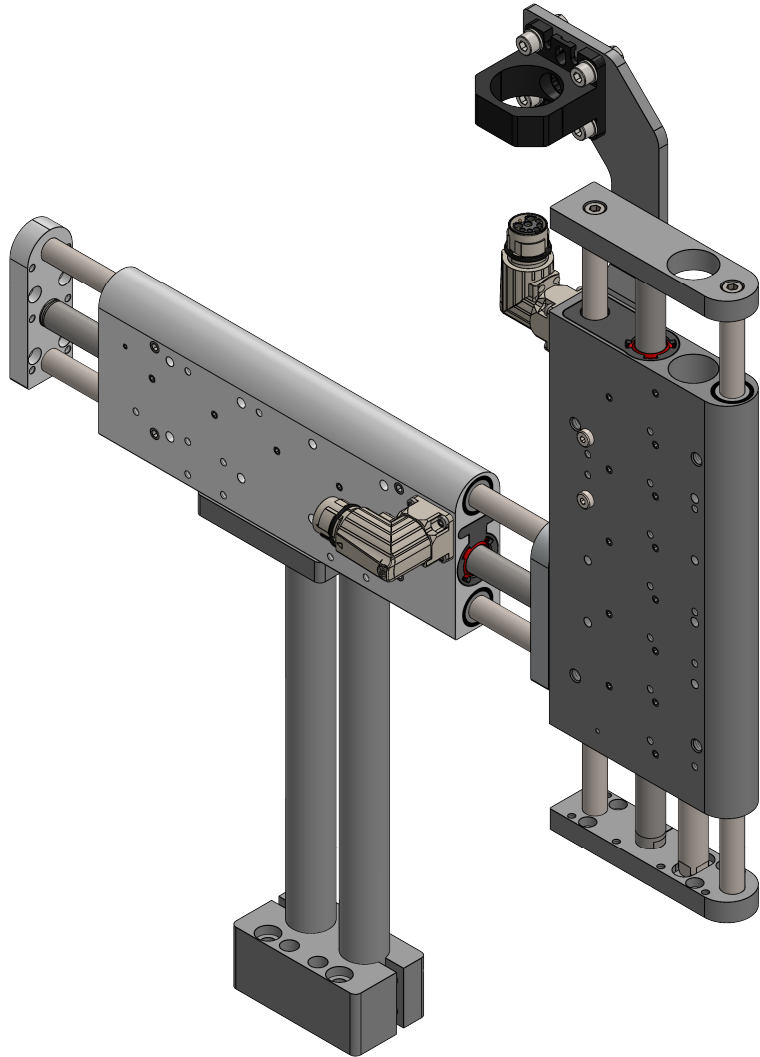
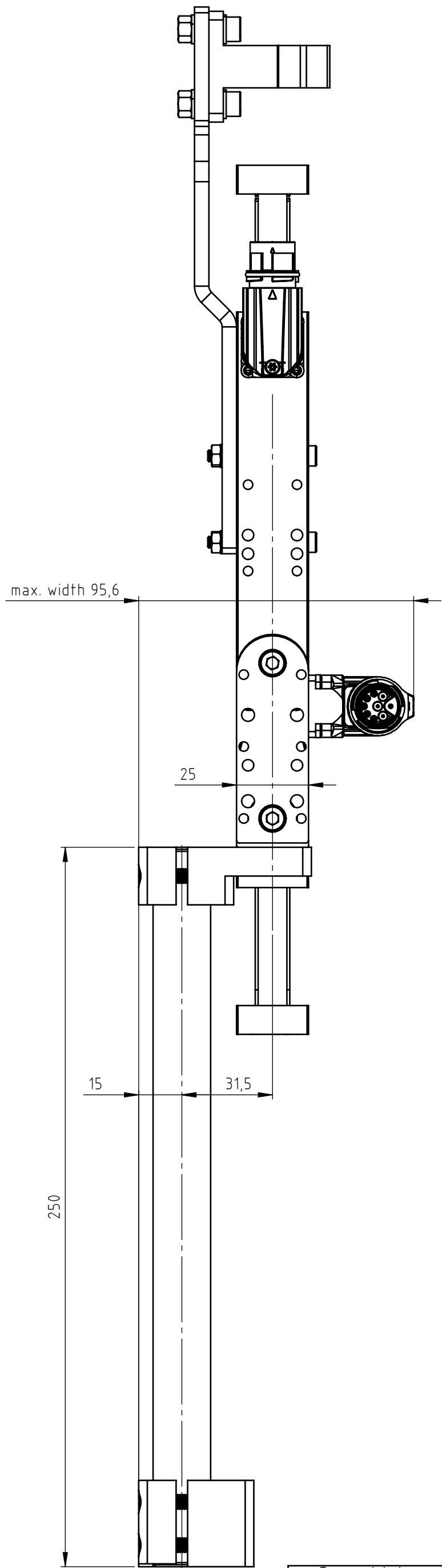
