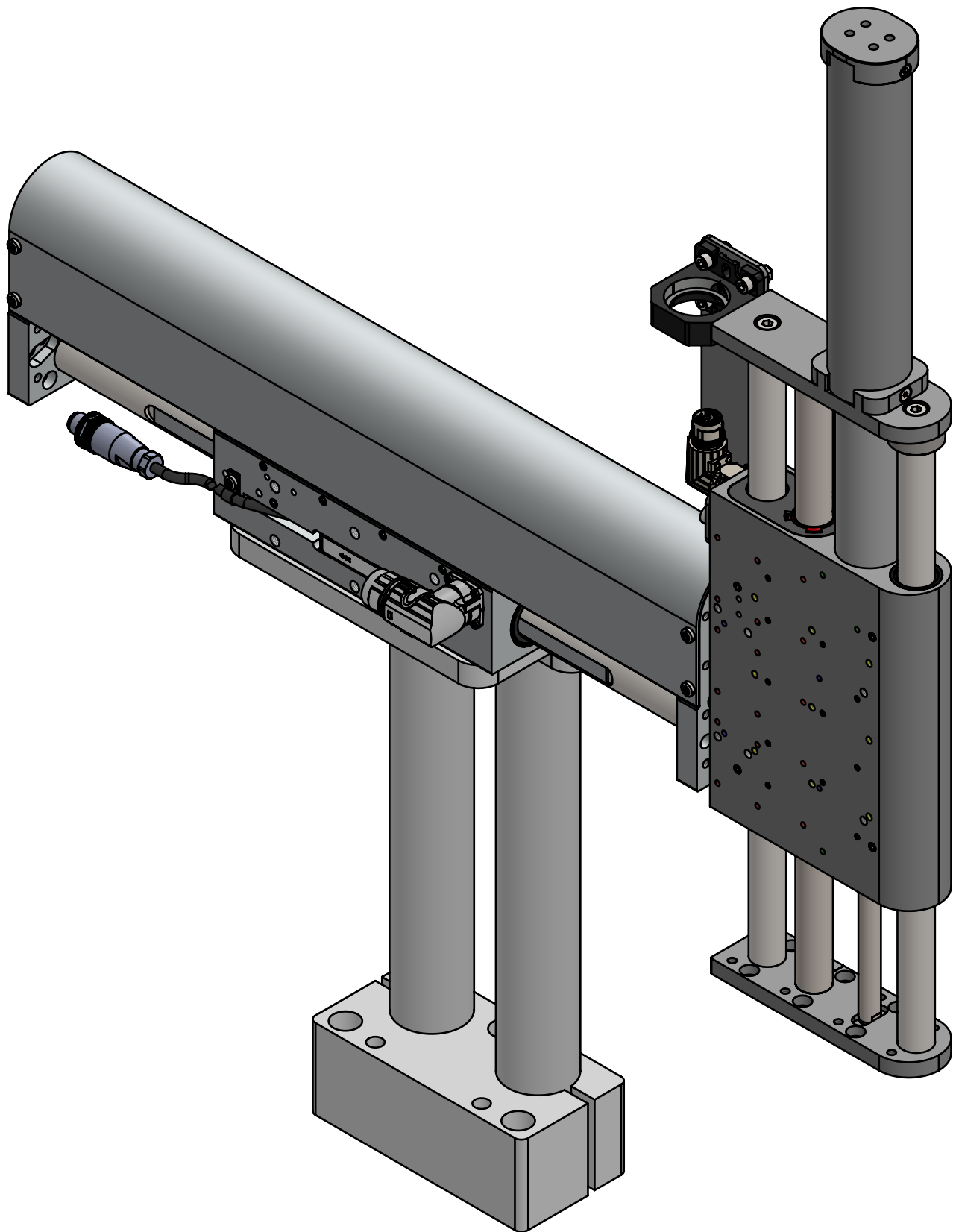
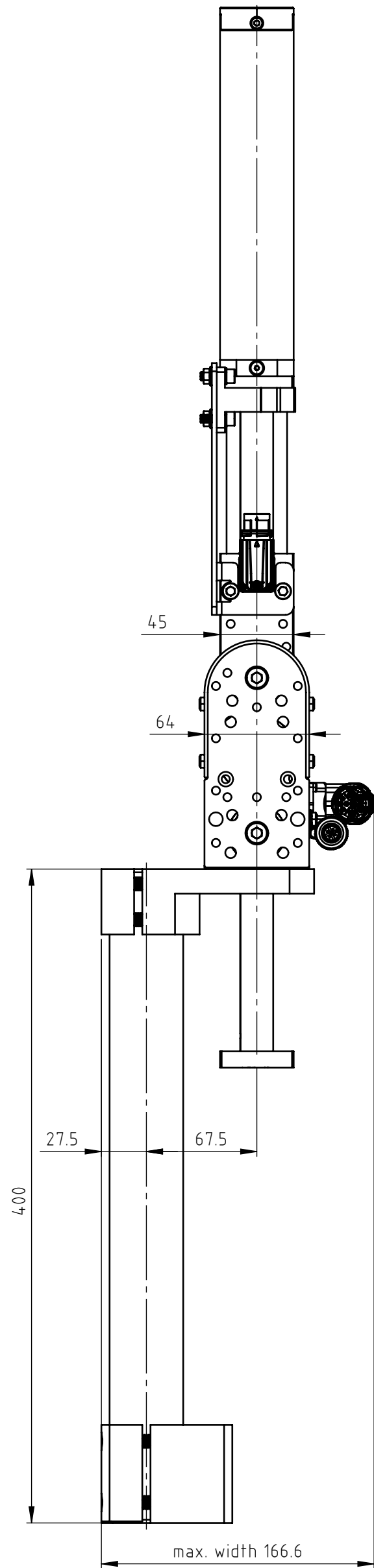
