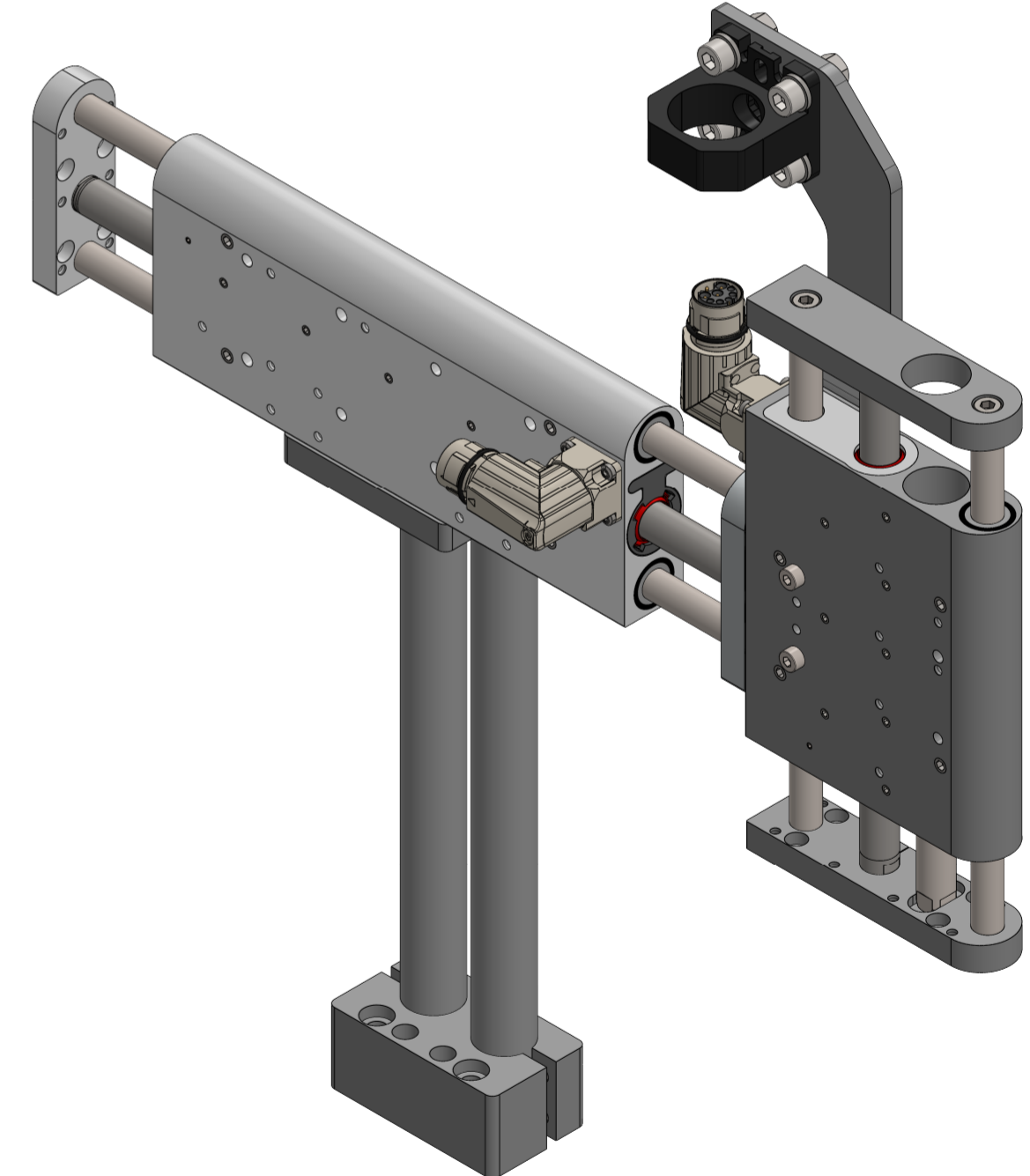
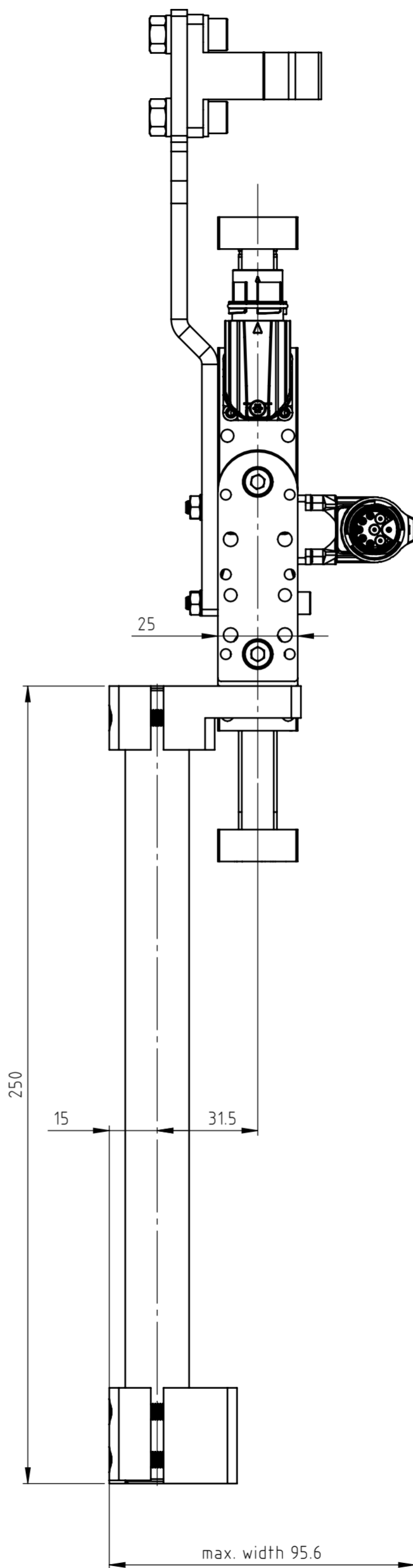