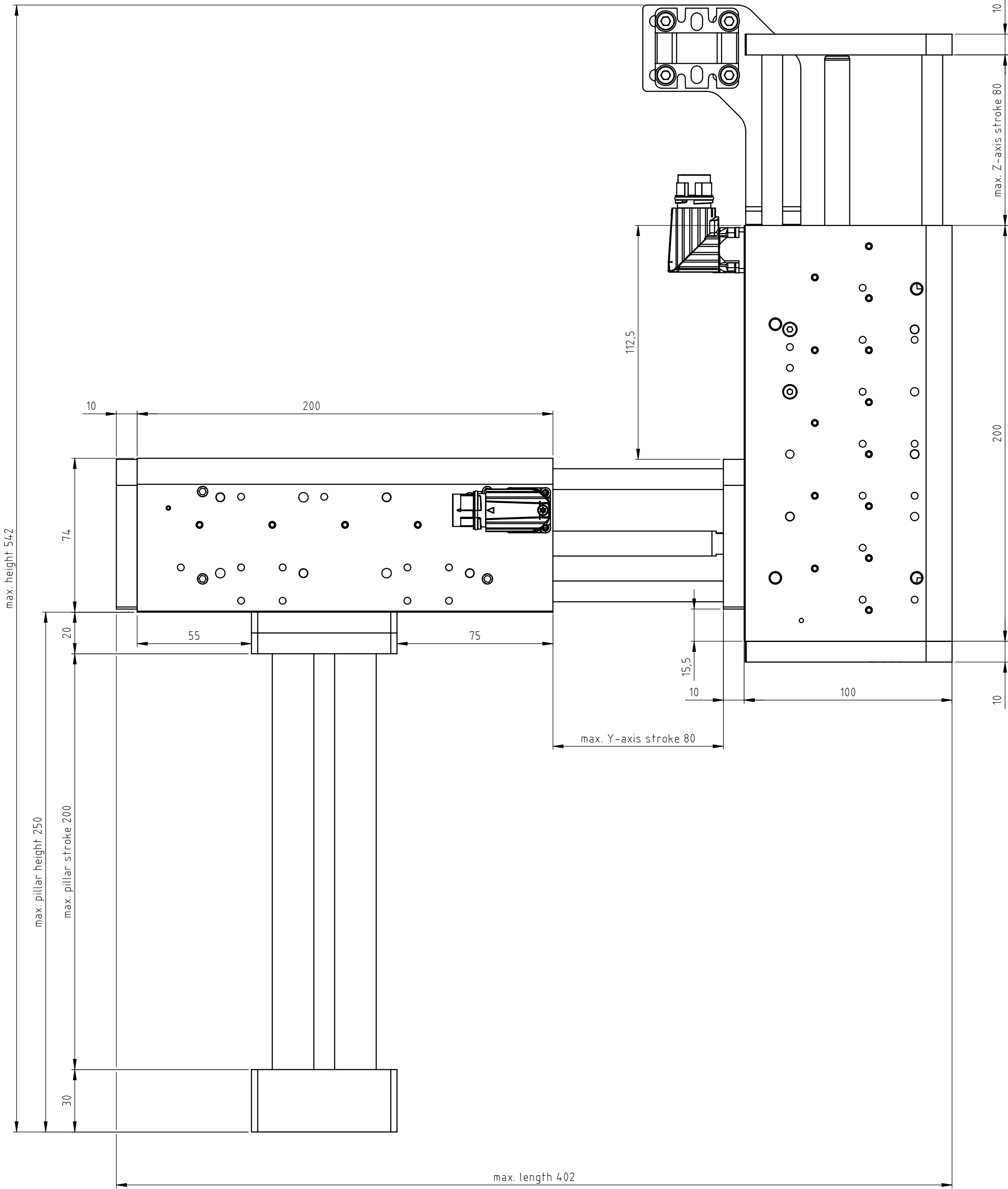
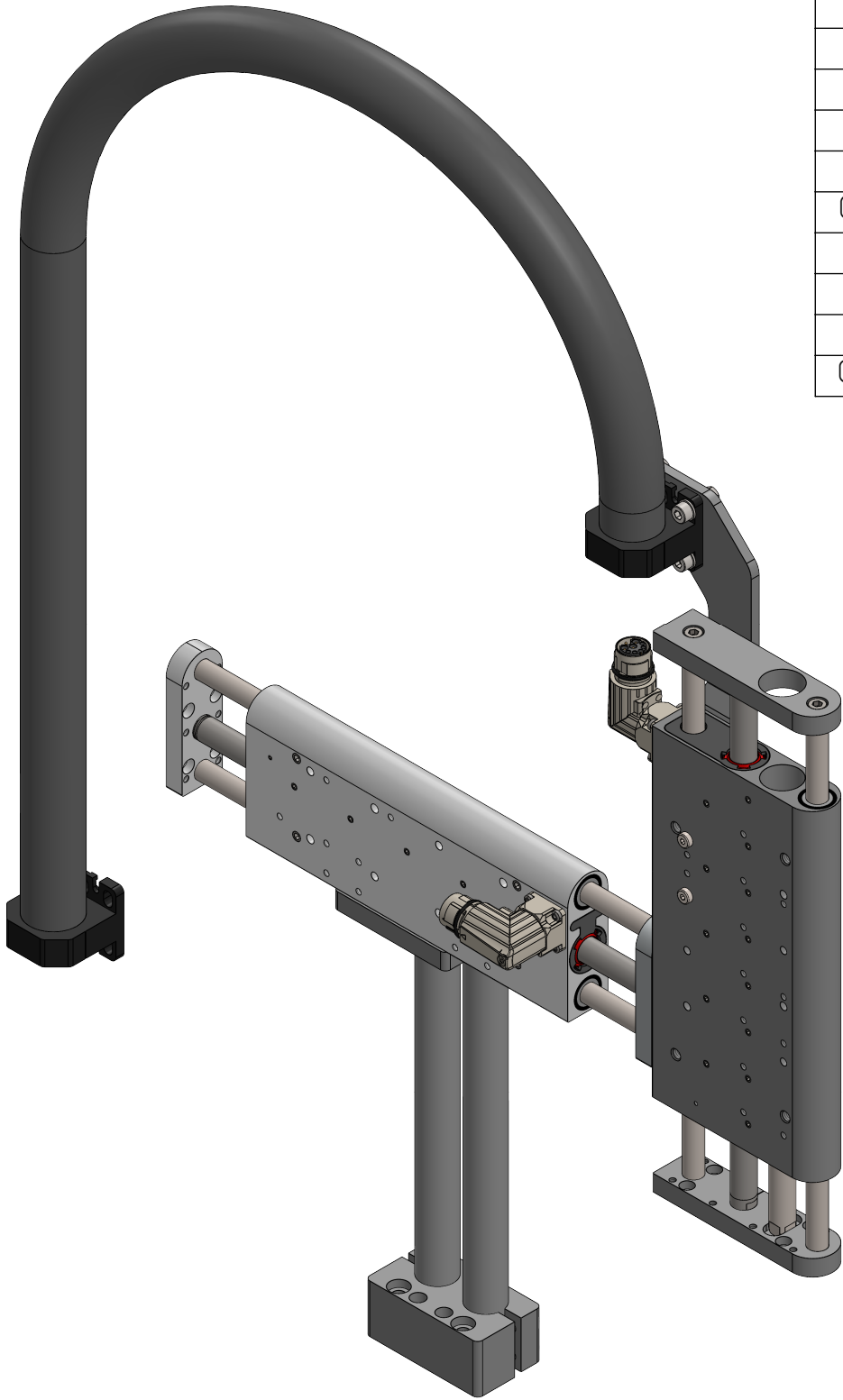


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A	Document created	28.08.2025	JB	FH
Rev.	Change	Date	Author	Appr.