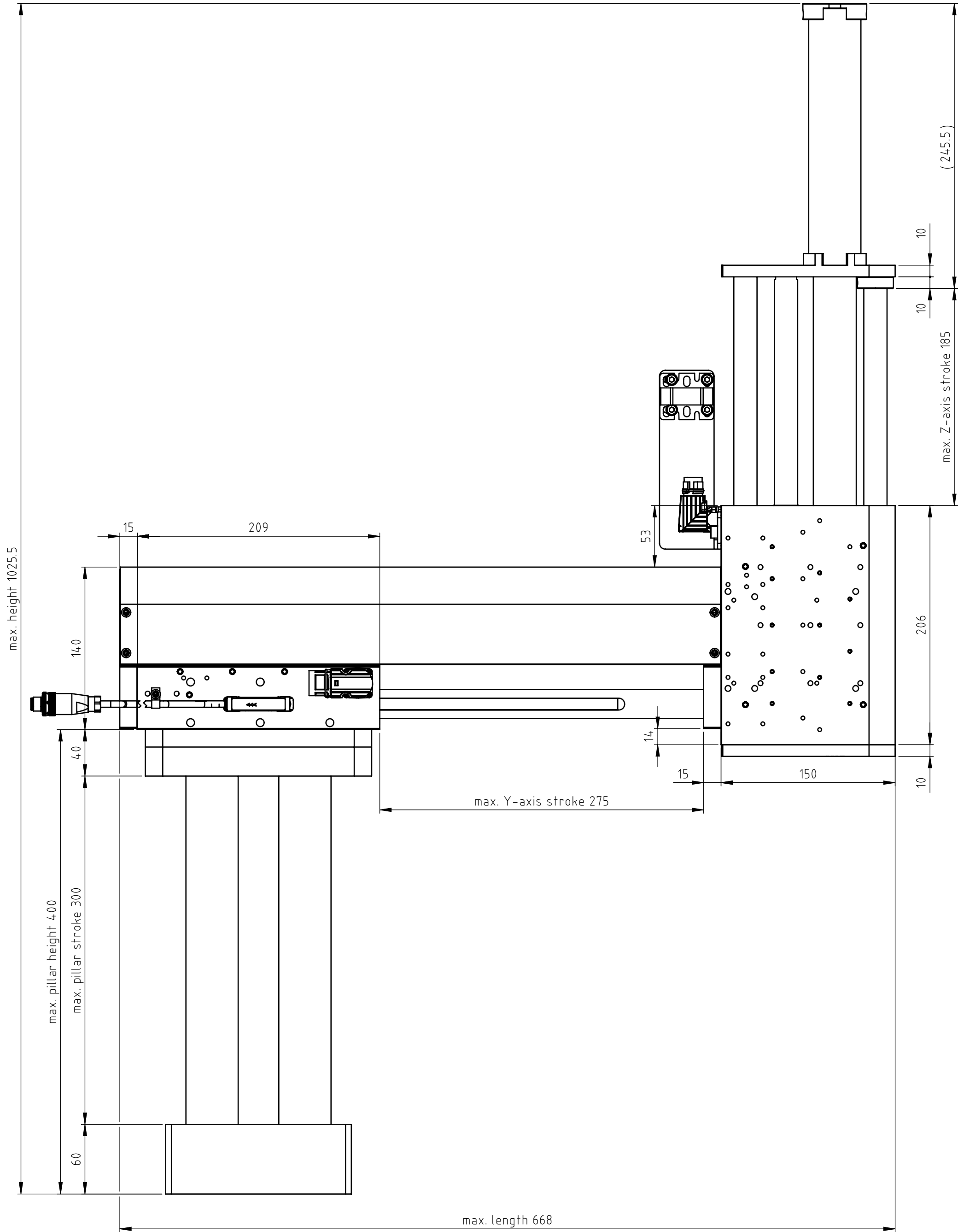


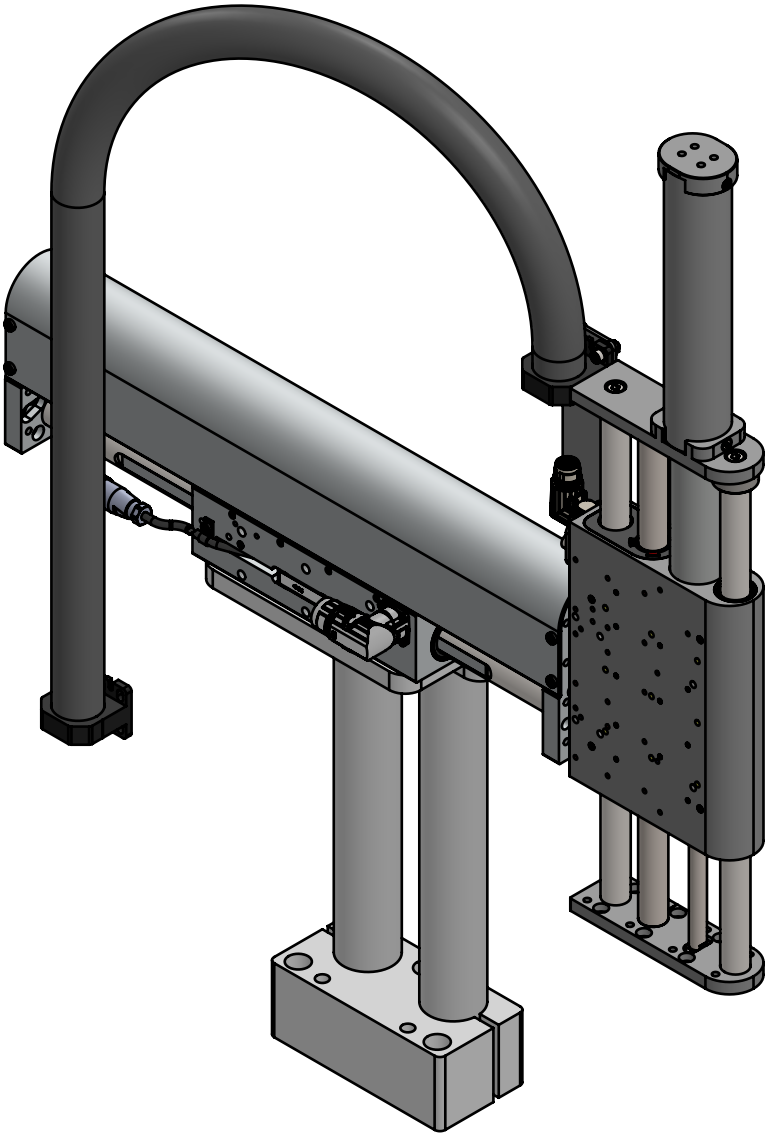
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Rev.	Change	Date	Author	Appr.