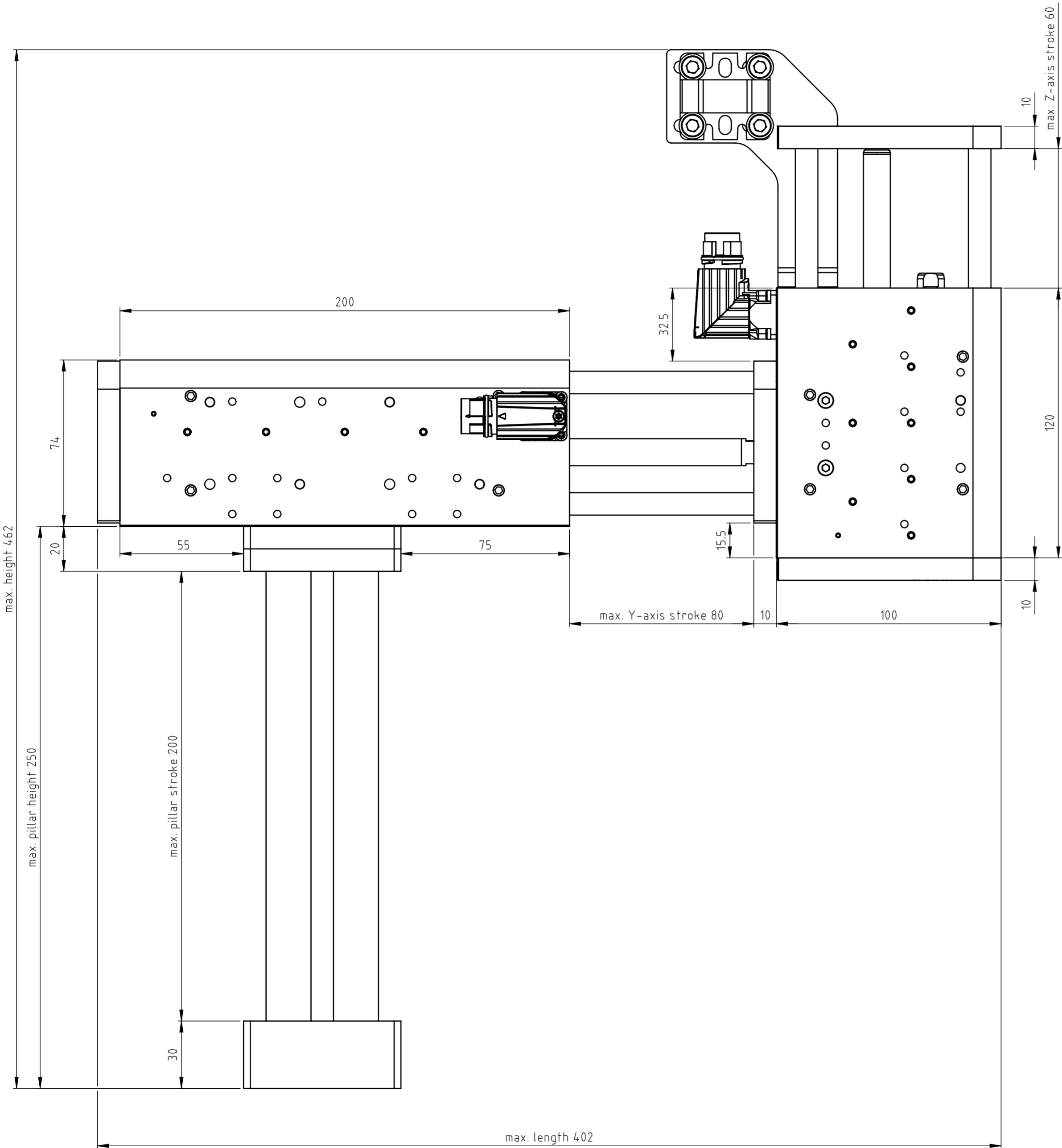


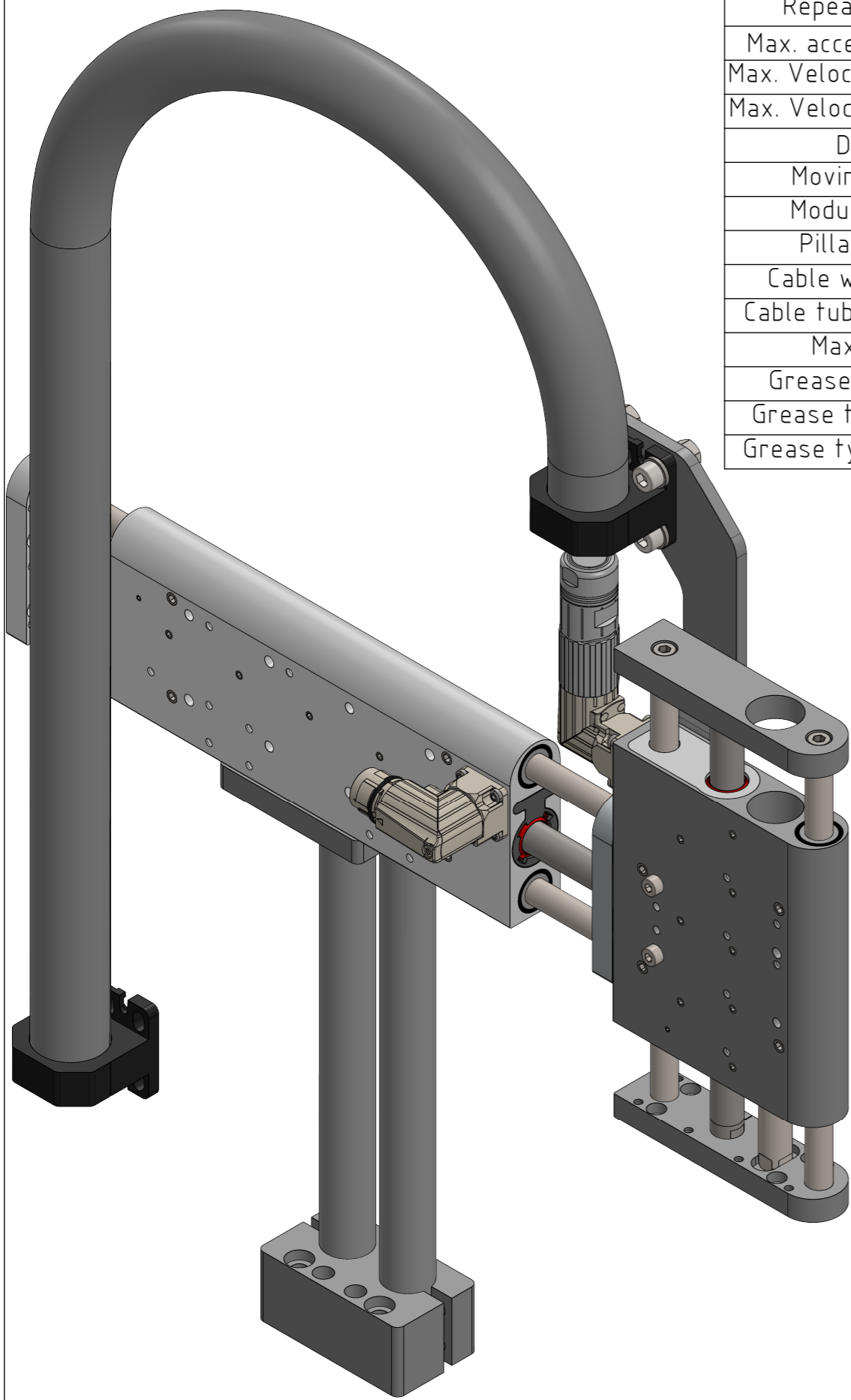
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A	Document created	13.11.2024	JB FH
Rev.	Change	Date	Author Appr.