General tolerance DIN ISO 2768 - mK		Created by J.-E. Beekhuis	Status 28.08.2025/jb	Material
LinMot®		File name 0380-0088_PP03_80-23x160H_80-23x160H-MS11_MT01_TC01	☐ Safety Rel. ☐ UL-Rel.	Weight (g)
NTI AG LinMot & MagSpring Bodenaeckerstrasse 2 CH-8957 Spreitenbach		Title, additional title PP03_80-23x160H_ 80-23x160H-MS11_MT01_TC01 Pick&Place / DM01-23 & DM03-23	Document type Assembly drawing	
Template type: SW2020 Version: V1-1 SW_A2_hori_Sheet_format_V1-1		Art.No.: 0300-0032	Drawing number / Index 0380-0088A	
Scale 2:3		Sheet 1 / 3		A2

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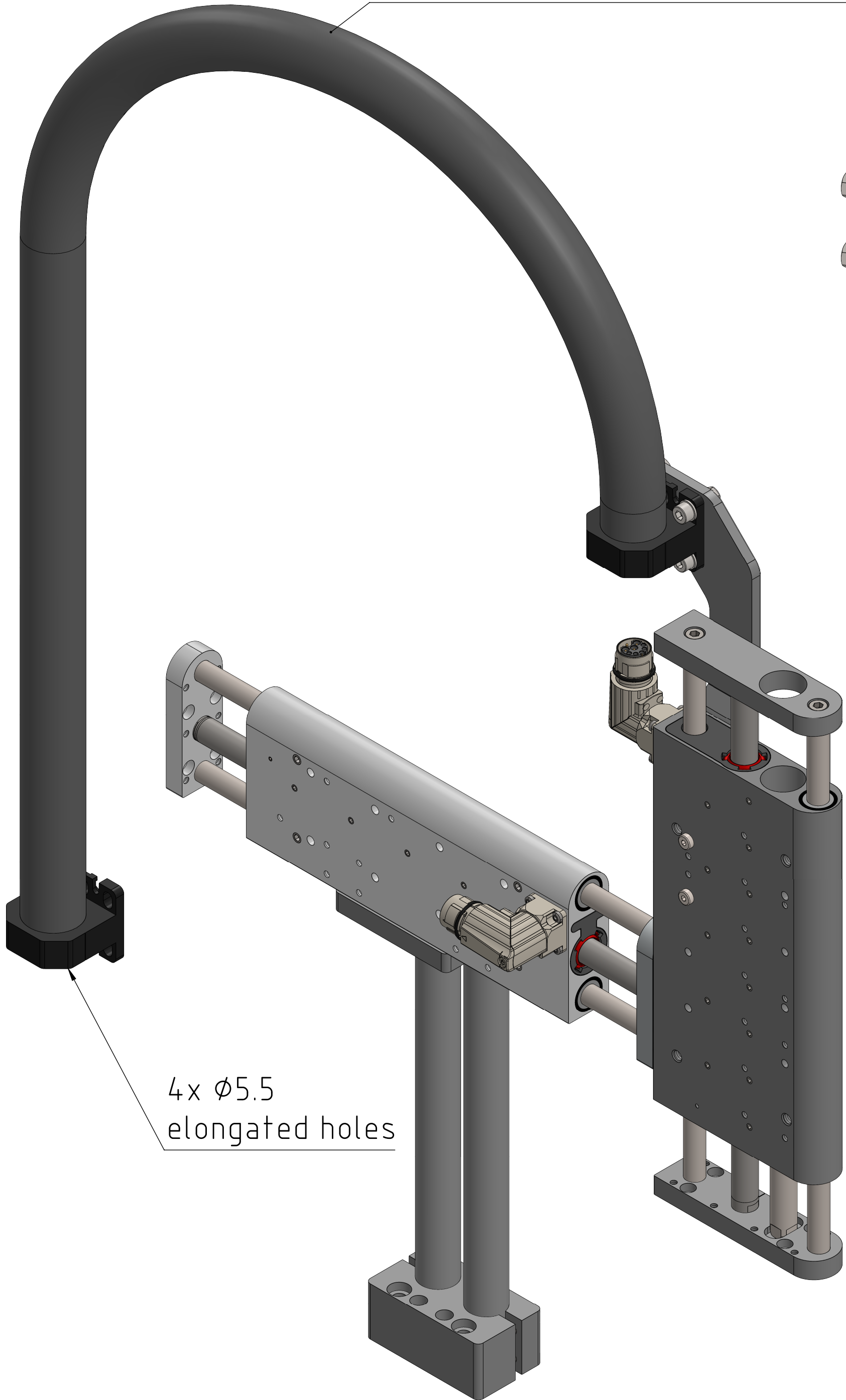
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Motor type	Horizontal: 0150-6112 DM01-23x160H-XP-R-80	Vertical: 0150-6109 DM03-23x160H-XP-R-80_CS10_MS11
Stroke	80	80
Max. Force@48VDC [N]	137	137
Max. Force@72VDC [N]	137	137
Position resolution [mm]	0.002	0.002
Repeatability [mm]	±0.05	±0.05
Max. acceleration [m/s2]	< 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	0.800
