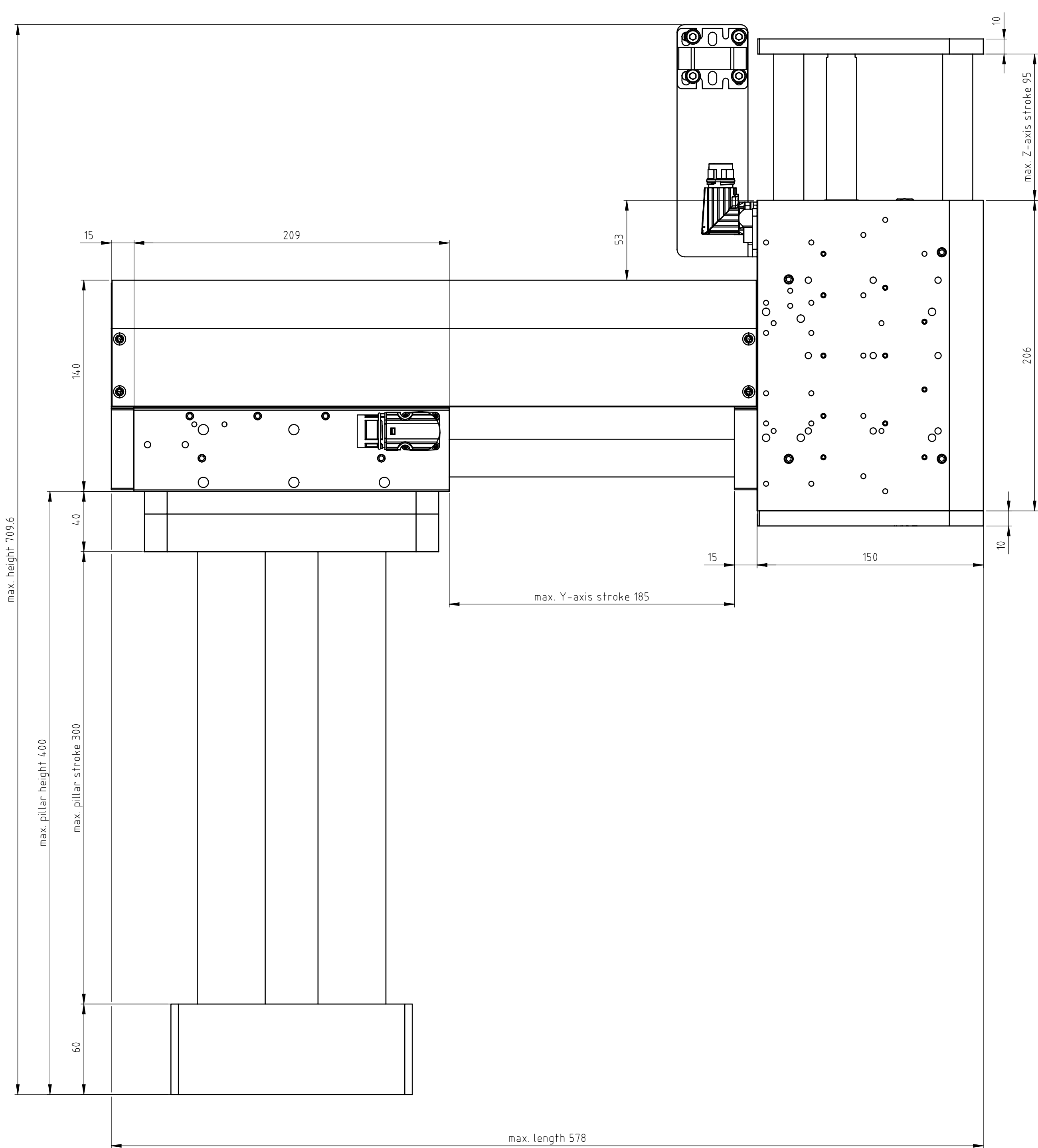
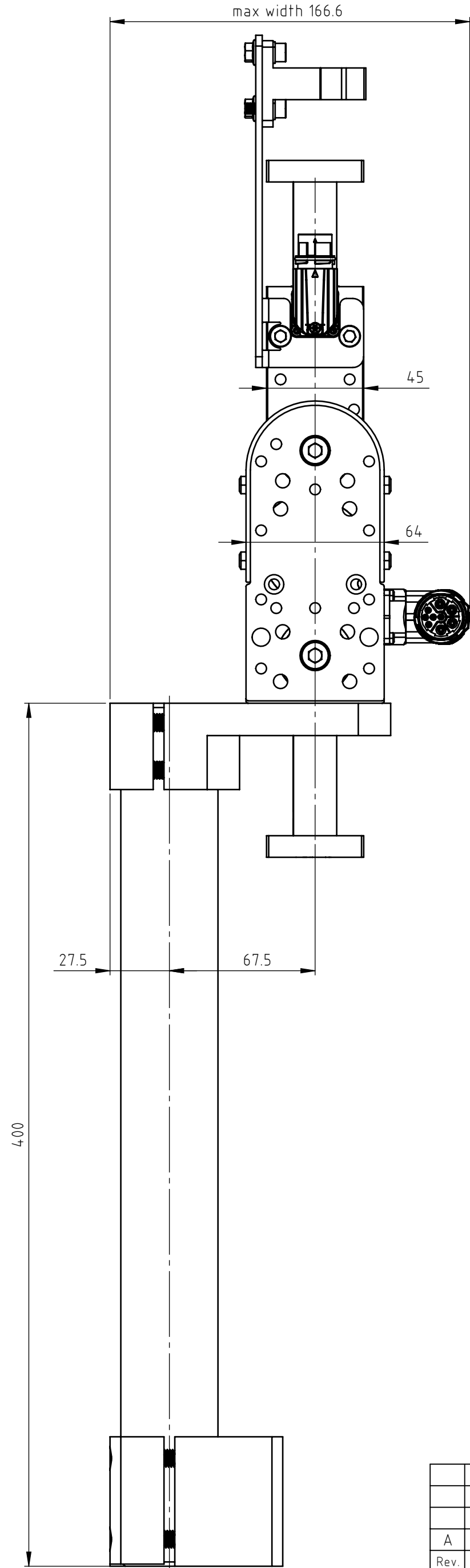
