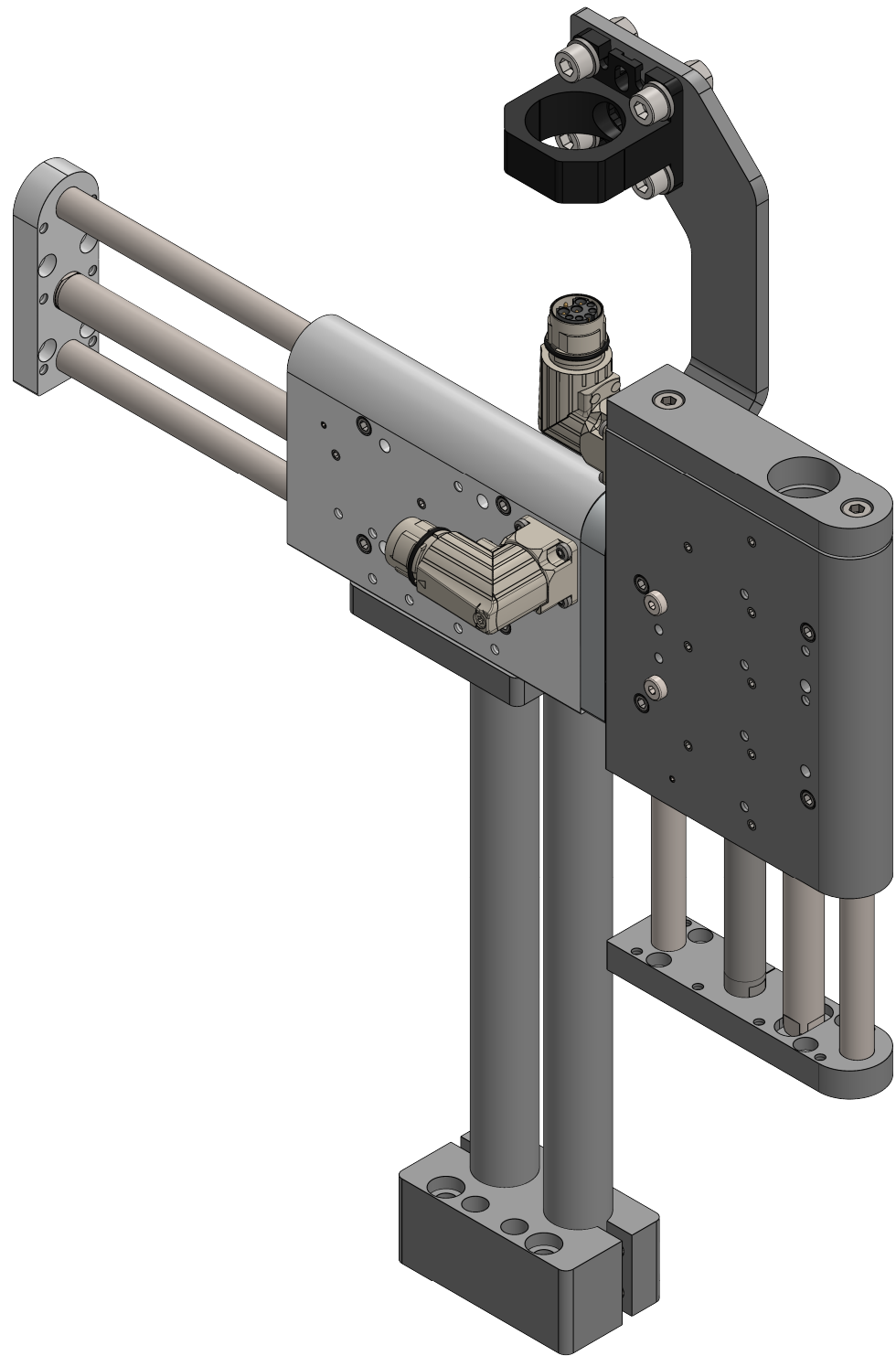
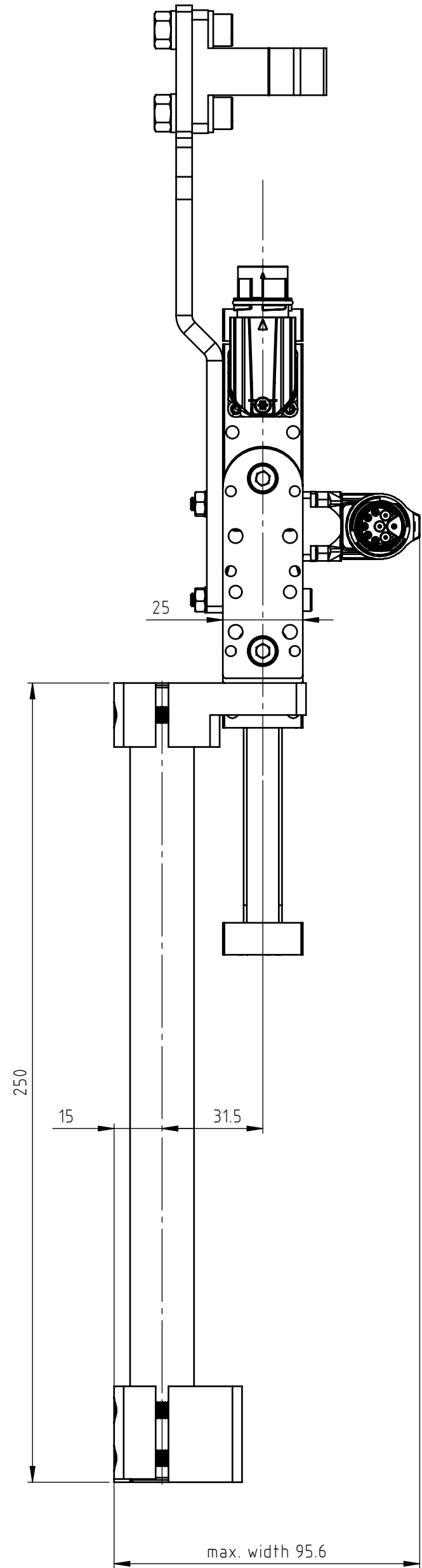
