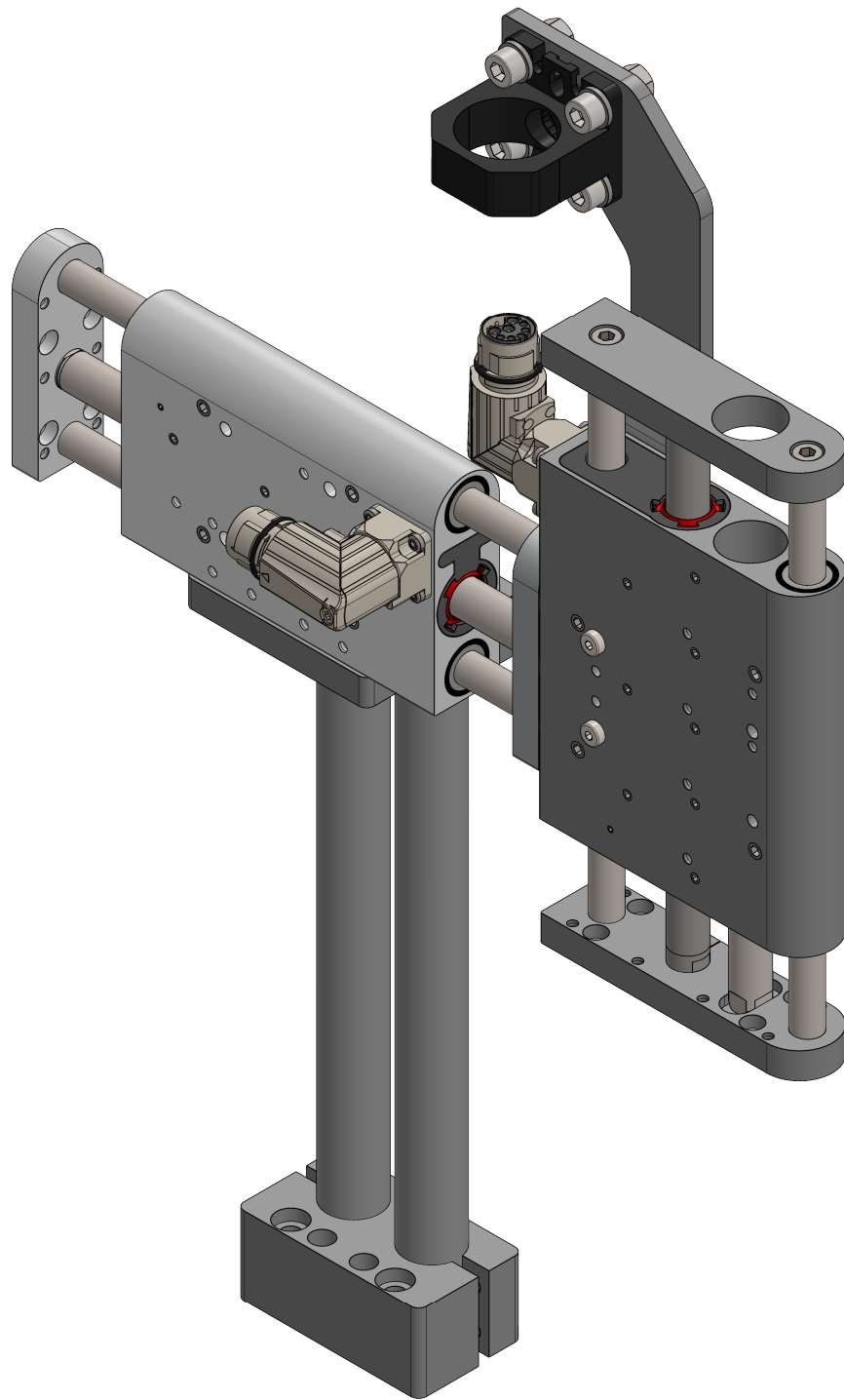