Module mass [kg]	1.640	2.140
Pillar mass [kg]	1.530	
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_80-23x160H_80-23x160H-MS11_MT01_TC01	
Motor type	Horizontal: 0150-6112 DM01-23x160H-XP-R-80	Vertical: 0150-6109 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: 0150-6704 PP03_TC01	
Pillar system	Chosen: 0150-6829 PP03_MT01	
Force sensor	Available: not chosen	Available: not chosen
Fan Kit	Not available	Not available

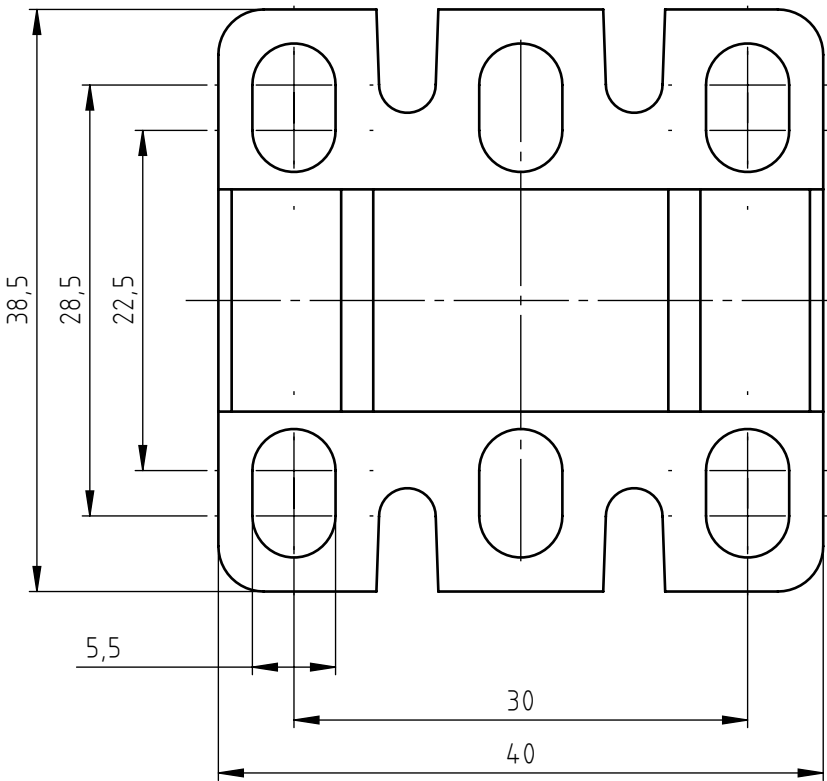
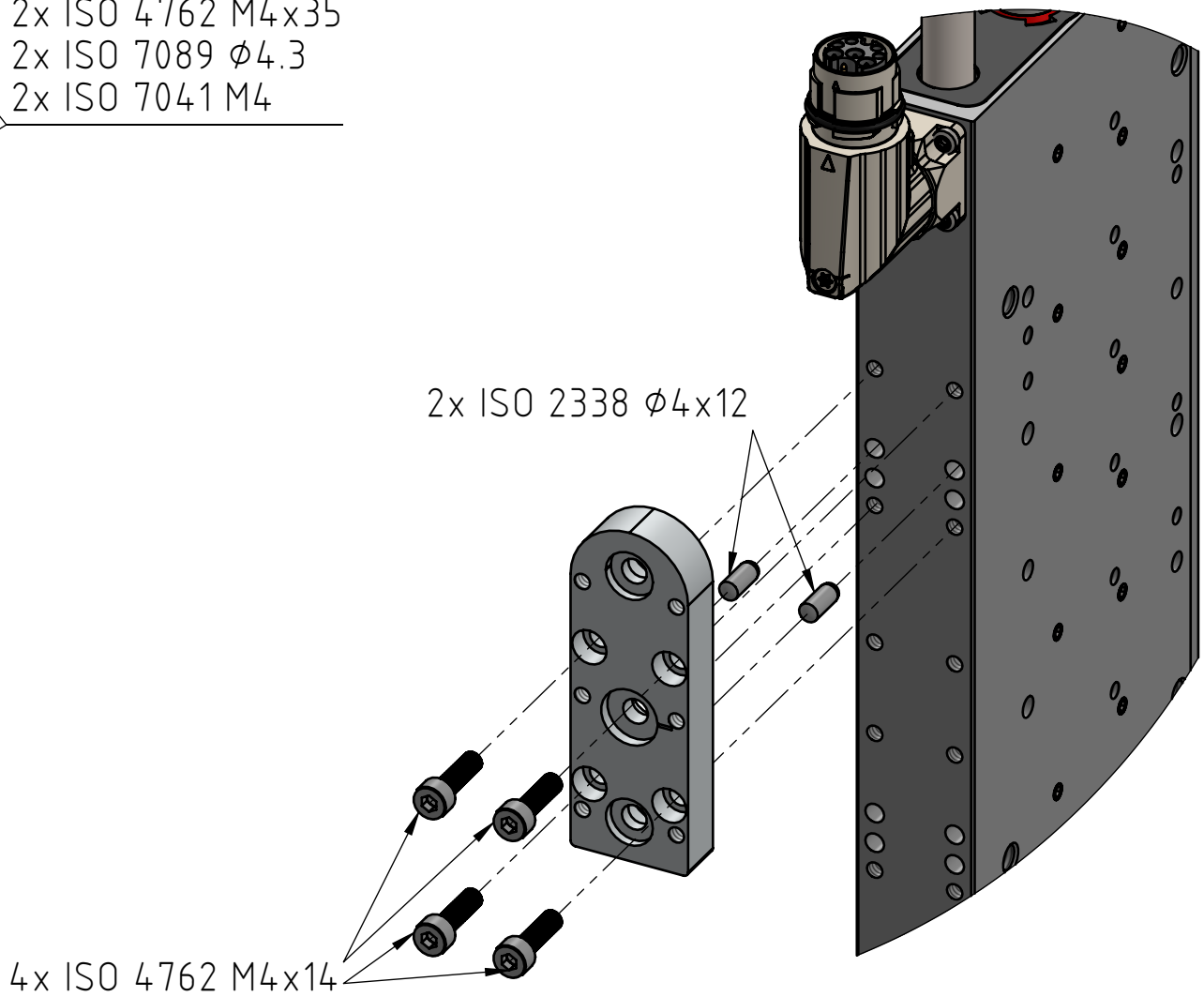
