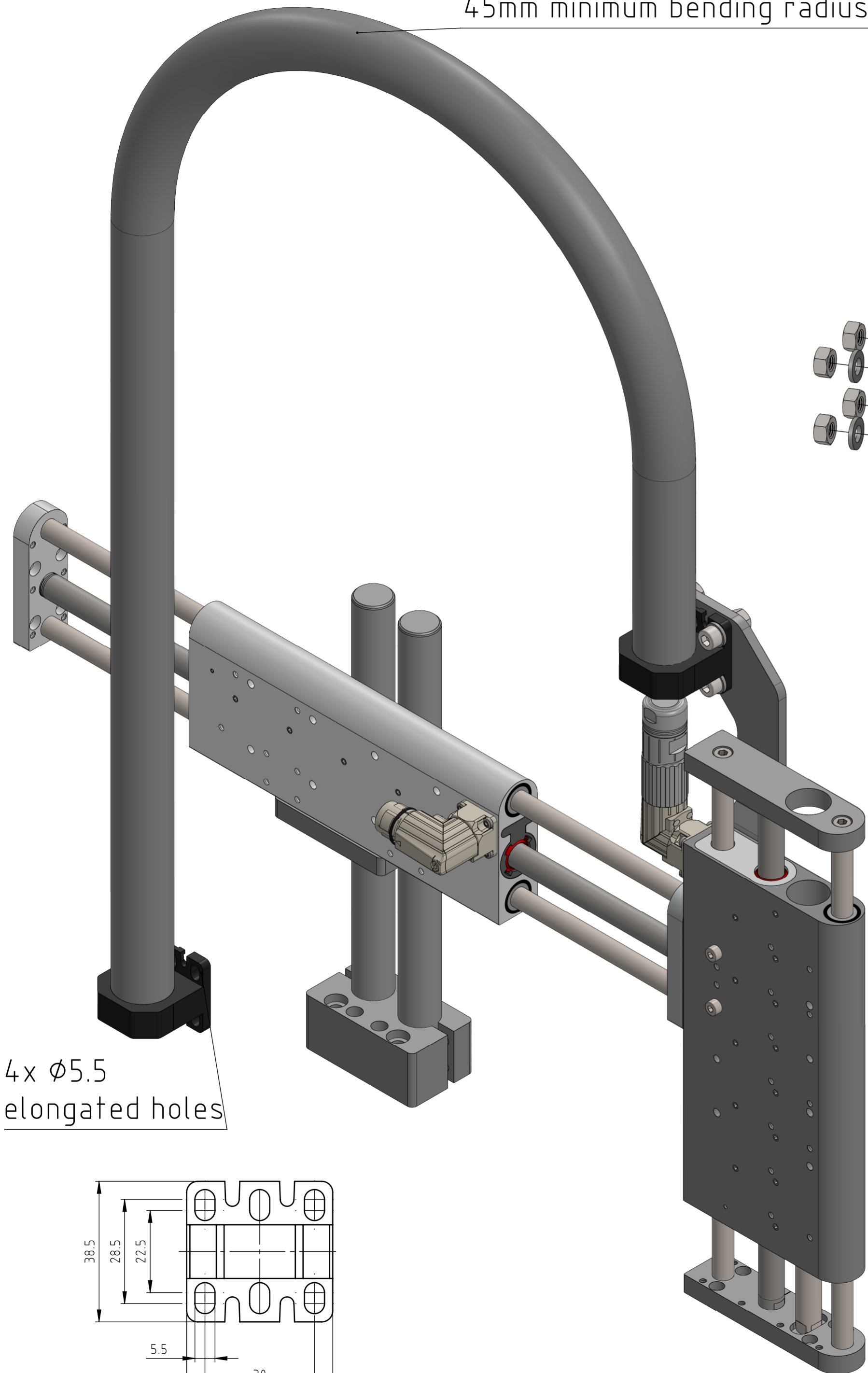
Stage type	PP_DM01-210-MT08_DM03-80-MT08-MS11_PS01_TC01	
Motor type	Horizontal: DM01-23x160H-XP-R-210	Vertical: DM03-23x160H-XP-R-80_CS10_MS11
Stroke	210	80
Max. Force@48VDC [N]	137	137
Max. Force@72VDC [N]	137	137
Position resolution [mm]	0.002	0.002
Repeatability [mm]	±0.05	±0.05
Max. acceleration [m/s <sup>2</sup> ]	< 50	< 50
Max. Velocity@48VDC [m/s]	4.9	4.9
Max. Velocity@72VDC [m/s]	7.3	7.3
Deviation	see datasheet	see datasheet
Moving part	Hardened steel, hard chrome-plated	Hardened steel, hard chrome-plated
Moving mass [kg]	0.940	0.940
Static part	Anodized aluminum	Anodized aluminum
Static mass [kg]	0.960	1.155
Max. payload	see datasheet	see datasheet
Stage mass [kg]	5.70	
Grease type	SKF LGFP 2	SKF LGFP 2
Drive architecture	Horizontal: Single	Vertical: Single
Recommended drive	C1200	C1200

Accessories		
Stage type	PP_DM01-210-MT08_DM03-80-MT08-MS11_PS01_TC01	
Motor type	Horizontal: DM01-23x160H-XP-R-210	Vertical: DM03-23x160H-XP-R-80_CS10_MS11
Safety	Not available	Not available
Clean room	Available: not chosen	Not available
External sensor	Not available	Not available
Cover	Not available	Not available
Cable guide	Chosen: TC01	Chosen: TC01
Pillar system	0150-6388 Z01-SB-20x2 0150-6386 Z01-SL-20x250 0150-6387 Z01-SA-20x2	Not available
Force sensor	Available: not chosen	To be released
Fan Kit	Not available	Not available

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<b>LinMot®</b>	0380-0003_PP_DM01-210-MT08_DM03-80-MT08-MS11_PS01_TC01		<input type="checkbox"/> Safety Rel. Weight (g) <input type="checkbox"/> UL-Rel.
NTI AG LinMot & MagSpring Bodenaeckerstrasse 2 CH-8957 Spreitenbach	Title, additional title PP_DM01-210-MT08_ DM03-80-MT08-MS11_PS01_TC01		Document type Assembly drawing
Template type: SW2020 Version: V1-1 SW_A3_hori_Sheet_format_V1-1	Pick&Place / DM01-23 & DM03-23 Art.No.: 0300-0003		Drawing number / Index 0380-0003A
	Scale 2:5		Sheet 2 / 3 A3

2m cable conduit  
45mm minimum bending radius, static



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<b>LinMot®</b>	File name 0380-0003_PP_DM01-210-MT08_DM03-80-MT08-MS11_PS01_TC01	<input type="checkbox"/> Safety Rel. Weight (g) <input type="checkbox"/> UL-Rel.	
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Template type: SW2020 Version: V1-1 SW_A2_hori_Sheet_format_V1-1	Art.No.: 0300-0003	Scale 3:5	Sheet 3 / 3 A2

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