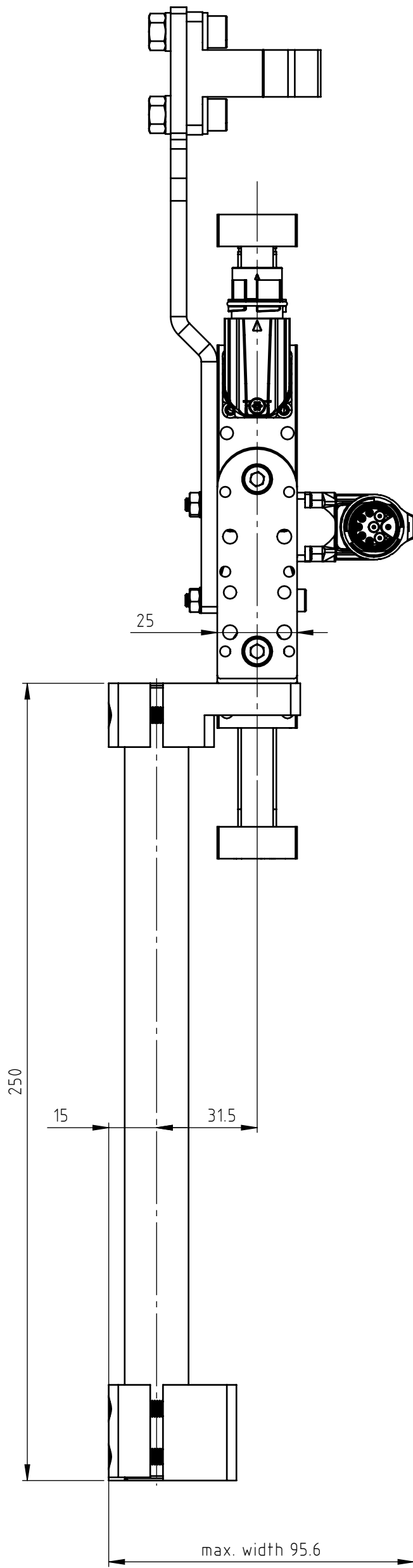
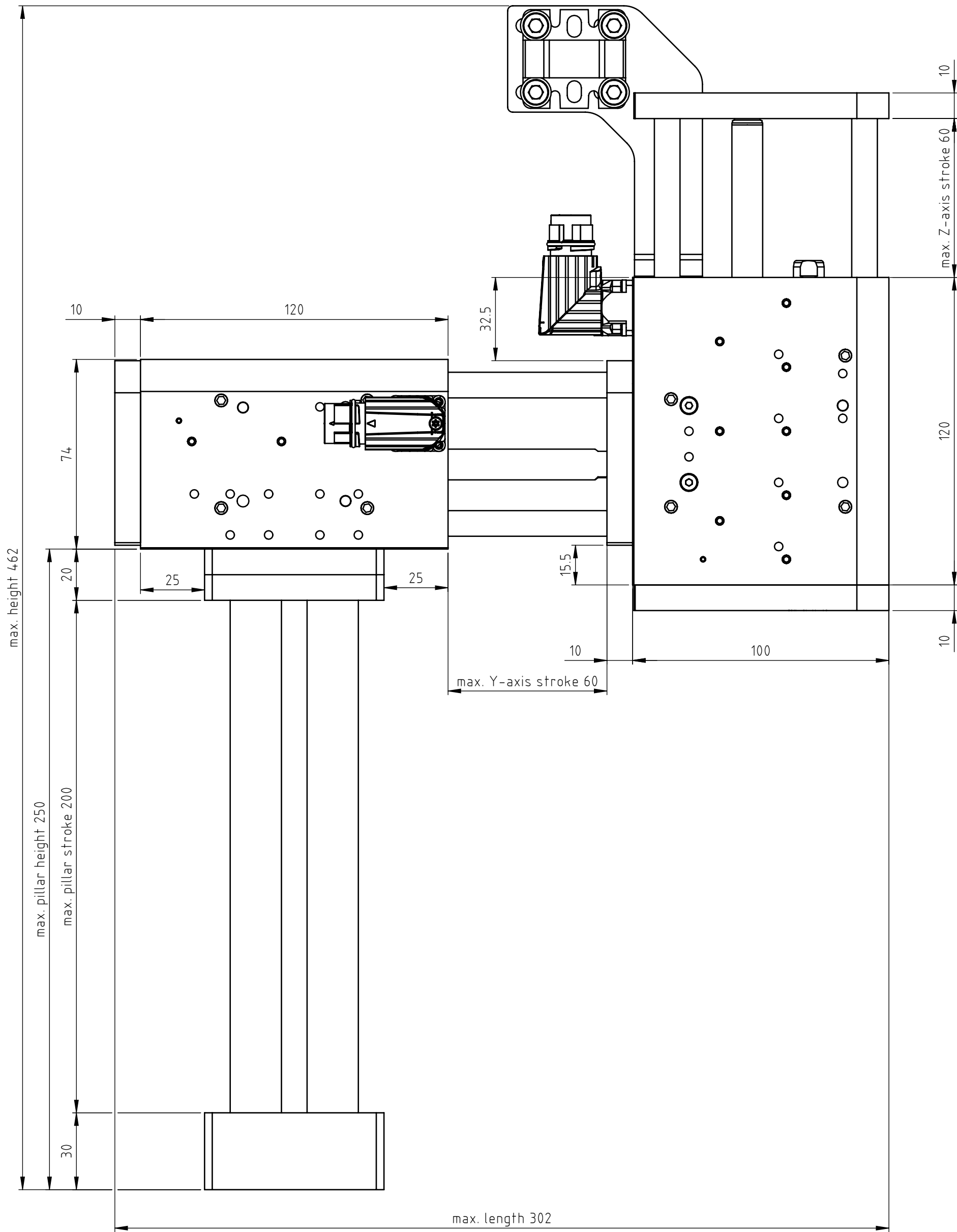