General tolerance DIN ISO 2768 - mK	Created by J.-E. Beekhuis	Status 05.02.2025/jb	Material
LinMot®	File name 0380-0002_PP03_80-23x160F_60-23x80F-MS11_PS01_TC01	<input type="checkbox"/> Safety Rel.	Weight (g)
NTI AG LinMot & MagSpring Bodenaeckerstrasse 2 CH-8957 Spreitenbach	Title, additional title PP03_80-23x160F_ 60-23x80F-MS11_PS01_TC01 Pick&Place / DM01-23 & DM03-23	<input type="checkbox"/> UL-Rel.	Document type Assembly drawing
Template type: SW2020 Version: V1-1 SW_A2_hori_Sheet_format_V1-1	Art.No.: 0300-0002	Scale 2:3	Drawing number / Index 0380-0002A Sheet 1 / 3 A2

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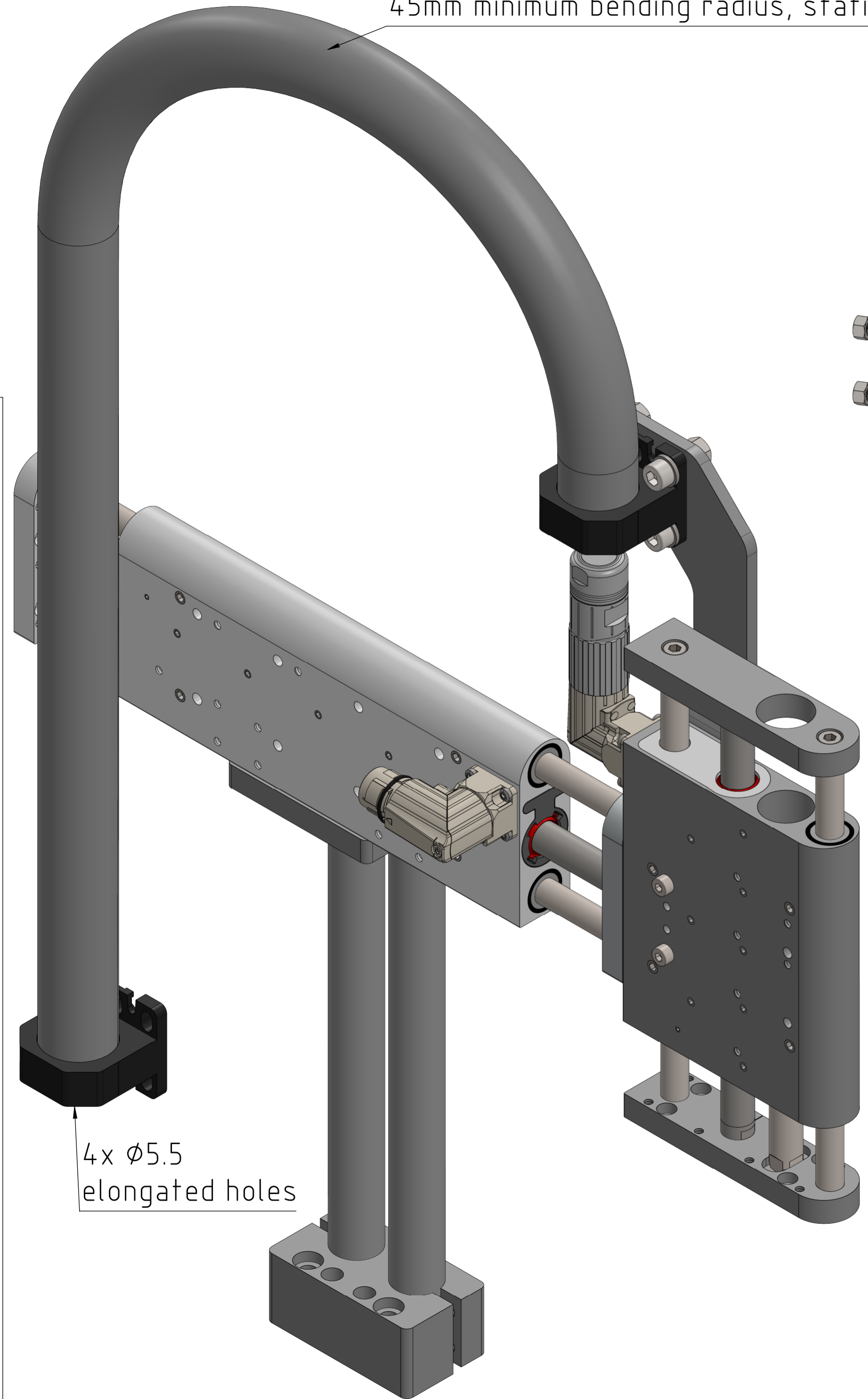
Stage type	PP03_80-23x160F_60-23x80F-MS11_PS01_TC01	
Motor type	Horizontal: 0150-6112 DM01-23x160H-XP-R-80	Vertical: 0150-6019 DM03-23x80F-XP-R-60_CS10_MS11
Stroke	80	60
