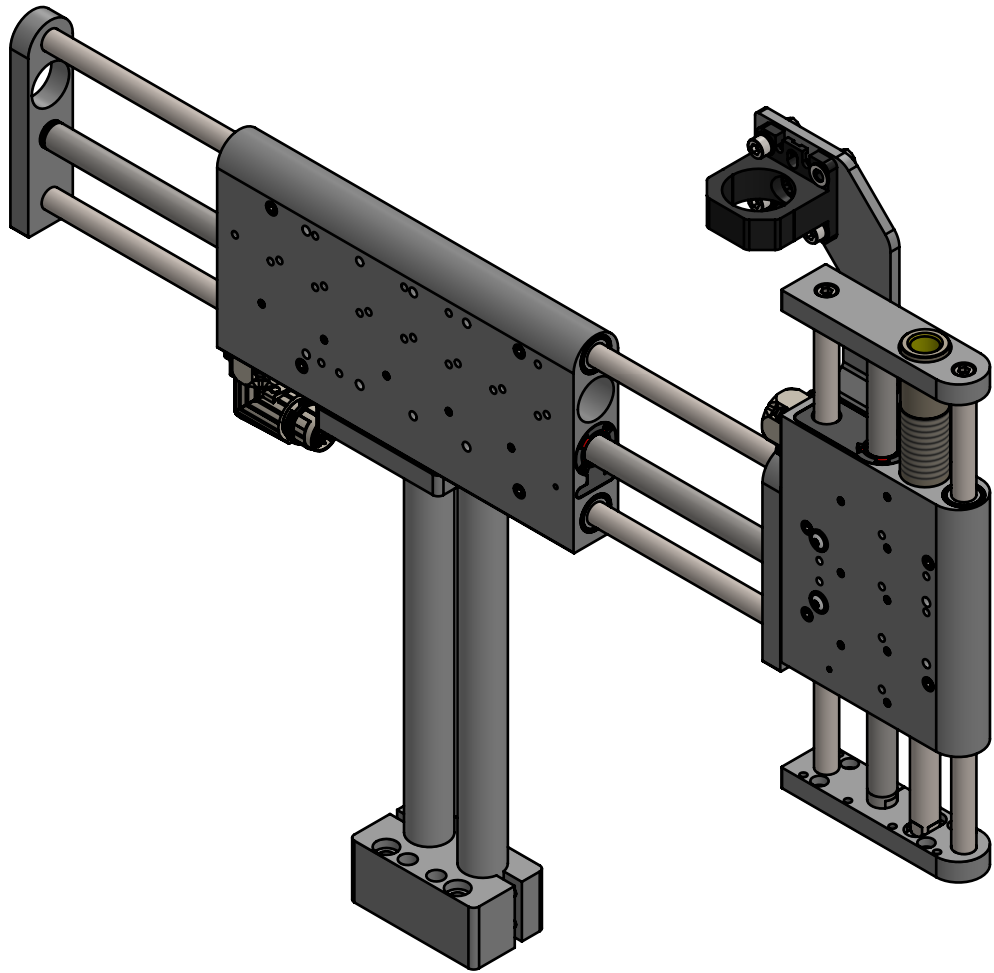
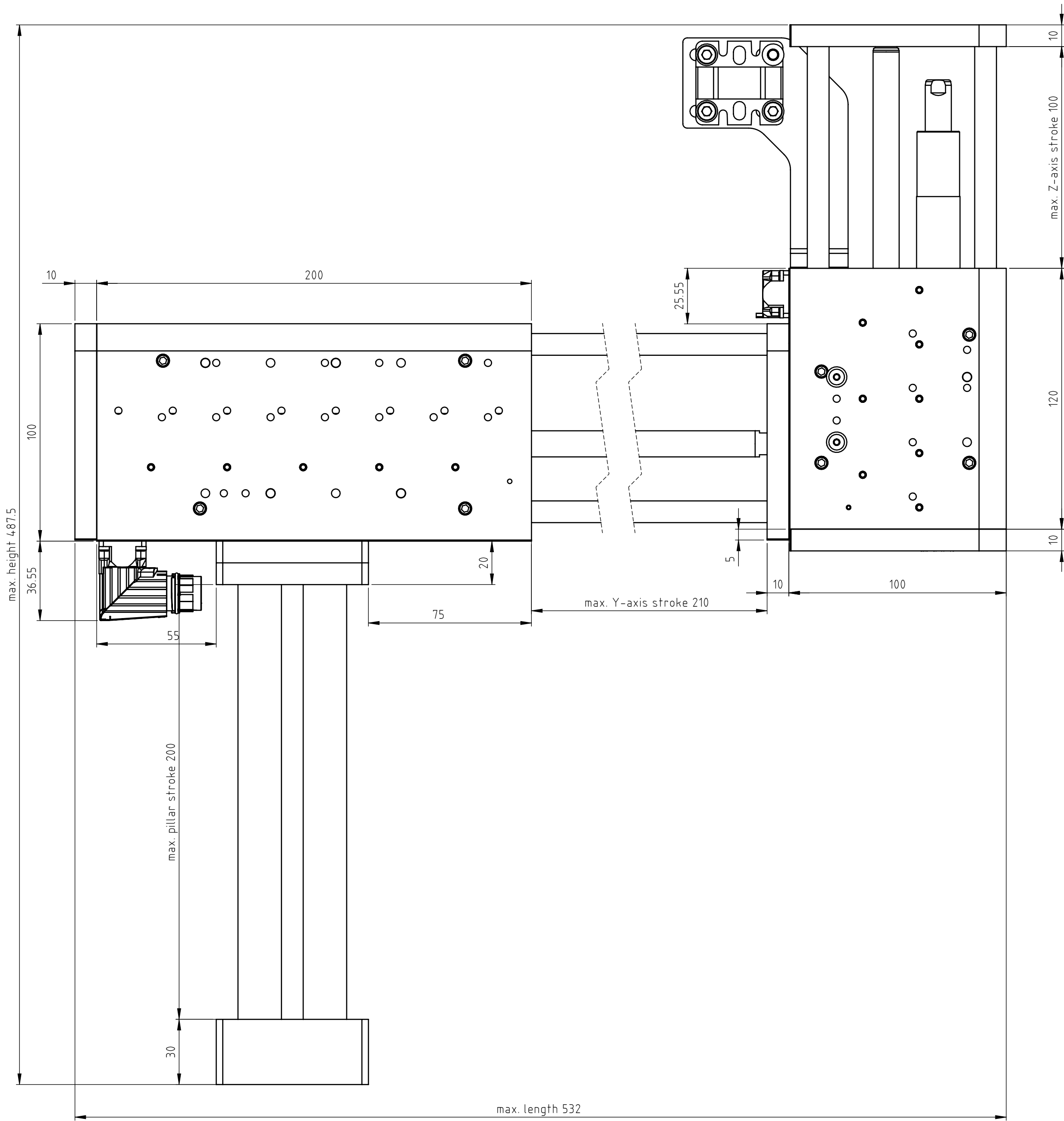