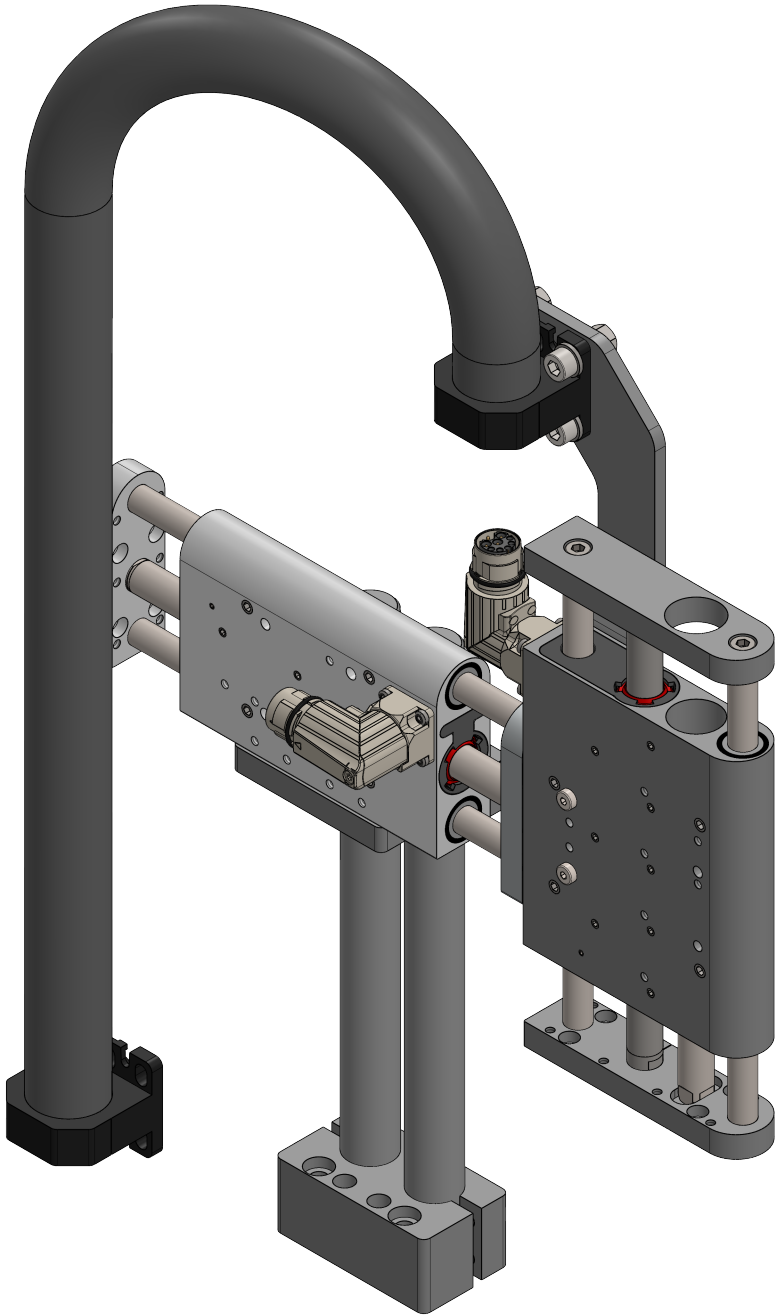


