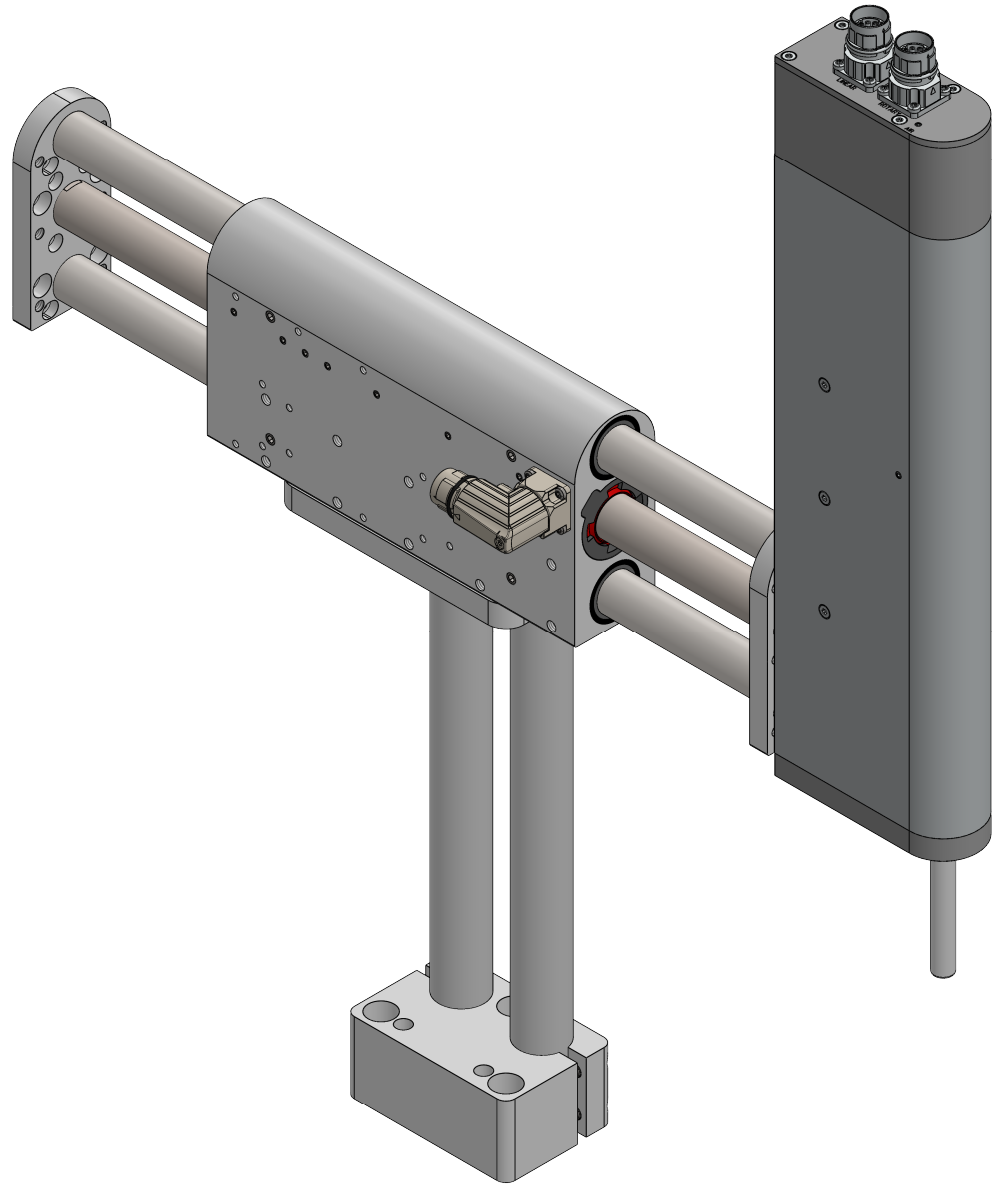
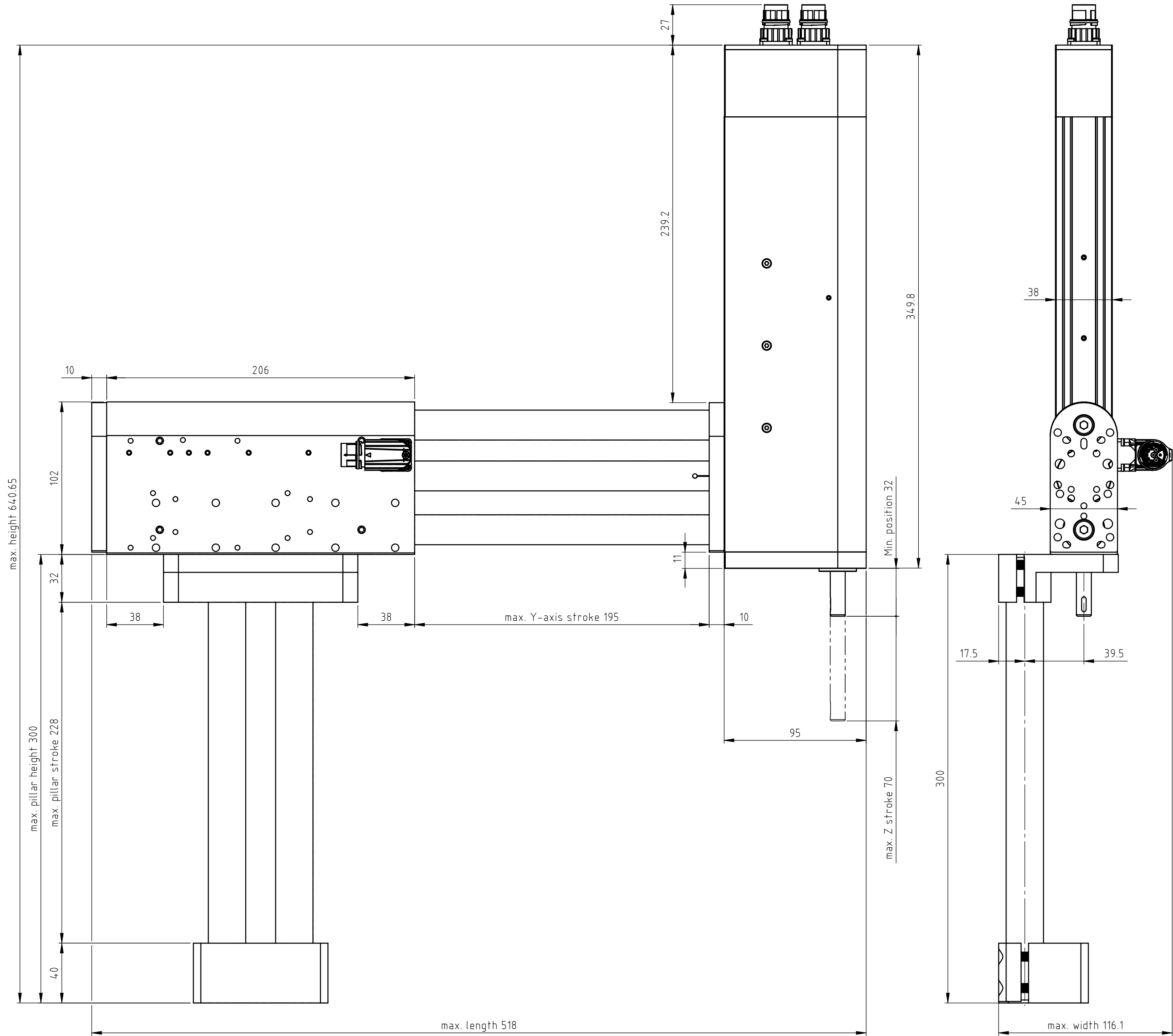


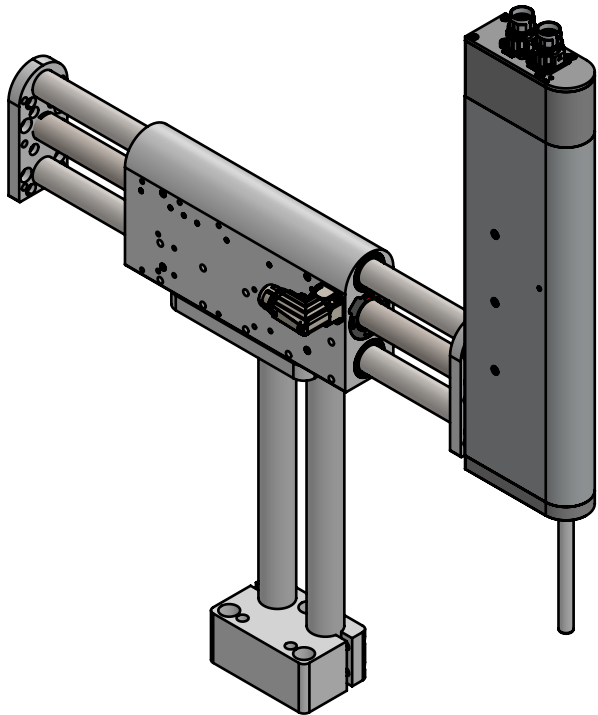
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A	Document created	16.05.2025	JB	FH
Rev.	Change	Date	Author	Appr.