General tolerance DIN ISO 2768 - mK	Created by J.-E. Beekhuis	Status 23.12.2025/jb	Material		
LinMot®	File name 0380-0122_PP03_275-48x150-EN02_185-37x120-MS31_MT03_TC17	☐ Safety Rel. ☐ UL-Rel.		Weight (g)	
	Title, additional title PP03_275-48x150G-EN02_ 185-37x120F-MS31_MT03_TC17	Document type Assembly drawing			
	Pick&Place / DM01-48x150 & DM03-37	Drawing number / Index 0380-0122A			
	Template type: SW2020 Version: V1-1 SW_A2_hori_Sheet_format_V1-1	Art.No: 0300-0022	Scale 1:3		Sheet 1 / 3

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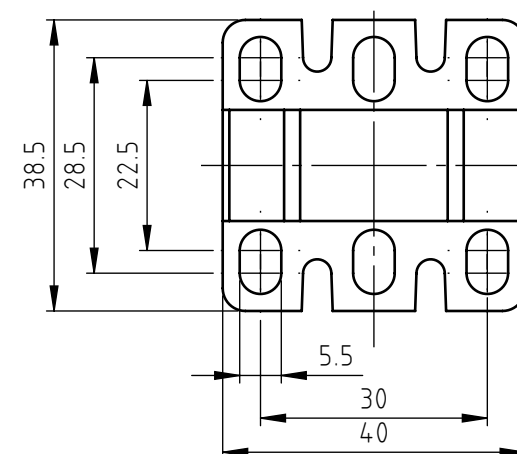
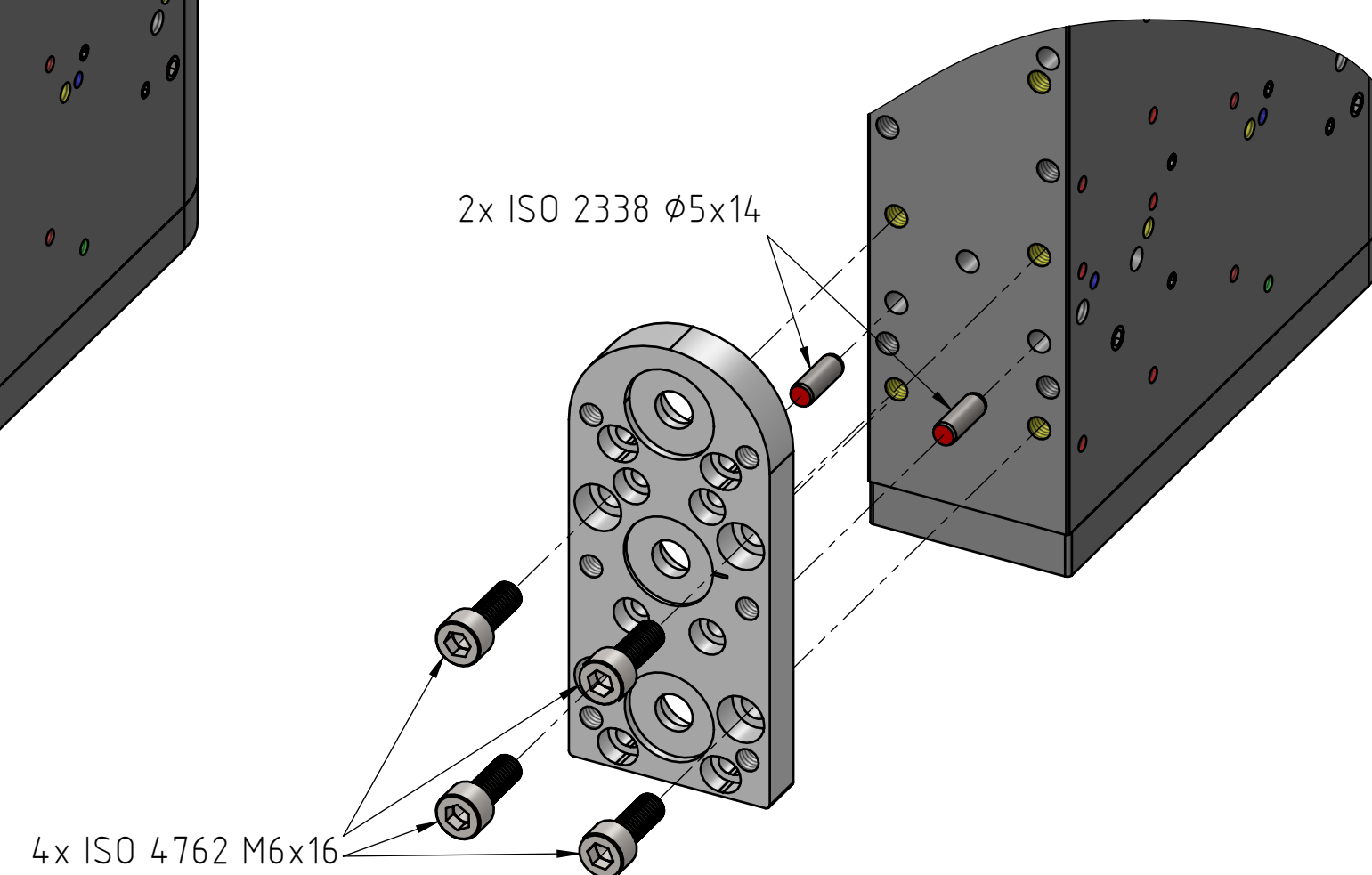
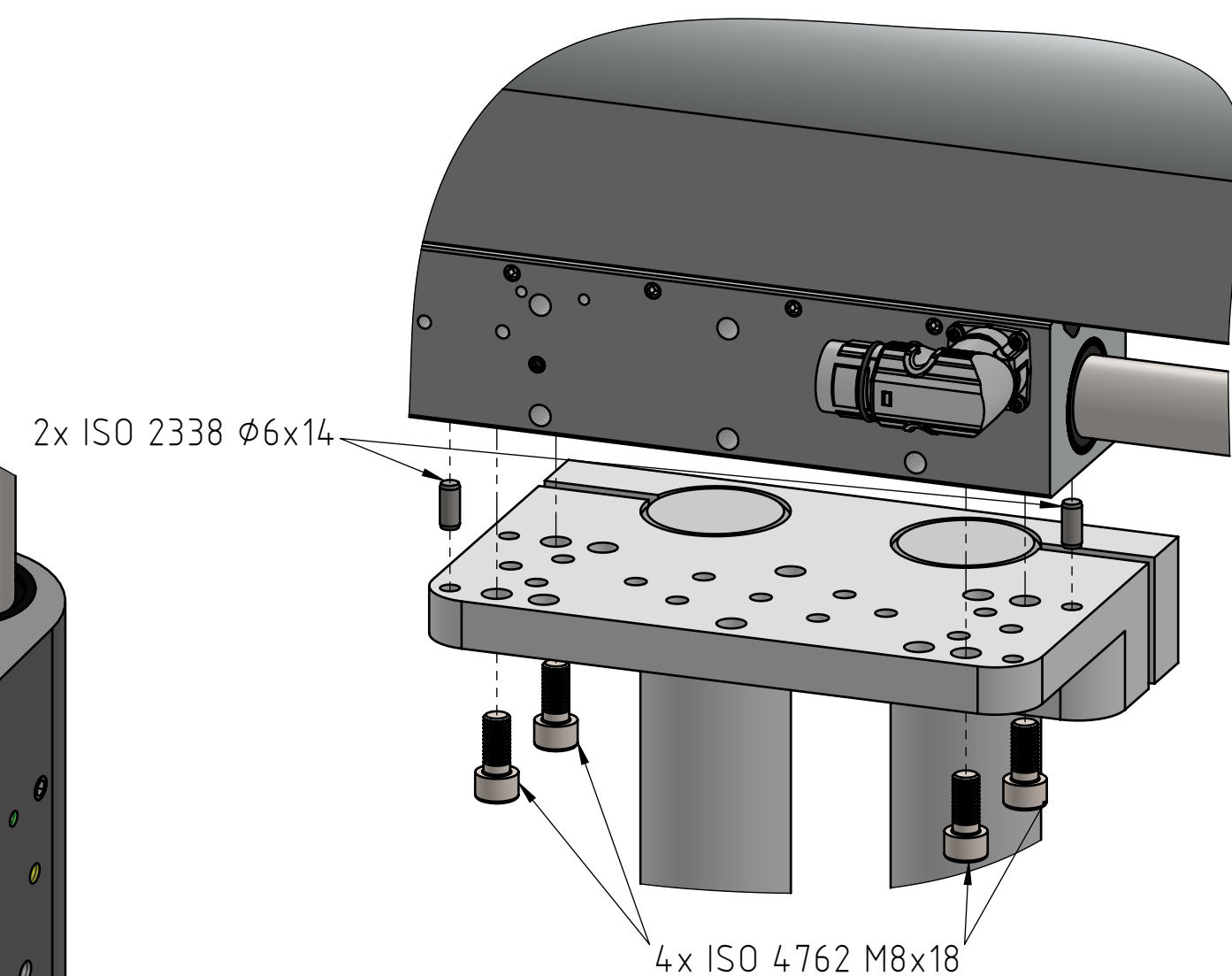
