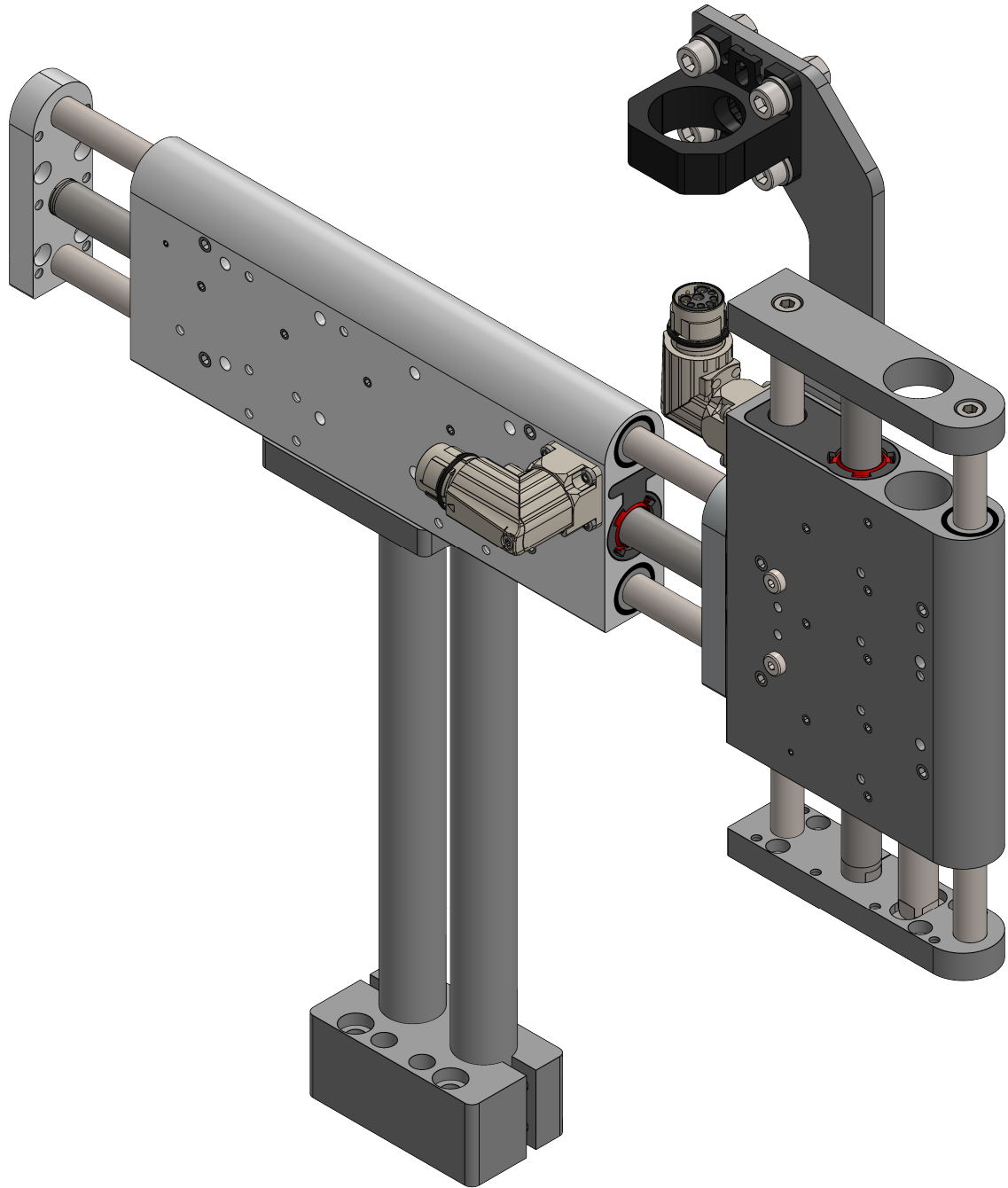