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A	Document created	13.11.2024	JB	FH	
Rev.	Change	Date	Author	Appr.	
General tolerance DIN ISO 2768 - mK		Created by J.-E. Beekhuis	Status 28.04.2025/jb	Material	
LinMot®		File name 0380-0001_PP03_60-23x80F_60-23x80F-MS11_MT01_TC01	☐ Safety Rel. ☐ UL-Rel.		Weight (g)
NTI AG LinMot & MagSpring Bodenaeckerstrasse 2 CH-8957 Spreitenbach		Title, additional title PP03_60-23x80F_ 60-23x80F-MS11_MT01_TC01 Pick&Place / DM01-23 & DM03-23		Document type Assembly drawing Drawing number / Index 0380-0001A	
Template type: SW2020 Version: V1-1 SW_A2_hori_Sheet_format_V1-1		Art.No.: 0300-0001		Scale 2:3	Sheet 1 / 3
					A2

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Stage type	PP03_60-23x80F_60-23x80F-MS11_MT01_TC01	
Motor type	Horizontal: 0150-4046 DM01-23x80F-HP-R-60	Vertical: 0150-6019 DM03-23x80F-XP-R-60_CS10_MS11
Stroke	60	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]	0.460	0.580
Module mass [kg]	1.040	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_60-23x80F_60-23x80F-MS11_MT01_TC01	
Motor type	Horizontal: 0150-4046 DM01-23x80F-HP-R-60	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: 0150-6704 PP03_TC01	
Pillar system	Chosen: 0150-6829 PP03_MT01	
Force sensor	Not available	Available: not chosen
Fan Kit	Not available	Not available