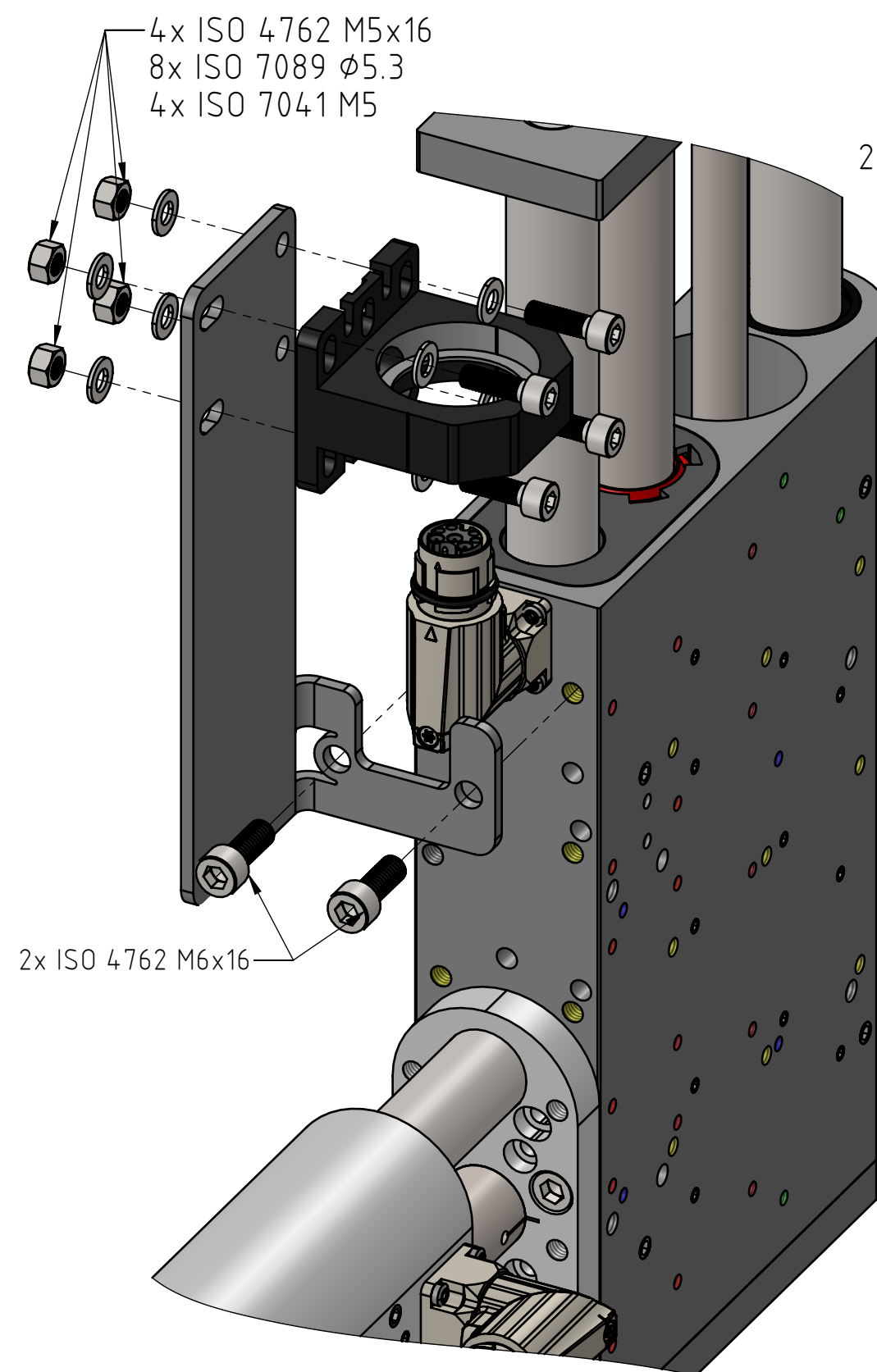
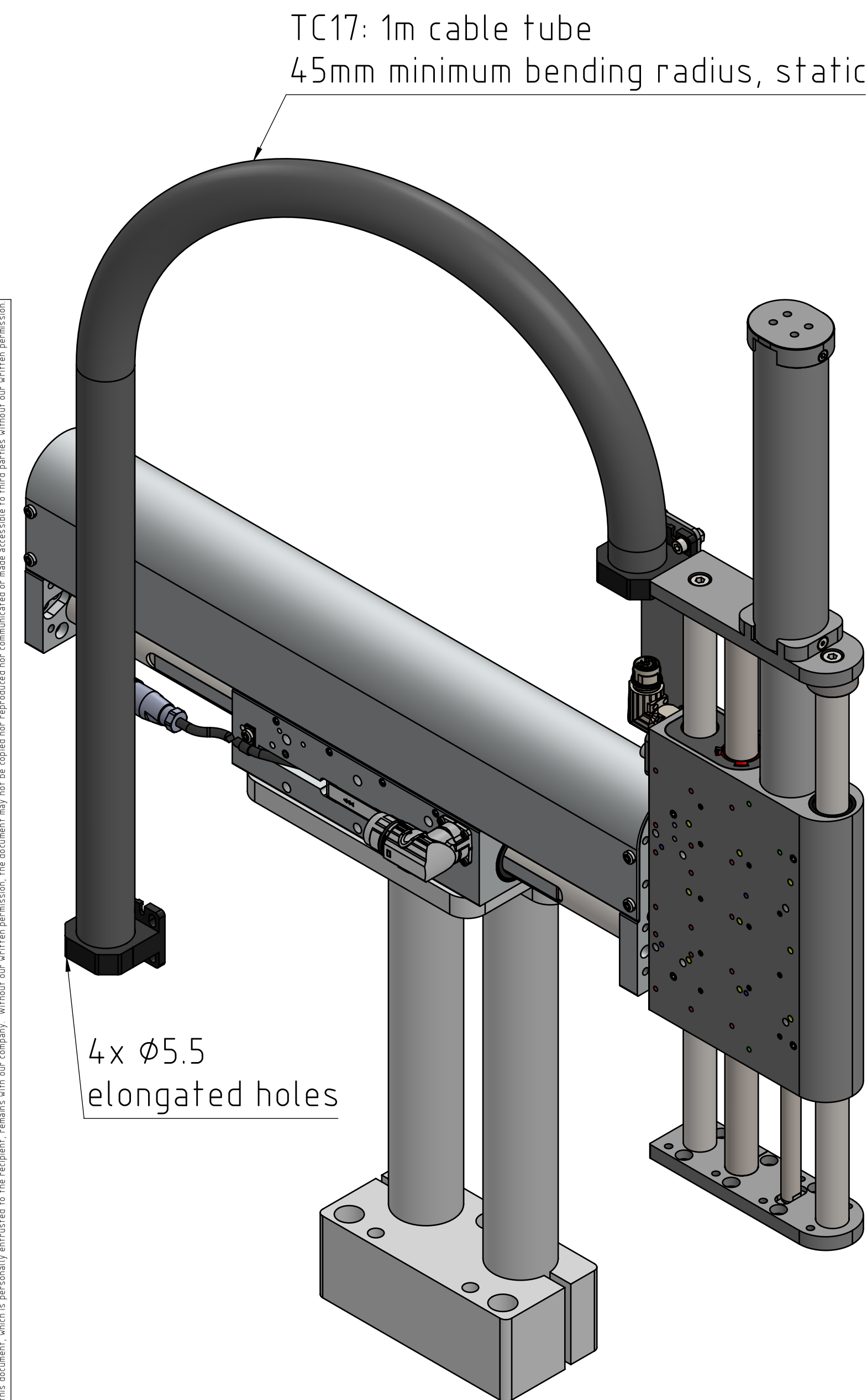
Stage type	PP03_275-48x150-EN02_185-37x120-MS31_MT03_TC17	
Motor type	Horizontal: 0150-6365 DM01-48x150G-HP-C-275_CS01_EN02	Vertical: 0150-6009 DM03-37x120F-HP-R-185_CS10_MS31
Stroke	275	185
Max. Force@48VDC [N]	360	255
Max. Force@72VDC [N]	360	255
Position resolution [mm]	0.001	0.002
Repeatability [mm]	±0.001	±0.05
Max. acceleration [m/s2]	< 50	< 50
Max. Velocity@48VDC [m/s]	2.7	2.5
Max. Velocity@72VDC [m/s]	4.1	3.8
Deviation	see datasheet	see datasheet
Moving mass [kg]	5.570	2.670
Module mass [kg]	9.450	6.710
Pillar mass [kg]	12.260	
Cable weight [kg/km]	83.0	