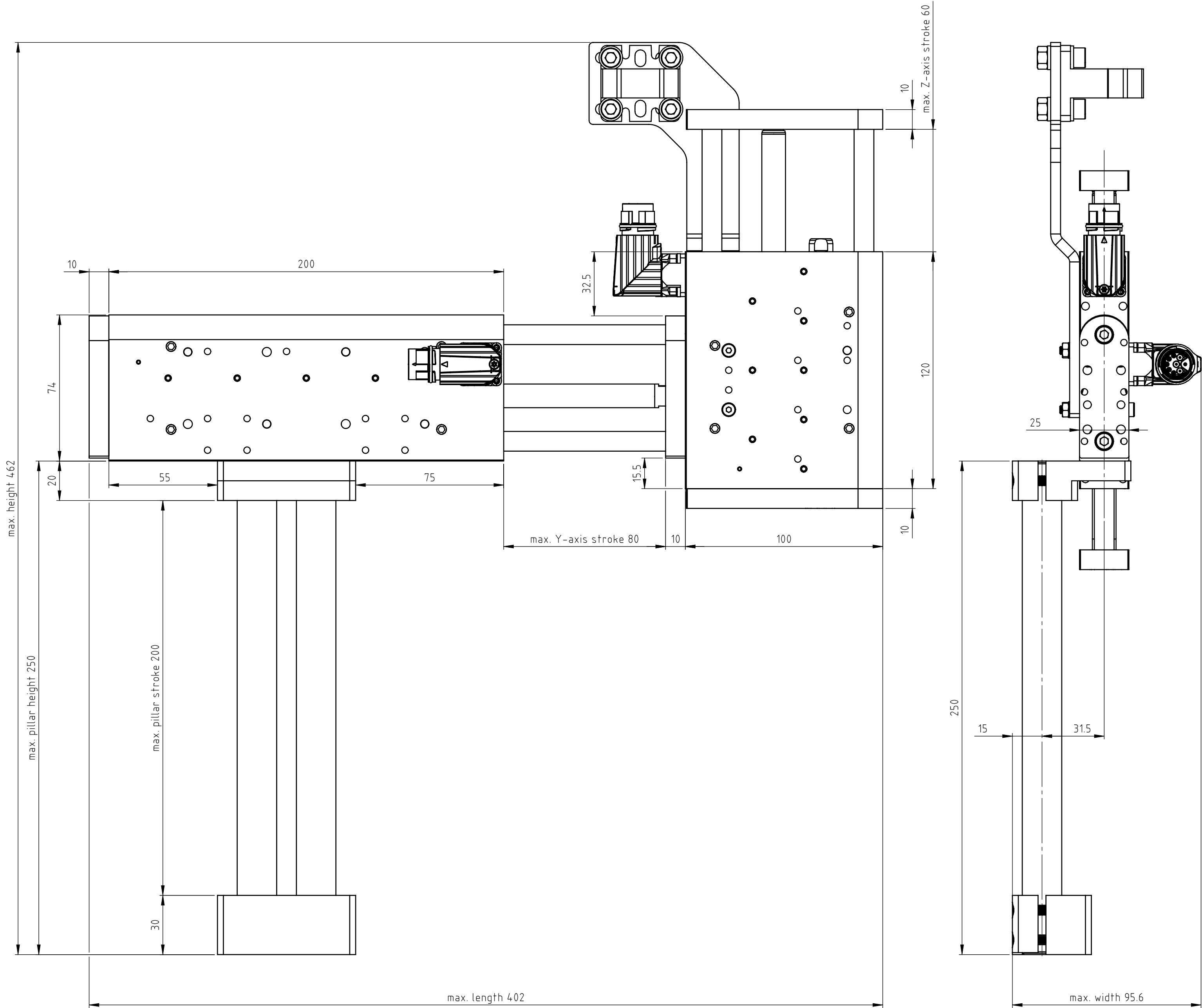