Max. Force@48VDC [N]	137	73
Max. Force@72VDC [N]	137	73
Position resolution [mm]	0.002	0.002
Repeatability [mm]	±0.05	±0.05
Max. acceleration [m/s ²]	< 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 mass [kg]	0.670	0.580
Module mass [kg]	1.640	1.400
Pillar mass [kg]	1.530	
Cable weight [kg/km]	83.0	
Cable tube weight [kg/m]	0.084	
Max. payload	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_80-23x160F_60-23x80F-MS11_PS01_TC01	
Motor type	Horizontal: 0150-6112 DM01-23x160H-XP-R-80	Vertical: 0150-6019 DM03-23x80F-XP-R-60_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	Available: not chosen
Fan Kit	Not available	Not available

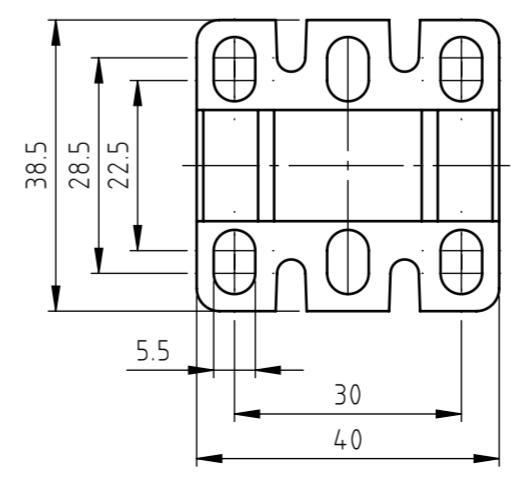
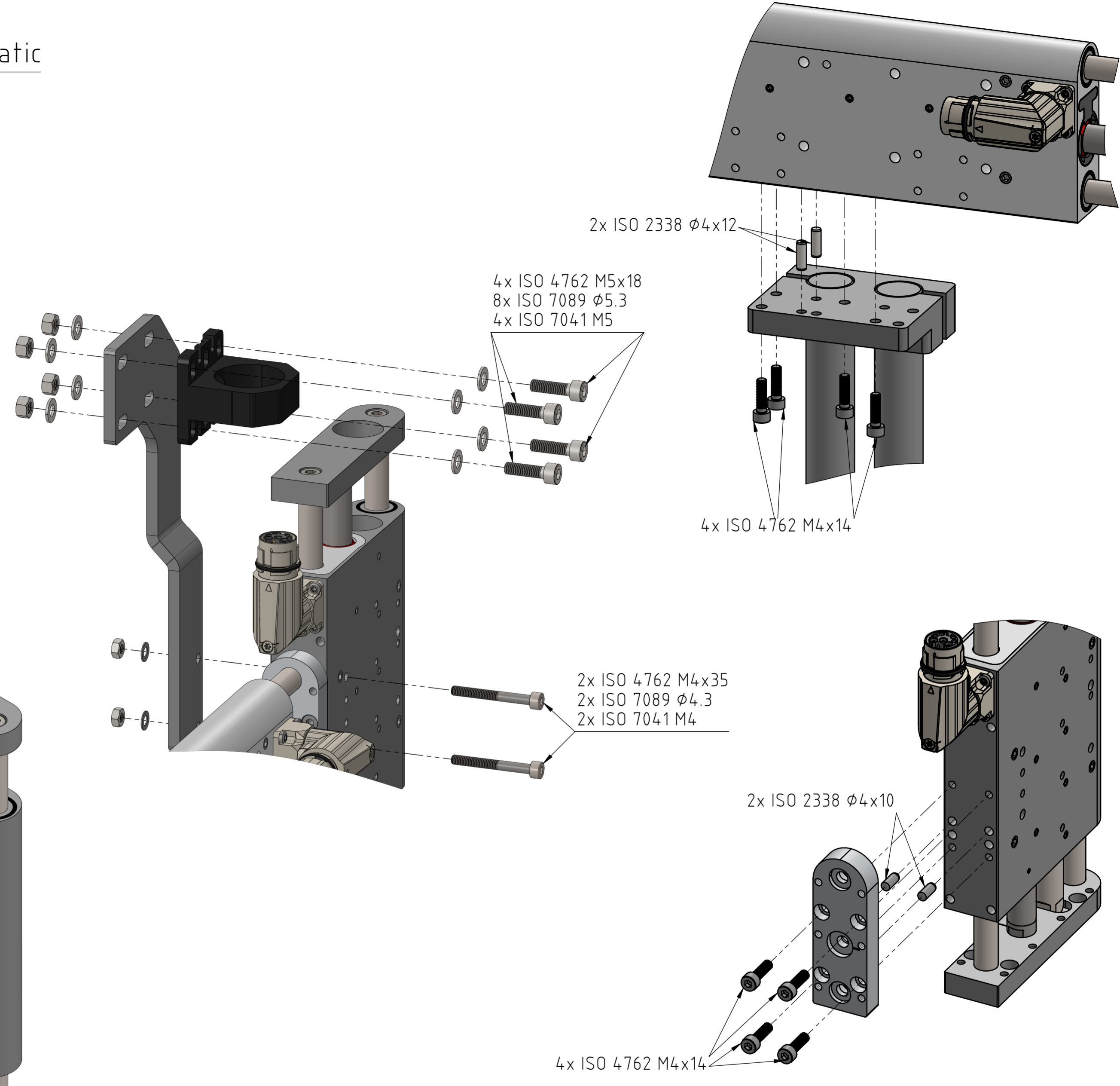
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General tolerance DIN ISO 2768 - mK	Created by J.-E. Beekhuis	Status 05.02.2025/jb	Material
LinMot®	0380-0002_PP03_80-23x160F_60-23x80F-MS11_PS01_TC01		<input type="checkbox"/> Safety Rel. Weight (g) <input type="checkbox"/> UL-Rel.
NTI AG LinMot & MagSpring Bodenaeckerstrasse 2 CH-8957 Spreitenbach	Title, additional title PP03_80-23x160F_ 60-23x80F-MS11_PS01_TC01 Pick&Place / DM01-23 & DM03-23 Art.No.: 0300-0002		Document type Assembly drawing Drawing number / Index 0380-0002A
Template type: SW2020 Version: V1-1 SW_A3_hori_Sheet_format_V1-1	Scale 1:2		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 0380-0002_PP03_80-23x160F_60-23x80F-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 PP03_80-23x160F_60-23x80F-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 Art.No.: 0300-0002	Scale 4:5	Drawing number / Index 0380-0002A Sheet 3 / 3 A2

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