General tolerance DIN ISO 2768 - mK	Created by J.-E. Beekhuis	Status 16.05.2025/jb	Material	
LinMot®	File name 0380-0023_PP05_195-37x120F_70-38x51-MS11_MT02	Title, additional title PP05_195-37x120F_70-38x51-MS11_MT02		☐ Safety Rel. ☐ UL-Rel.
NTI AG LinMot & MagSpring Bodenaeckerstrasse 2 CH-8957 Spreitenbach	Document type Assembly drawing		Weight (g)	
Template type: SW2020 Version: V1-1 SW_A2_hori_Sheet_format_V1-1	Drawing number / Index 0380-0023A		Sheet 1 / 3	
Pick&Place / DM01-37x120 & PR02-38		Art.No.: 0300-0010		Scale 1:2
				Sheet 1 / 3
				A2

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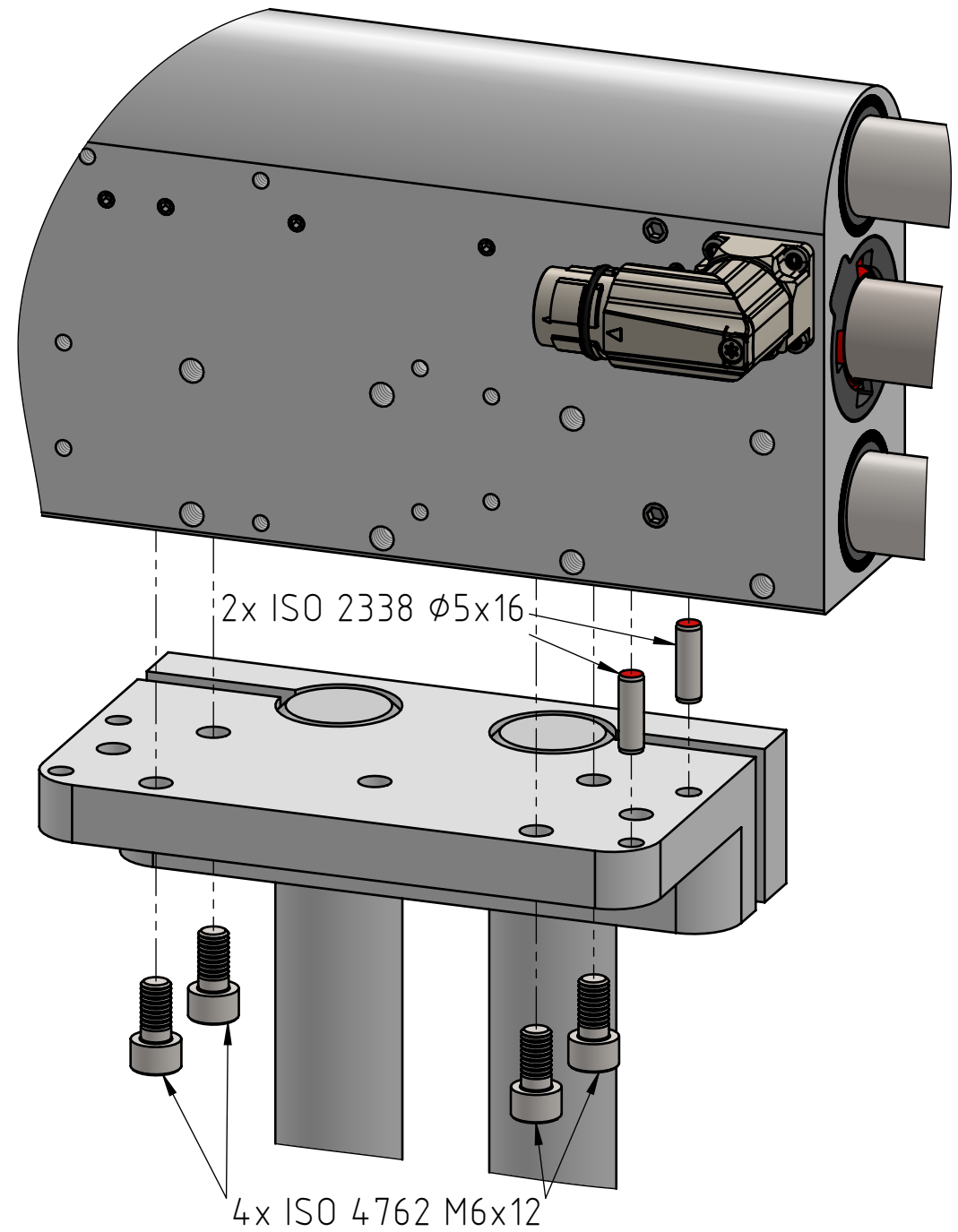
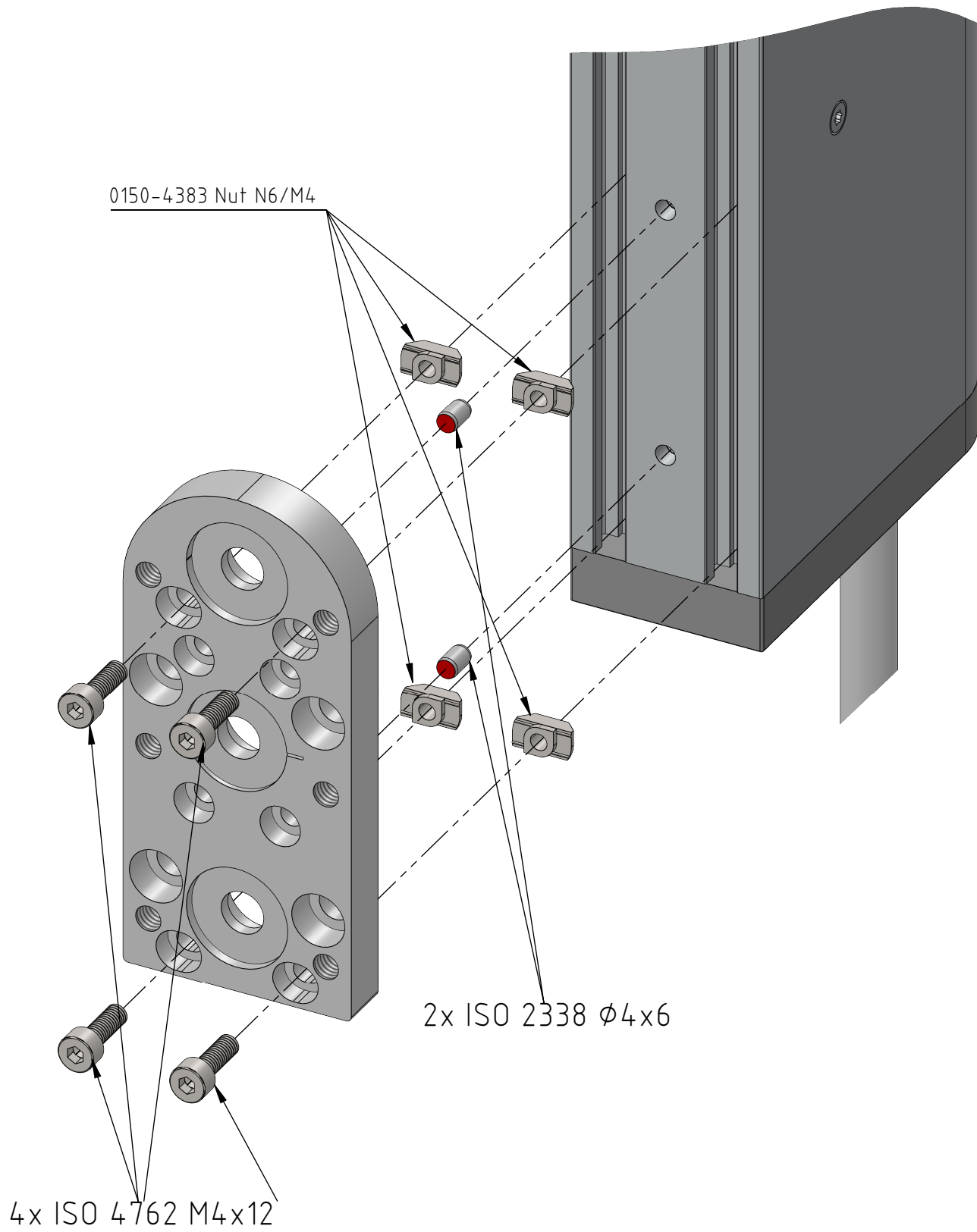
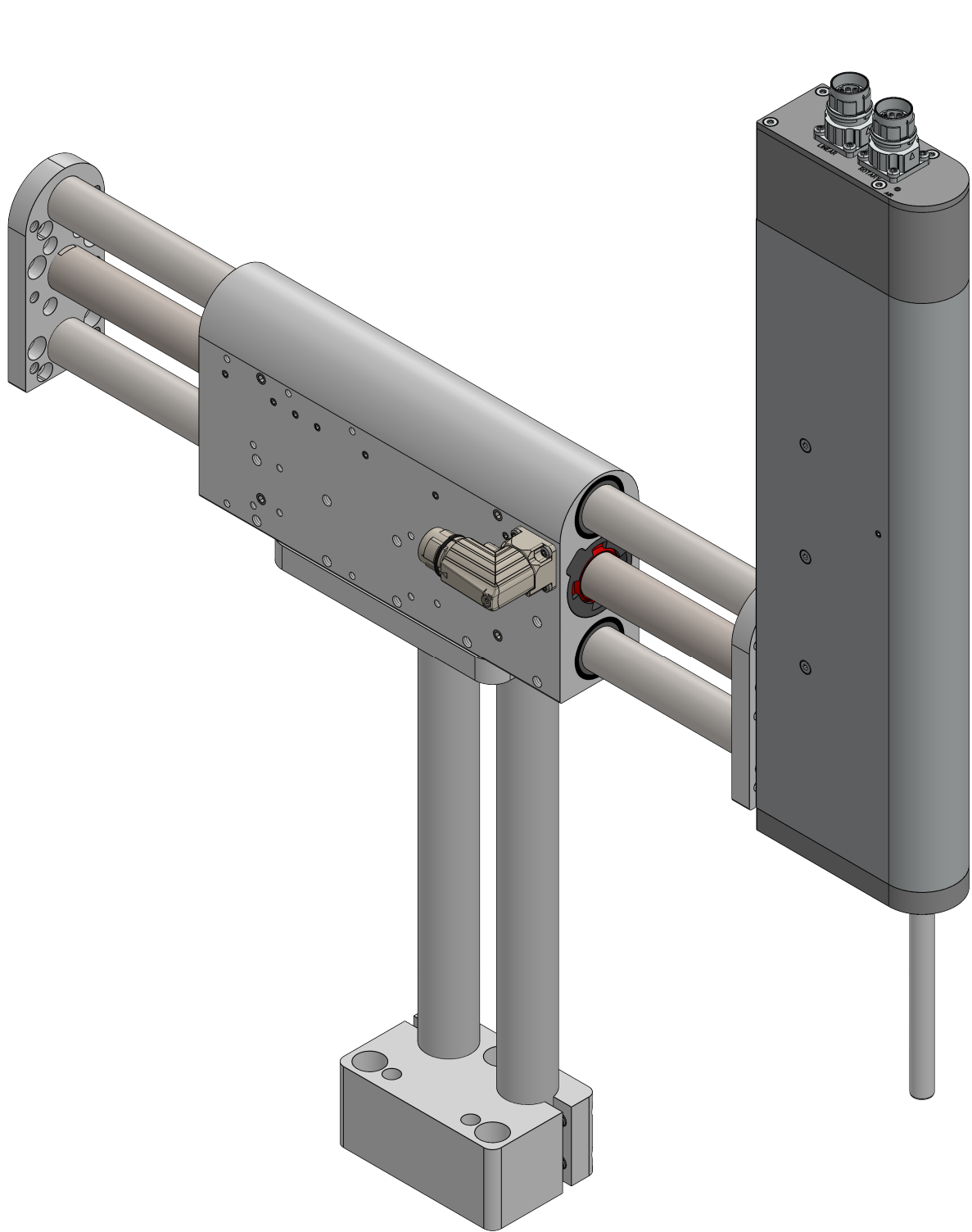
Stage type	PP05_195-37x120F_70-38x51-MS11_MT02		