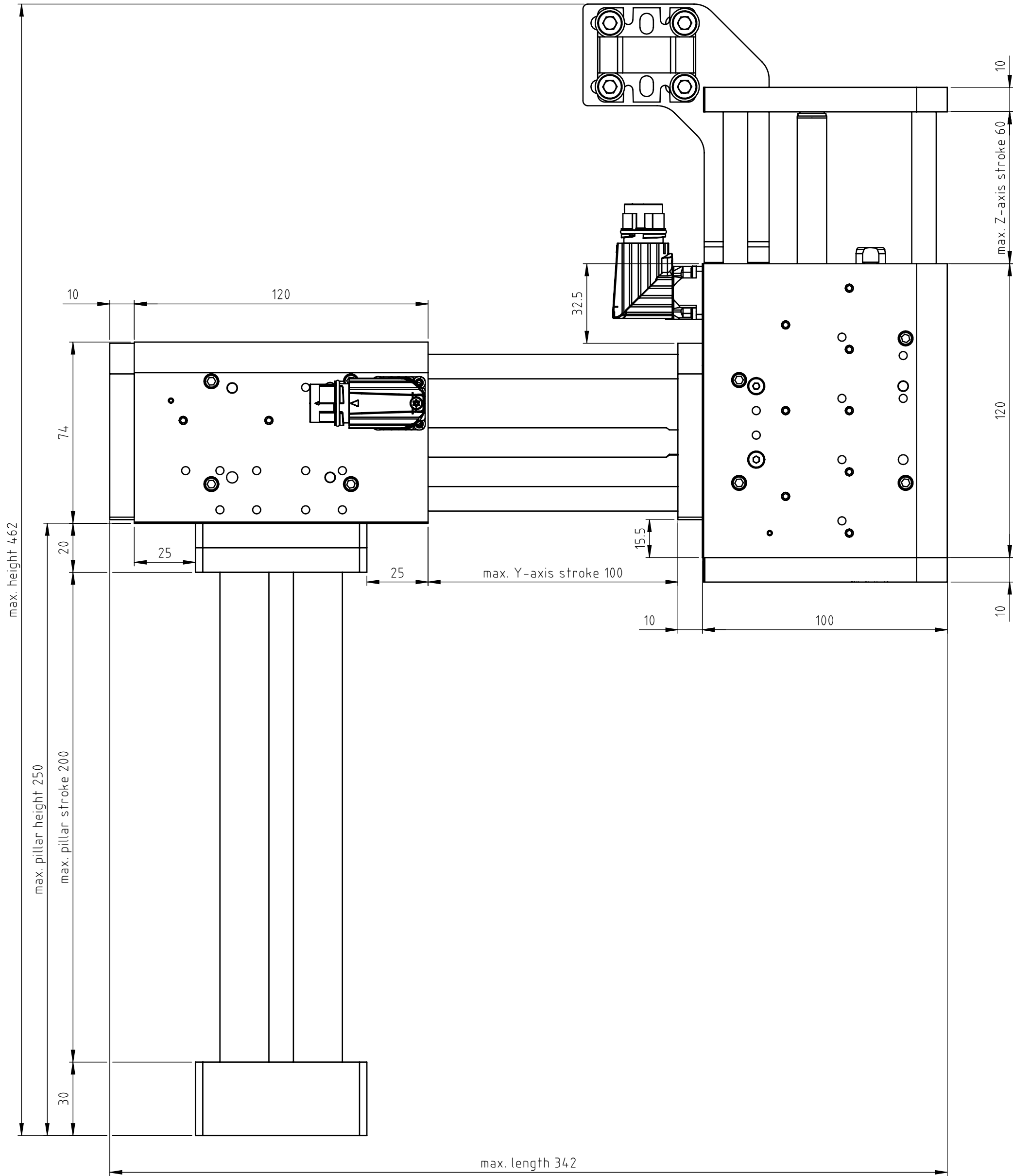
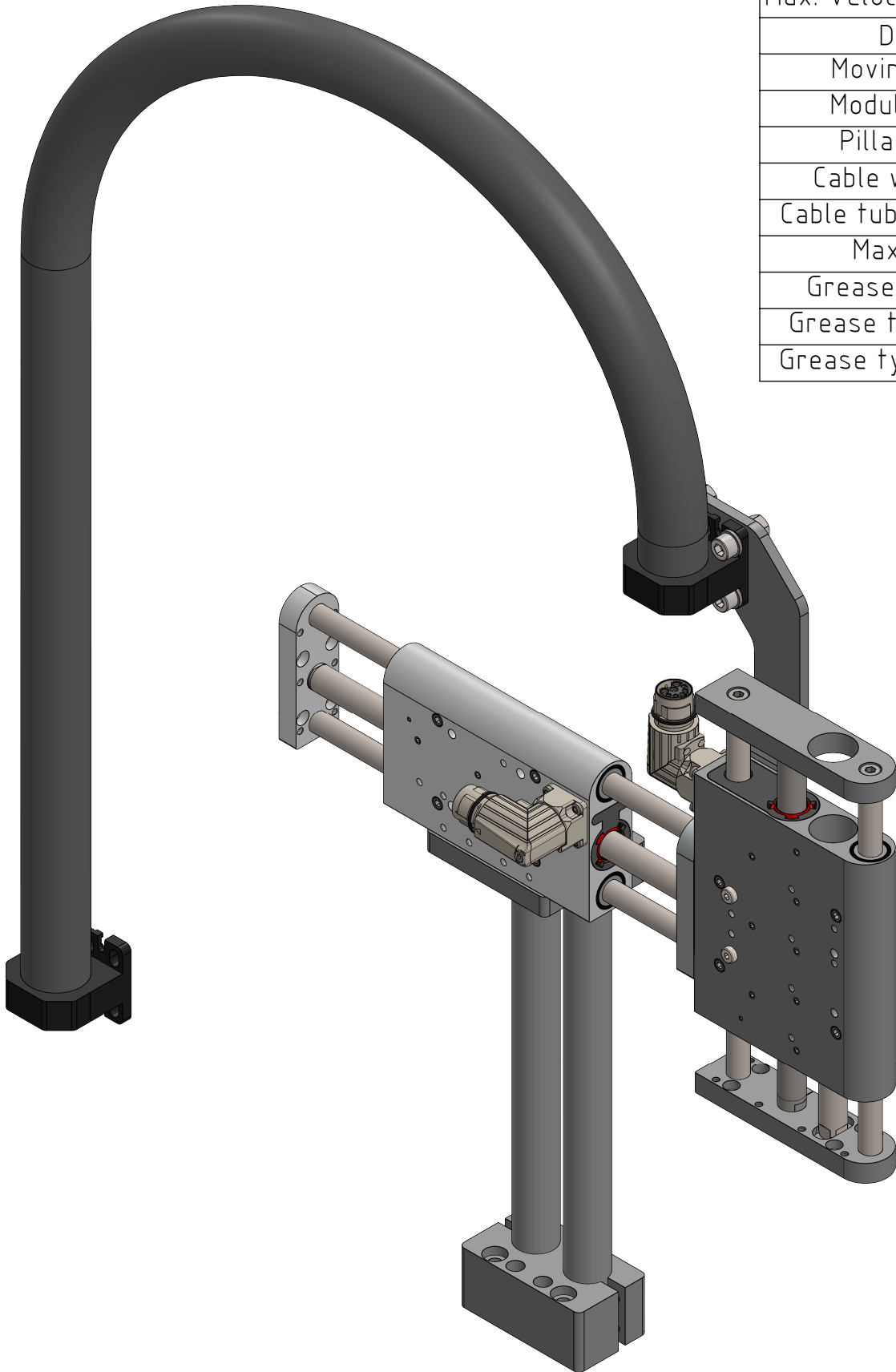


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	A	Document created	05.06.2025	JB	FH
	Rev.	Change	Date	Author	Appr.