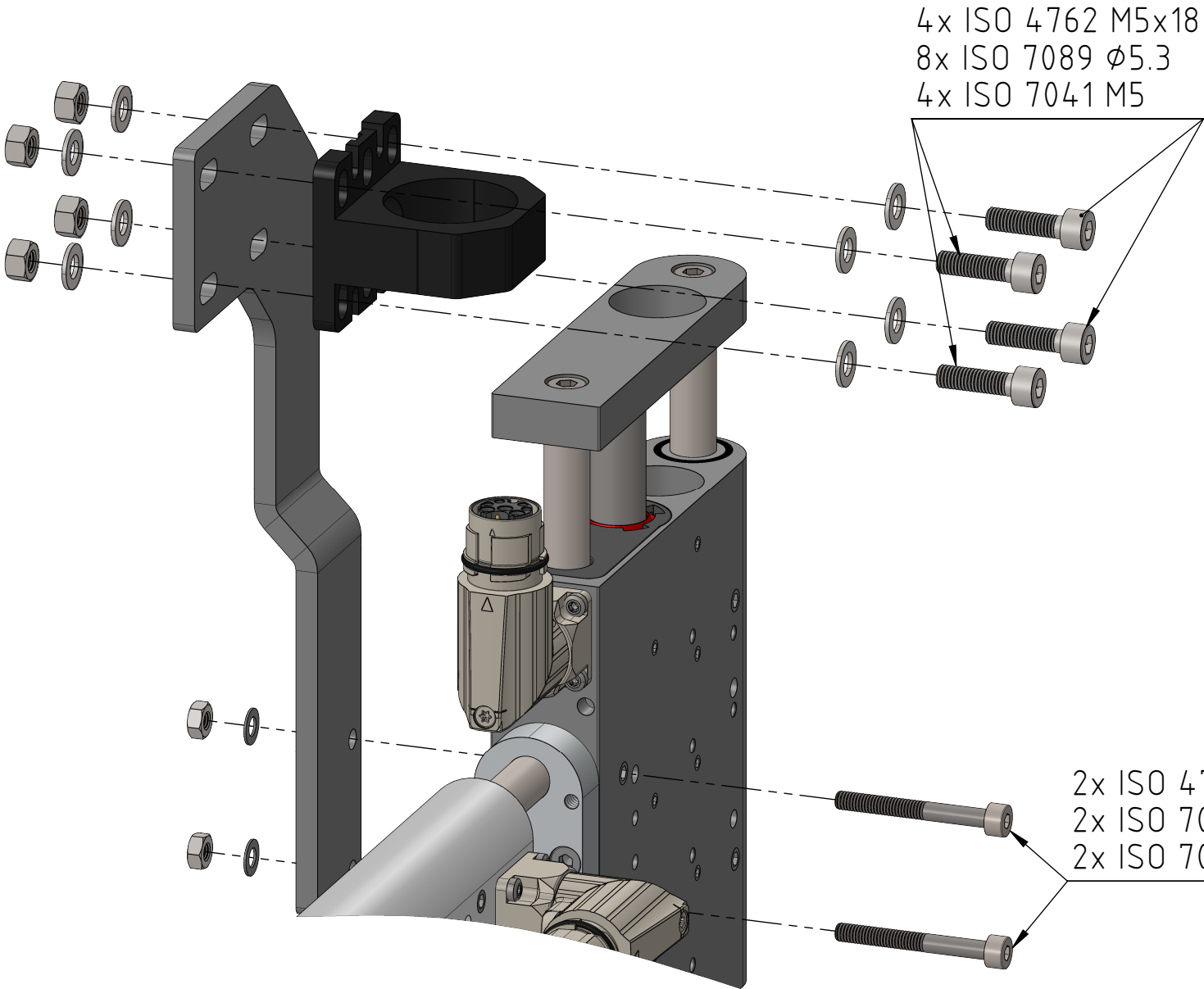
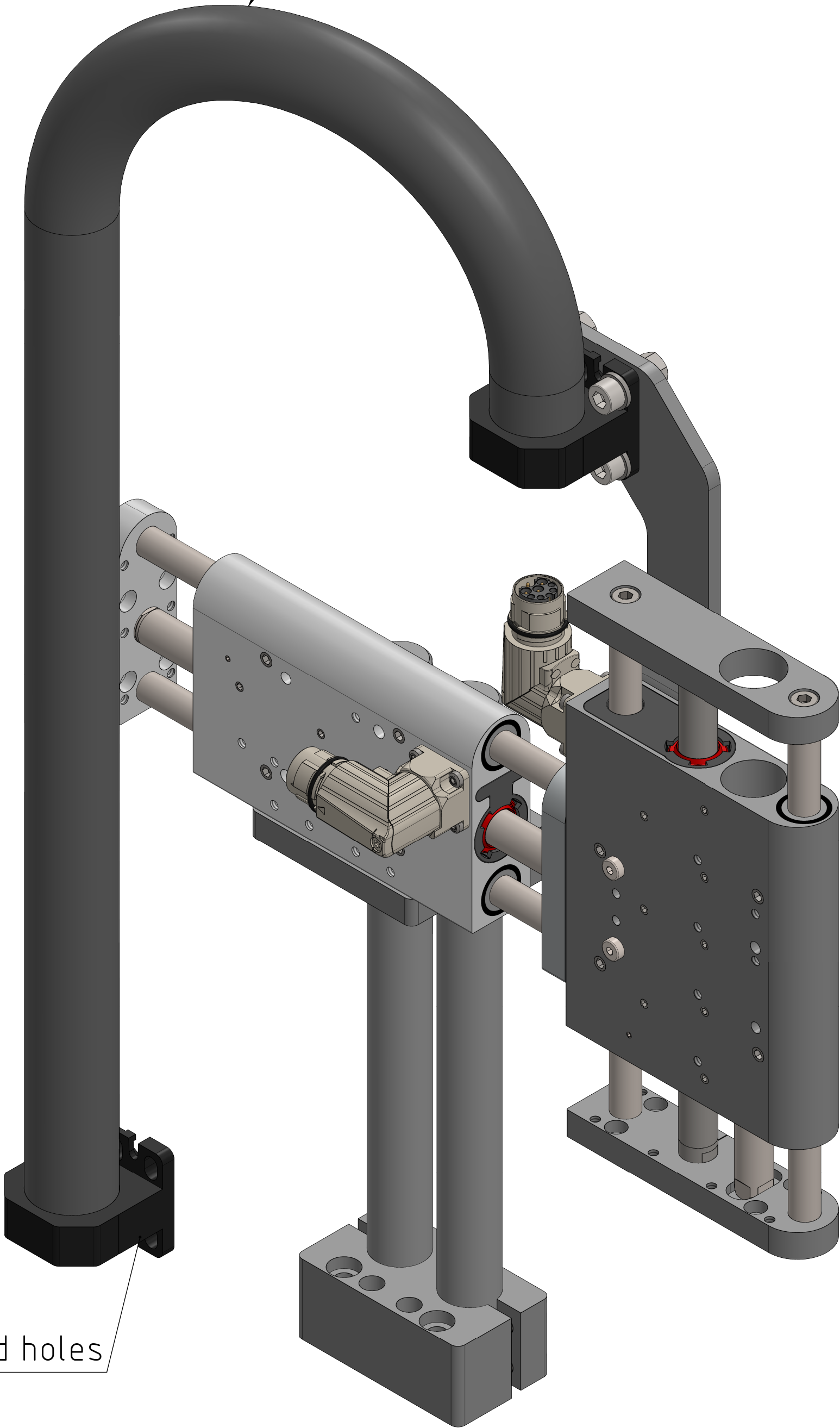
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			☐ UL-Rel.	
	Title, additional title PP03_60-23x80F_ 60-23x80F-MS11_MT01_TC01 Pick&Place / DM01-23 & DM03-23 Art.No.: 0300-0001		Document type Assembly drawing Drawing number / Index 0380-0001A	
Template type: SW2020 Version: V1-1 SW_A3_hori_Sheet_format_V1-1	Scale 2:5		Sheet 2 / 3	A3