Cable tube weight [kg/m]	0.084	
Max. payload	see datasheet	see datasheet
Grease type - Motor	0150-1954 / 0150-1955 LU02	
Grease type - Bearing	0260-0061 SKF LGFP 2	
Grease type - MagSpring	0150-1954 / 0150-1955 LU02	

Accessories		
Stage type	PP03_275-48x150-EN02_185-37x120-MS31_MT03_TC17	
Motor type	Horizontal: 0150-6365 DM01-48x150G-HP-C-275_CS01_EN02	Vertical: 0150-6009 DM03-37x120F-HP-R-185_CS10_MS31
Safety	Available: not chosen	Not available
Clean room	Available: not chosen	Not available
External sensor	Chosen: 0150-4717 MS01-1/D-BiSS	Not available
Cover	Chosen	Not available
Cable guide	Chosen: 0150-6835 PP03_TC17	
Pillar system	Chosen: 0150-6832 PP03_MT03	
Force sensor	Available: not chosen	Available: not chosen
Fan Kit	Available: not chosen	Not available

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General tolerance DIN ISO 2768 - mK	Created by J.-E. Beekhuis	Status 23.12.2025/ jb	Material	
LinMot® NTI AG LinMot & MagSpring Bodenaeckerstrasse 2 CH-8957 Spreitenbach	0380-0122_PP03_275-48x150-EN02_185-37x120-MS31_MT03_TC17		☐ Safety Rel.	Weight (g)
	Title, additional title PP03_275-48x150G-EN02_185-37x120F-MS31_MT03_TC17		☐ UL-Rel.	
	Pick&Place / DM01-48x150 & DM03-37 Art.No.: 0300-0022		Document type Assembly drawing	
Template type: SW2020 Version: V1-1 SW_A3_hori_Sheet_format_V1-1			Drawing number / Index 0380-0122A	
Scale 1:5				Sheet 2 / 3
				A3

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General tolerance DIN ISO 2768 - mK		Created by J.-E. Beekhuis	Status 23.12.2025/jb	Material	
LinMot®		File name 0380-0122_PP03_275-48x150-EN02_185-37x120-MS31_MT03_TC17		☐ Safety Rel. ☐ UL-Rel.	
NTI AG LinMot & MagSpring Bodenaeckerstrasse 2 CH-8957 Spreitenbach		Title, additional title PP03_275-48x150G-EN02_ 185-37x120F-MS31_MT03_TC17 Pick&Place / DM01-48x150 & DM03-37		Document type Assembly drawing	
Template type: SW2020 Version: V1-1 SW_A2_hori_Sheet_format_V1-1		Art.No.: 0300-0022		Drawing number / Index 0380-0122A	
Scale 2:5				Sheet 3 / 3	A2