General tolerance DIN ISO 2768 - mK		Created by J.-E. Beekhuis	Status 05.06.2025/jb	Material	
LinMot®		File name 0380-0071_PP03_100-23x80F_60-23x80F-MS11_MT01_TC01	☐ Safety Rel.		Weight (g)
			☐ UL-Rel.		
NTI AG LinMot & MagSpring Bodenaeckerstrasse 2 CH-8957 Spreitenbach		Title, additional title PP03_100-23x80F_ 60-23x80F-MS11_MT01_TC01	Document type Assembly drawing		
		Pick&Place / DM01-23 & DM03-23	Drawing number / Index 0380-0071A		
		Art.No.: 0300-0027	Scale 2:3		
Template type: SW2020 Version: V1-1 SW_A2_hori_Sheet_format_V1-1				Sheet 1 / 3	A2

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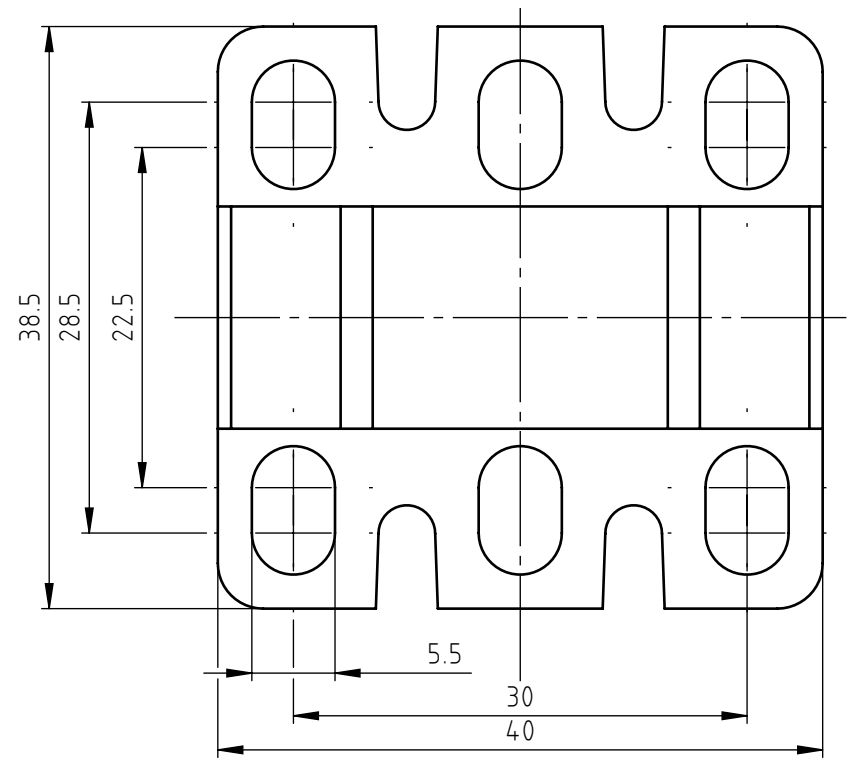
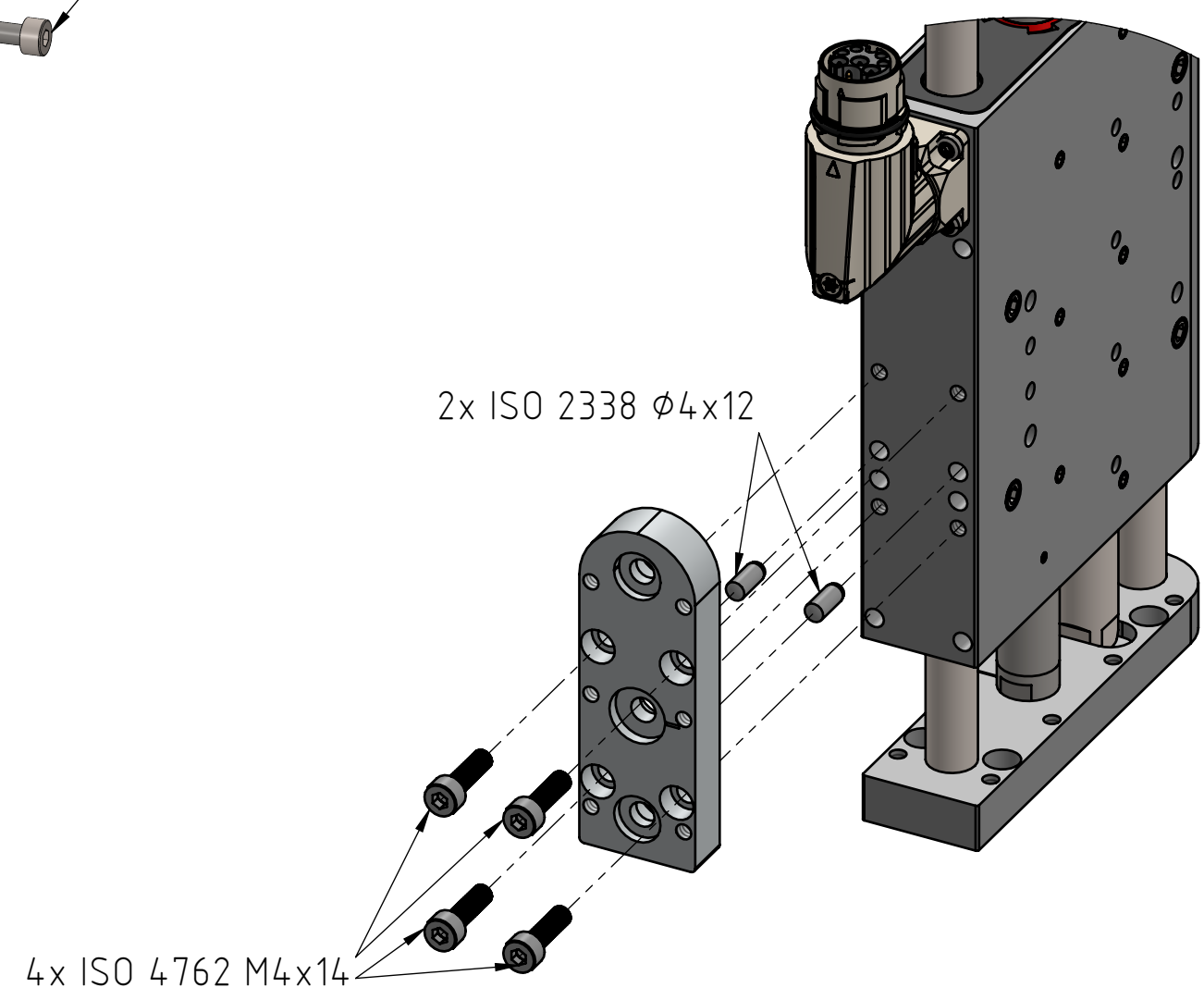
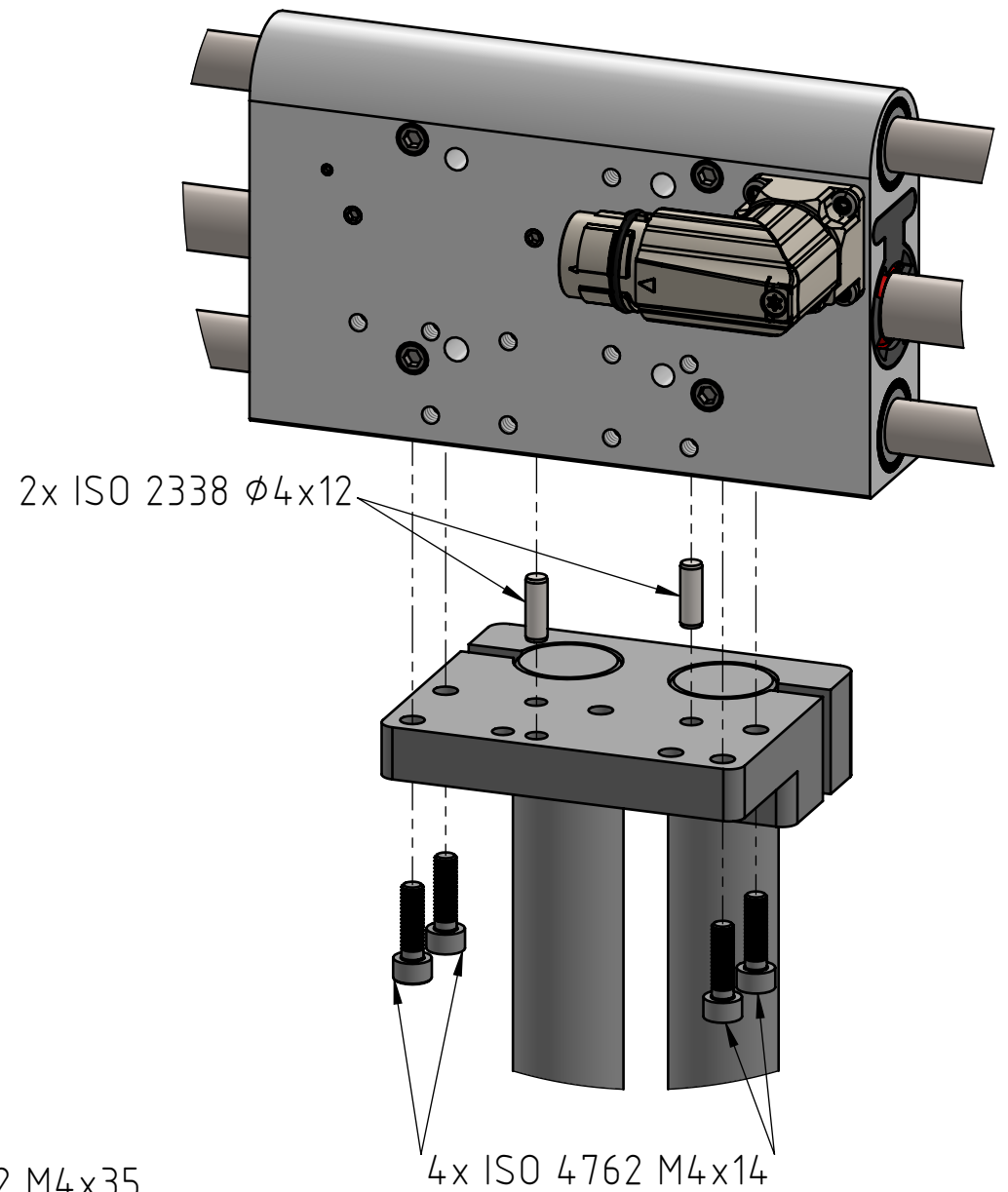
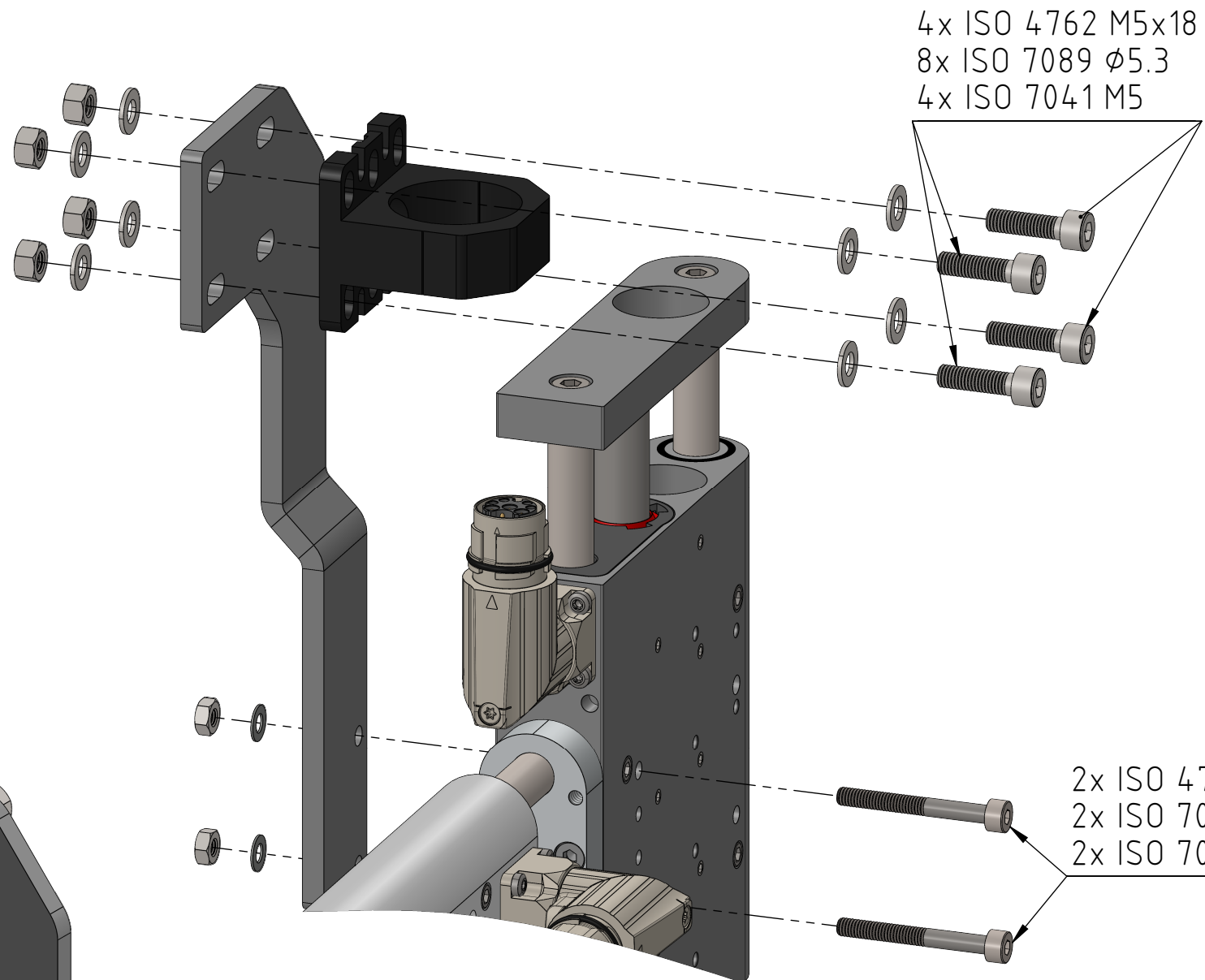
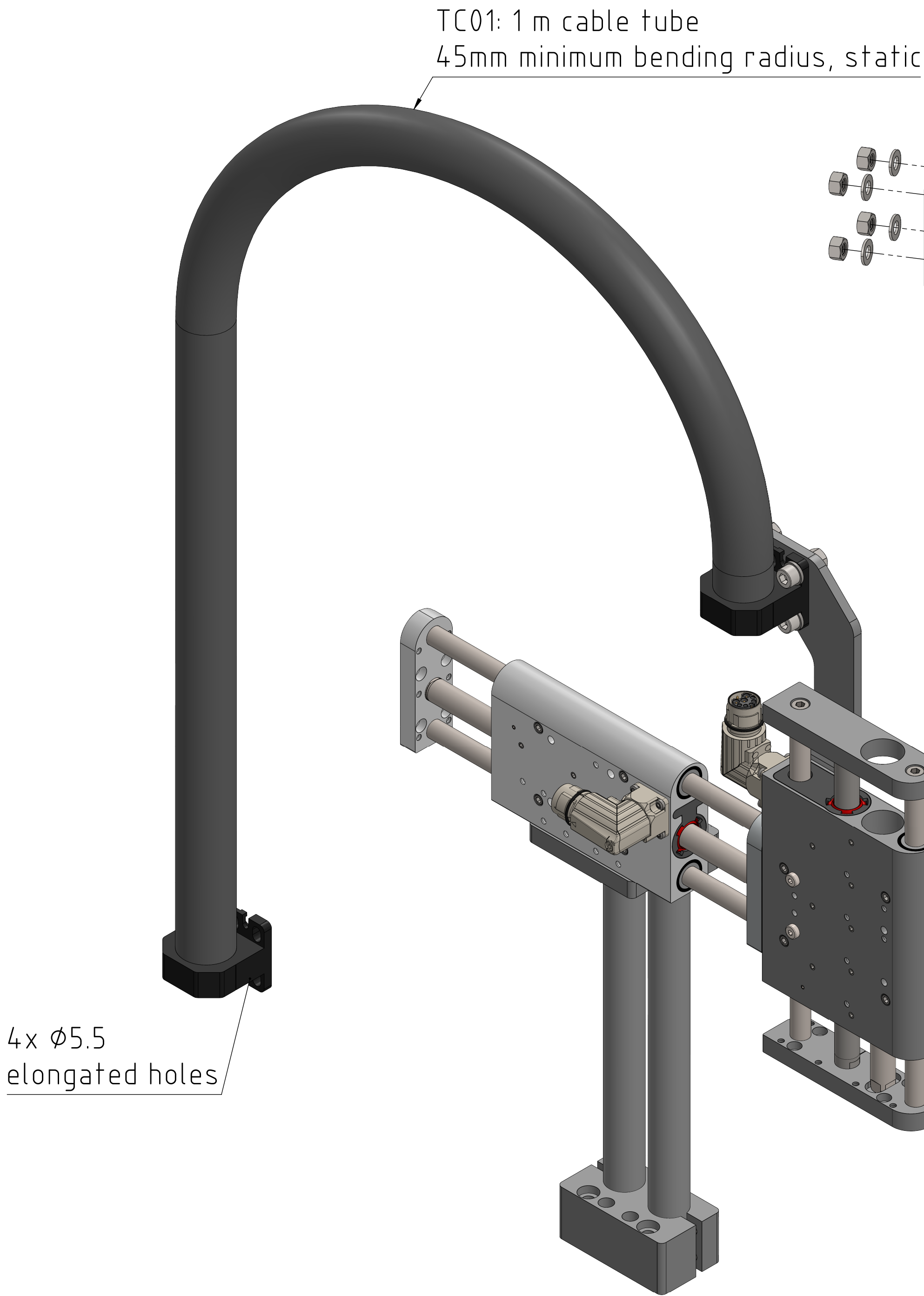
Stage type	PP03_100-23x80F_60-23x80F-MS11_MT01_TC01	
Motor type	Horizontal: 0150-4047 DM01-23x80F-HP-R-100	Vertical: 0150-6019 DM03-23x80F-XP-R-60_CS10_MS11
Stroke	100	60