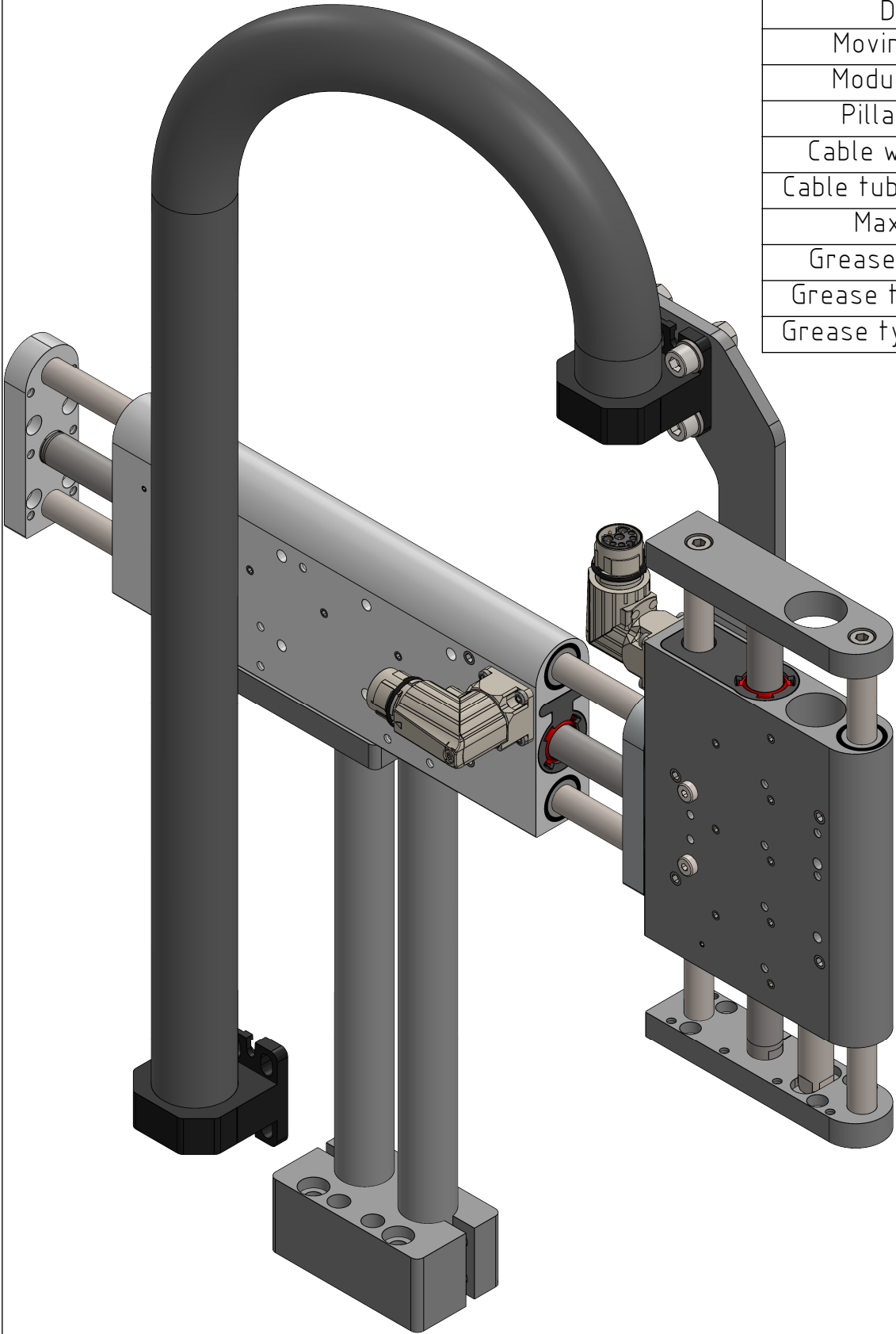
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A	Document created	13.11.2024	JB	FH
Rev.	Change	Date	Author	Appr.