Motor type	Horizontal: 0150-4014 DM01-37x120F-HP-R-195	Vertical: 0150-4161 PR02-38x51-R_23x80F-HP-R-70_MS11	
Movement		Linear	Rotation
Stroke [mm] [°]	210	70	
Max. Force@72VDC [N]	255	67.1 ±10%	-
Max. Torque [Nm]	-	-	1.2 ±10%
Repeatability [mm] [°]	±0.05	±0.05	±0.1
Max. acceleration [m/s2]			
Max. Velocity@72VDC [m/s] Max. rotational speed [rpm]	3.8	7.3	1500
Moving mass [kg] Moment of inertia [kg×cm2]	2.200	0.520	0.038
Module mass [kg]	4.180	2.610	
Pillar mass [kg]	3.200		
Grease type - Motor	0150-1954 / 0150-1955 LU02		
Grease type - Bearings	0260-0061 SKF LGFP 2		

Accessories		
Stage type	PP05_195-37x120F_70-38x51-MS11_MT02	
Motor type	Horizontal: 0150-4014 DM01-37x120F-HP-R-195	Vertical: 0150-4161 PR02-38x51-R_23x80F-HP-R-70_MS11
Safety	Available: not chosen	Not available
Clean room	Available: not chosen	Not available
External encoder	Available: not chosen	Not available
Cable guide	Available: not chosen	
Pillar system	Chosen: 0150-6831 PP03_MT02	
Hollow shaft	Not available	Available: not chosen
MagSpring	Not available	Chosen: MS11
Torque sensor	Not available	Available: not chosen
Force sensor	Available: not chosen	Available: not chosen
Angled motor connector	Not available	Available: not chosen
Fan Kit	Available: not chosen	Not available

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LinMot®	0380-0023_PP05_195-37x120F_70-38x51-MS11_MT02		☐ Safety Rel. ☐ UL-Rel.	Weight (g)
NTI AG LinMot & MagSpring Bodenaeckerstrasse 2 CH-8957 Spreitenbach	Title, additional title PP05_195-37x120F_ 70-38x51-MS11_MT02		Document type Assembly drawing	
	Pick&Place / DM01-37 & PR02-38 Art.No.: 0300-0010		Drawing number / Index 0380-0023A	
Template type: SW2020 Version: V1-1 SW_A3_hori_Sheet_format_V1-1	Scale 1:5		Sheet 2 / 3	A3

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General tolerance DIN ISO 2768 - mK		Created by J.-E. Beekhuis	Status 16.05.2025/jb	Material	
LinMot®		File name 0380-0023_PP05_195-37x120F_70-38x51-MS11_MT02		☐ Safety Rel.	Weight (g)
NTI AG LinMot & MagSpring Bodenaeckerstrasse 2 CH-8957 Spreitenbach		Title, additional title PP05_195-37x120F_ 70-38x51-MS11_MT02		☐ UL-Rel.	
Template type: SW2020 Version: V1-1 SW_A2_hori_Sheet_format_V1-1		Pick&Place / DM01-37x120 & PR02-38 Art.No: 0300-0010		Document type Assembly drawing	
				Drawing number / Index 0380-0023A	
				Scale 3:5	Sheet 3 / 3
					A2