Max. Force@48VDC [N]	67.1	73
Max. Force@72VDC [N]	67.1	73
Position resolution [mm]	0.002	0.002
Repeatability [mm]	±0.05	±0.05
Max. 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]	0.540	0.580
Module mass [kg]	1.120	1.400
Pillar mass [kg]	1.530	
Cable weight [kg/m]	0.083	
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_100-23x80F_60-23x80F-MS11_MT01_TC01	
Motor type	Horizontal: 0150-4047 DM01-23x80F-HP-R-100	Vertical: 0150-6019 DM03-23x80F-XP-R-60_CS10_MS11
Safety	Not available	
Clean room	Available: not chosen	Not available
External sensor	Not available	
Cover	Not available	
Cable guide	Chosen: 0150-6704 PP03_TC01	
Pillar system	Chosen: 0150-6829 PP03_MT01	
Force sensor	Not available	Available: not chosen
Fan Kit	Not available	

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LinMot®	0380-0071_PP03_100-23x80F_60-23x80F-MS11_MT01_TC01		☐ Safety Rel. ☐ UL-Rel.	Weight (g)
NTI AG LinMot & MagSpring Bodenaeckerstrasse 2 CH-8957 Spreitenbach	Title, additional title PP03_100-23x80F_ 60-23x80F-MS11_MT01_TC01		Document type Assembly drawing	
	Pick&Place / DM01-23 & DM03-23 Art.No.: 0300-0027		Drawing number / Index 0380-0071A	
Template type: SW2020 Version: V1-1 SW_A3_hori_Sheet_format_V1-1	Scale 2:5		Sheet 2 / 3	A3

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NTI AG LinMot & MagSpring Bodenaeckerstrasse 2 CH-8957 Spreitenbach		Template type: SW2020 Version: V1-1 SW_A2_hori_Sheet_format_V1-1		Drawing number / Index 0380-0071A	
		Art.No.: 0300-0027		Scale 3:5	Sheet 3 / 3 A2