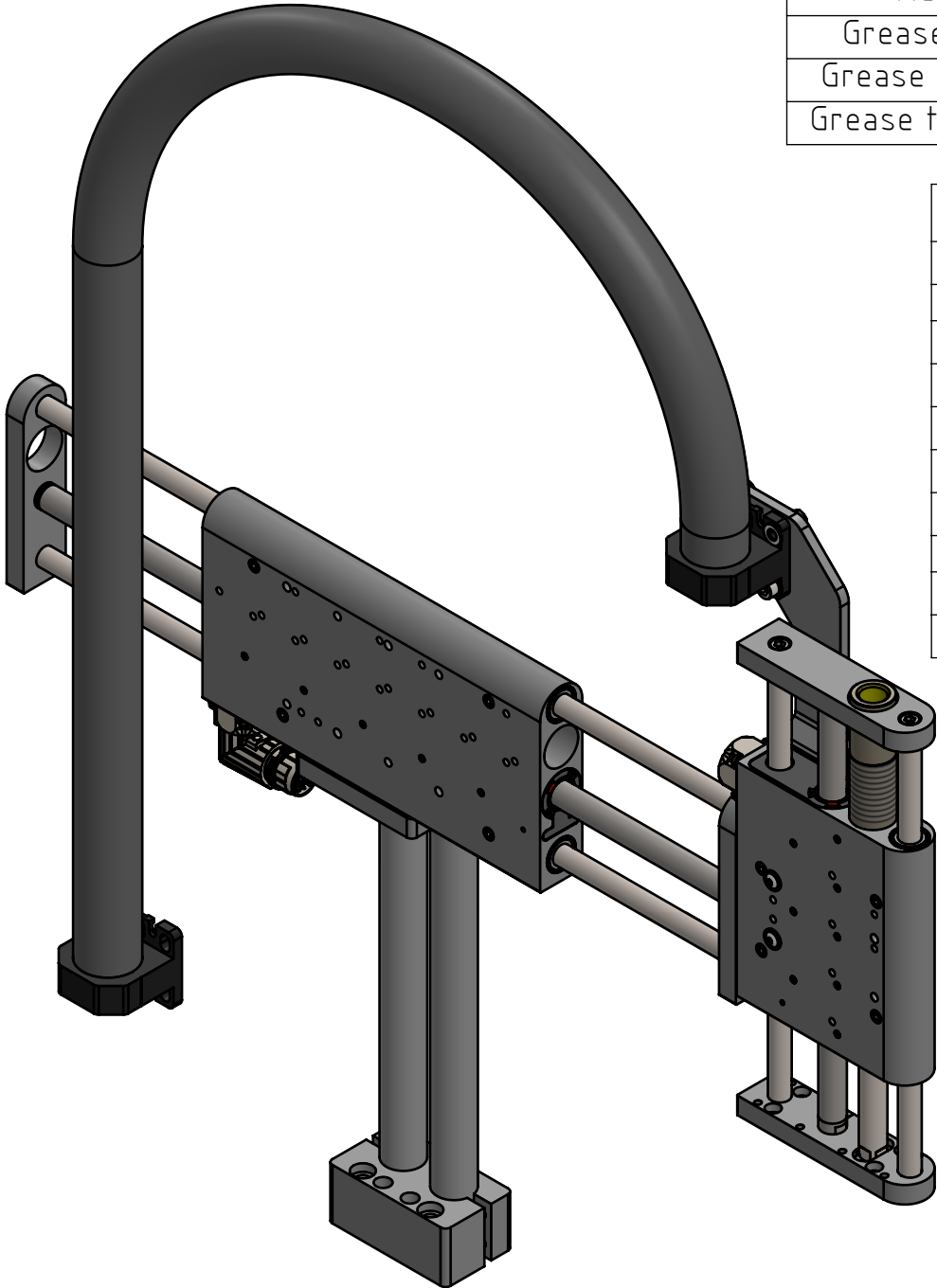
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A	Document created	26.01.2026	JB	FH
Rev.	Change	Date	Author	Appr.