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4x $\phi 5.5$
elongated holes

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

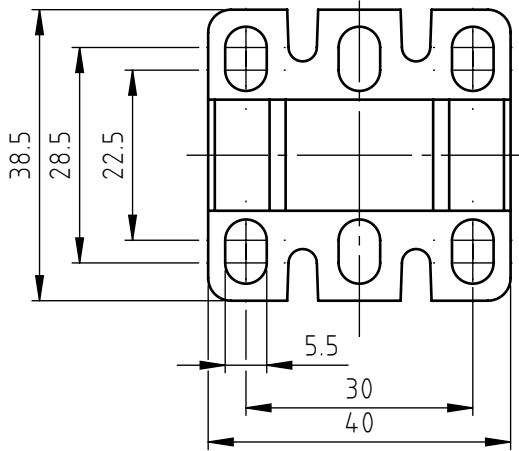


2x ISO 2338 $\phi 4 \times 12$

4x ISO 4762 M4x14

2x ISO 2338 $\phi 4 \times 12$

4x ISO 4762 M4x14



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Template type: SW2020 Version: V1-1 SW_A2_hori_Sheet_format_V1-1		Pick&Place / DM01-23 & DM03-23 Art.No.: 0300-0001		Document type Assembly drawing	
				Drawing number / Index 0380-0001A	
				Scale 4:5	Sheet 3 / 3 A2