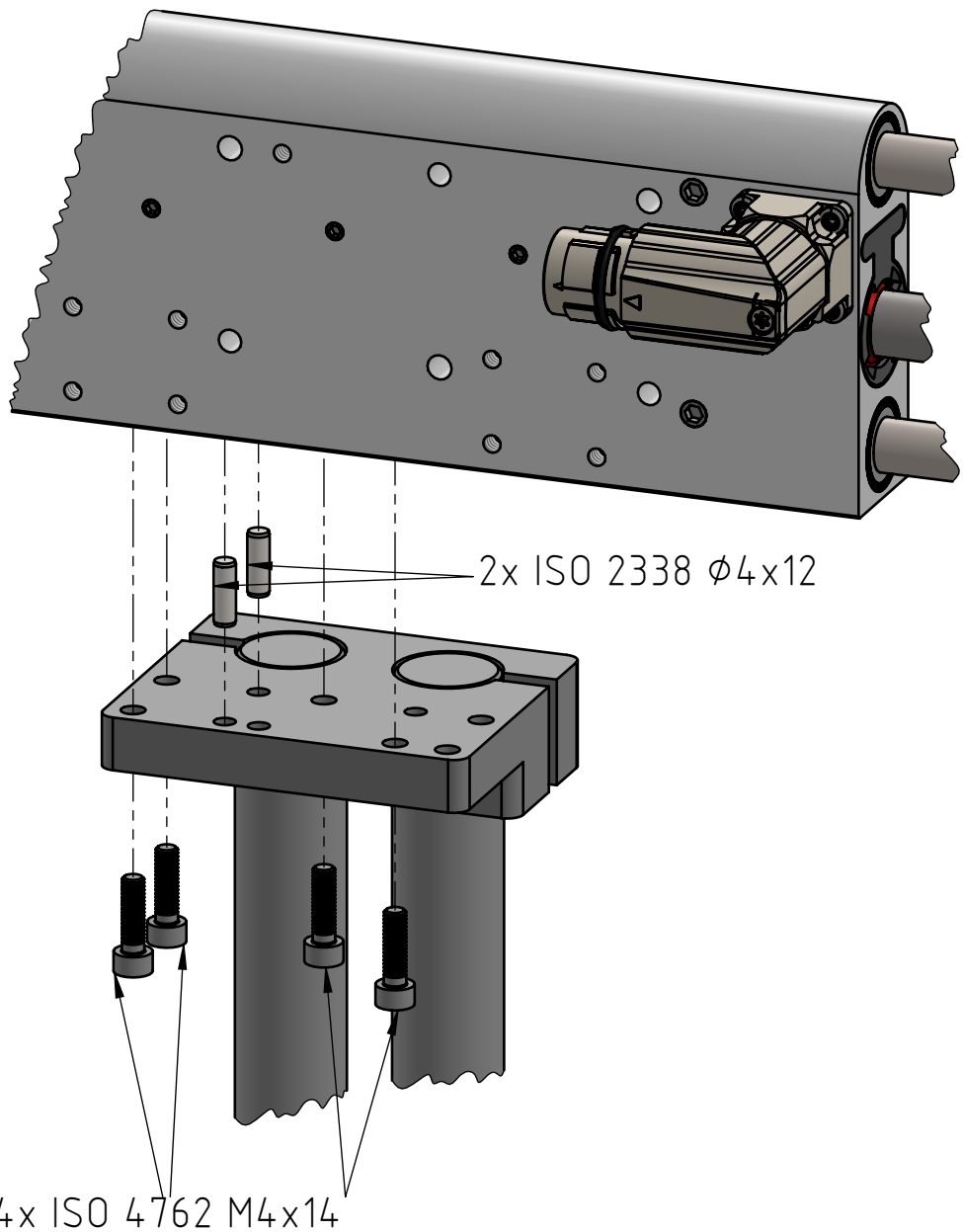
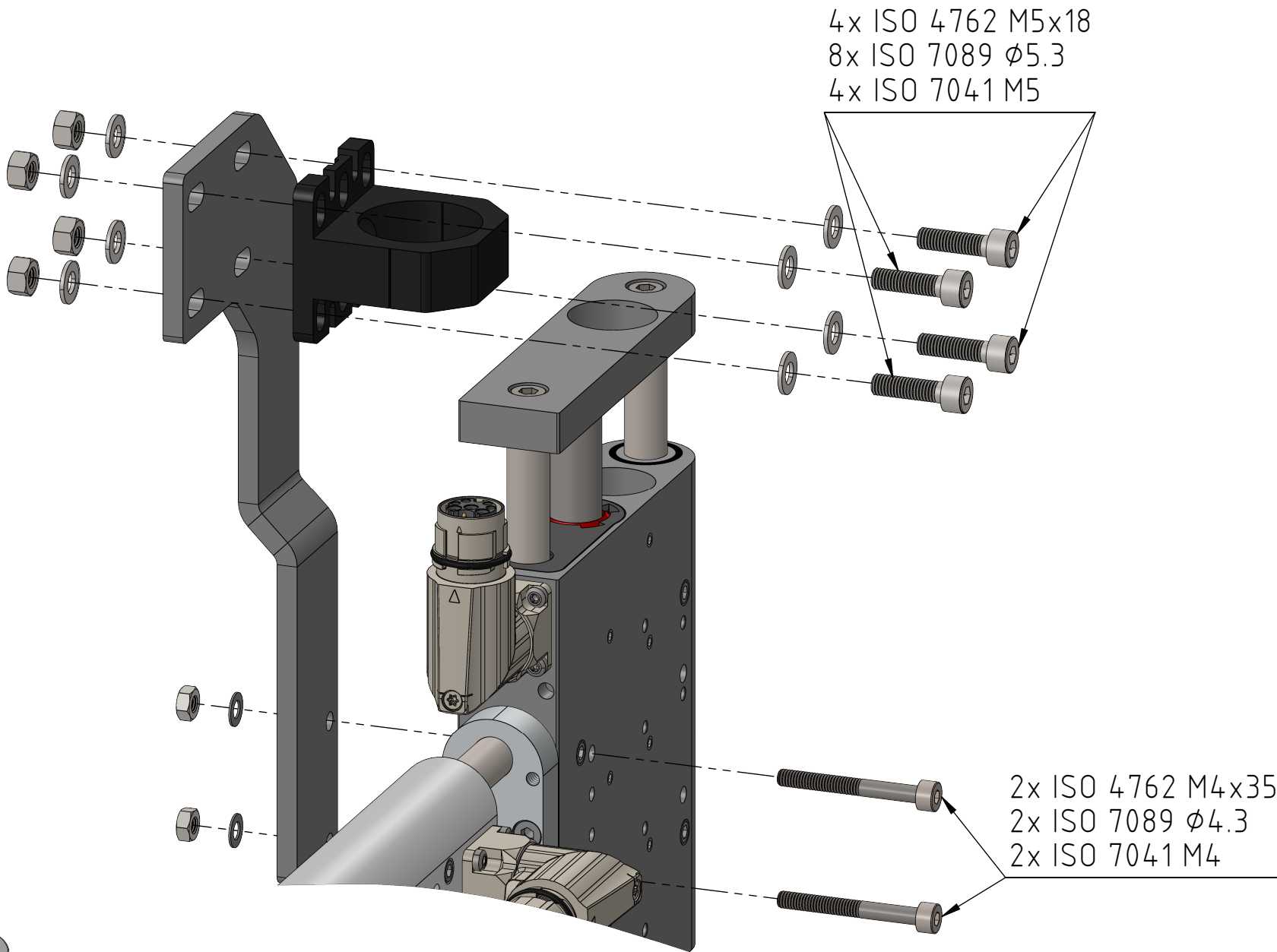
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LinMot® NTI AG LinMot & MagSpring Bodenaeckerstrasse 2 CH-8957 Spreitenbach	0380-0088_PP03_80-23x160H_80-23x160H-MS11_MT01_TC01		☐ Safety Rel.	Weight (g)
			☐ UL-Rel.	
	Title, additional title PP03_80-23x160H_ 80-23x160H-MS11_MT01_TC01 Pick&Place / DM01-23 & DM03-23 Art.No.: 0300-0032		Document type Assembly drawing Drawing number / Index 0380-0088A	
Template type: SW2020 Version: V1-1 SW_A3_hori_Sheet_format_V1-1	Scale 1:3		Sheet 2 / 3	A3

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



4x Ø5.5
elongated holes



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NTI AG LinMot & MagSpring Bodenaeckerstrasse 2 CH-8957 Spreitenbach	Title, additional title PP03_80-23x160H_ 80-23x160H-MS11_MT01_TC01 Pick&Place / DM01-23 & DM03-23	Document type Assembly drawing Drawing number / Index 0380-0088A	Scale 3:5
Template type: SW2020 Version: V1-1 SW_A2_hori_Sheet_format_V1-1	Art.No.: 0300-0032		Sheet 3 / 3 A2