General tolerance DIN ISO 2768 - mK	Created by J.-E. Beekhuis	Status 26.01.2026/jb	Material	
LinMot®	File name 0380-0086_PP03_210-23x160H_100-23x80F-MS11_MT01_TC01	☐ Safety Rel. ☐ UL-Rel.		Weight (g)
NTI AG LinMot & MagSpring Bodenaeckerstrasse 2 CH-8957 Spreitenbach	Title, additional title PP03_210-23x160H_ 100-23x80F-MS11_MT01_TC01 Pick&Place / DM03-23 & DM03-23	Document type Assembly drawing		Drawing number / Index 0380-0086A
Template type: SW2020 Version: V1-1 SW_A2_hori_Sheet_format_V1-1	Art.No: 0300-0017	Scale 2:3		Sheet 1 / 3 A2

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Stage type	PP03_210-23x160H_100-23x80F-MS11_MT01_TC01	
Motor type	Horizontal: 0150-6769 DM03-23x160H-XP-R-210_CS10	Vertical: 0150-6024 DM03-23x80F-XP-R-100_CS10_MS11
Stroke	210	100
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]	0.990	0.730
Module mass [kg]	2.335	1.620
Pillar mass [kg]	1.530	
Cable weight [kg/m]	83.0	
Cable conduit weight [kg/m]	0.084	
Max. payload	see datasheet	see datasheet
Grease type - Motor	0150-1954 / 0150-1955 LU02	
Grease type - Bearings	0230-0061 SKF LGFP 2	
Grease type - MagSpring	0150-1954 / 0150-1955 LU02	

Accessories		
Stage type	PP03_210-23x160H_100-23x80F-MS11_MT01_TC01	
Motor type	Horizontal: 0150-6769 DM03-23x160H-XP-R-210_CS10	Vertical: 0150-6024 DM03-23x80F-XP-R-100_CS10_MS11
Safety	Not available	Not available
Clean room	Not available	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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	Title, additional title PP03_210-23x160H_ 100-23x80F-MS11_MT01_TC01		☐ UL-Rel.	
	Pick&Place / DM03-23 & DM03-23 Art.No.: 0300-0017		Document type Assembly drawing	
Template type: SW2020 Version: V1-1 SW_A3_hori_Sheet_format_V1-1			Drawing number / Index 0380-0086A	
Scale 1:3			Sheet 2 / 3	A3

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4x Ø5.5
elongated holes

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

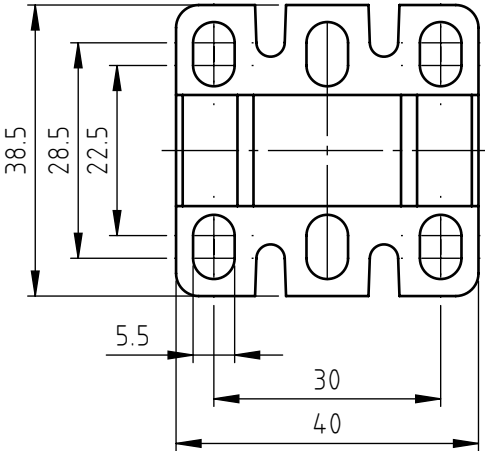
4x ISO 4762 M5x18
8x ISO 7089 Ø5.3
4x ISO 7041 M5

2x ISO 7380-2 M4x30

2x ISO 2338 Ø4x12
4x ISO 4762 M4x14

2x ISO 2338 Ø4x10

4x ISO 4762 M4x12



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				Drawing number / Index 0380-0086A	
				Scale 3:5	Sheet 3 / 3
					A2