General tolerance DIN ISO 2768 - mK	Created by J.-E. Beekhuis	Status 28.04.2025/jb	Material	
LinMot®	File name 0380-0002_PP03_80-23x160H_60-23x80F-MS11_MT01_TC01	☐ Safety Rel. Weight (g) ☐ UL-Rel.		
NTI AG LinMot & MagSpring Bodenaeckerstrasse 2 CH-8957 Spreitenbach	Title, additional title PP03_80-23x160H_ 60-23x80F-MS11_MT01_TC01 Pick&Place / DM01-23 & DM03-23	Document type Assembly drawing Drawing number / Index 0380-0002A		
Template type: SW2020 Version: V1-1 SW_A2_hori_Sheet_format_V1-1	Art.No: 0300-0002	Scale 2:3		Sheet 1 / 3 A2

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Stage type	PP03_80-23x160H_60-23x80F-MS11_MT01_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/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	0.580
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	

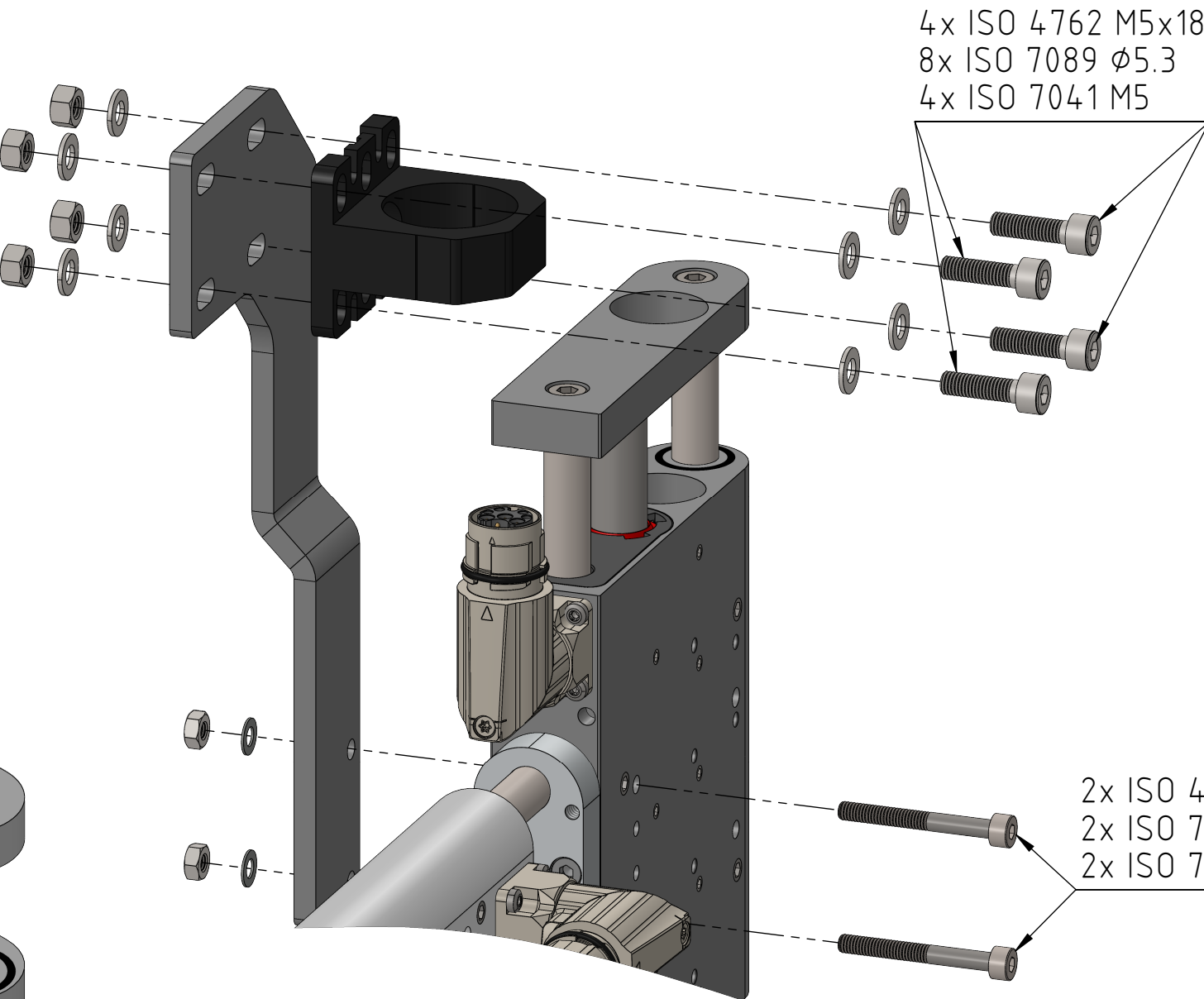
Accessories		
Stage type	PP03_80-23x160H_60-23x80F-MS11_MT01_TC01	
Motor type	Horizontal: 0150-6112 DM01-23x160H-XP-R-80	Vertical: 0150-6019 DM03-23x80F-XP-R-60_CS10_MS11
Safety	Not available	Not available
Clean room	Available: not chosen	Not available
External sensor	Not available	Not available
Cover	Not available	Not available
Cable guide	Chosen: 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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			☐ UL-Rel.	
	Title, additional title PP03_80-23x160H_ 60-23x80F-MS11_MT01_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



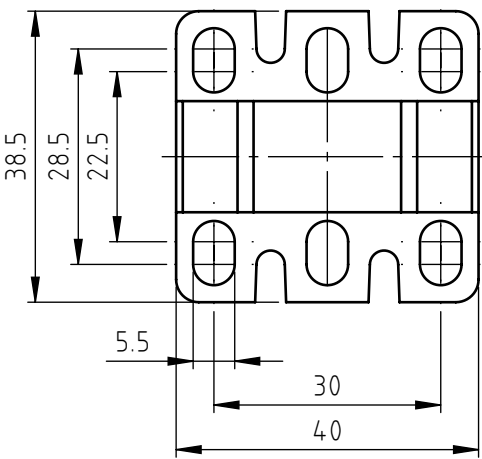
2x ISO 2338 $\phi 4 \times 12$

4x ISO 4762 M4x14

2x ISO 4762 M4x35
2x ISO 7089 $\phi 4.3$
2x ISO 7041 M4

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

4x ISO 4762 M4x14



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NTI AG LinMot & MagSpring Bodenaeckerstrasse 2 CH-8957 Spreitenbach	Title, additional title PP03_80-23x160H_ 60-23x80F-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: 0300-0002	Drawing number / Index 0380-0002A	Scale 4:5
			Sheet 3 / 3 A2