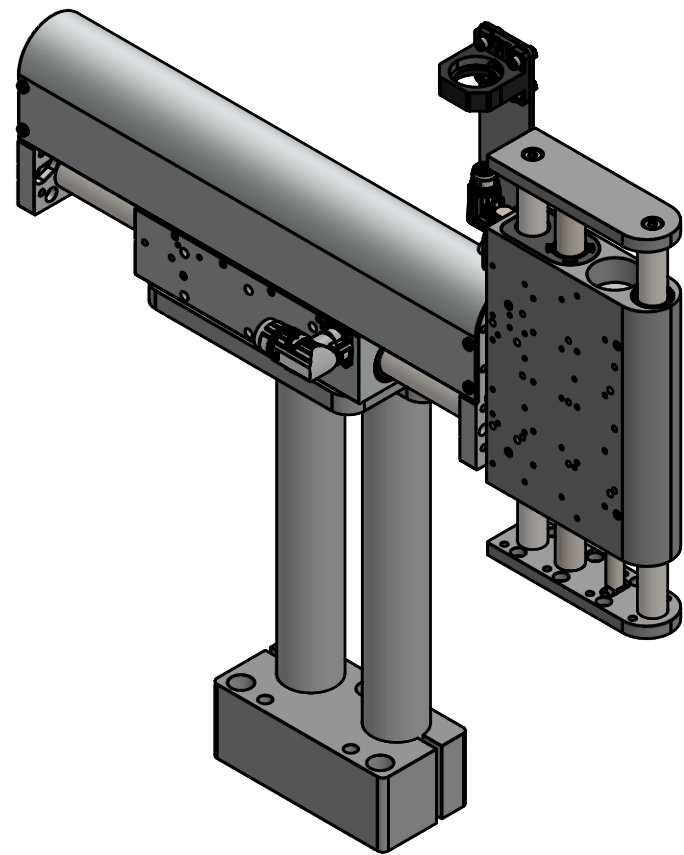


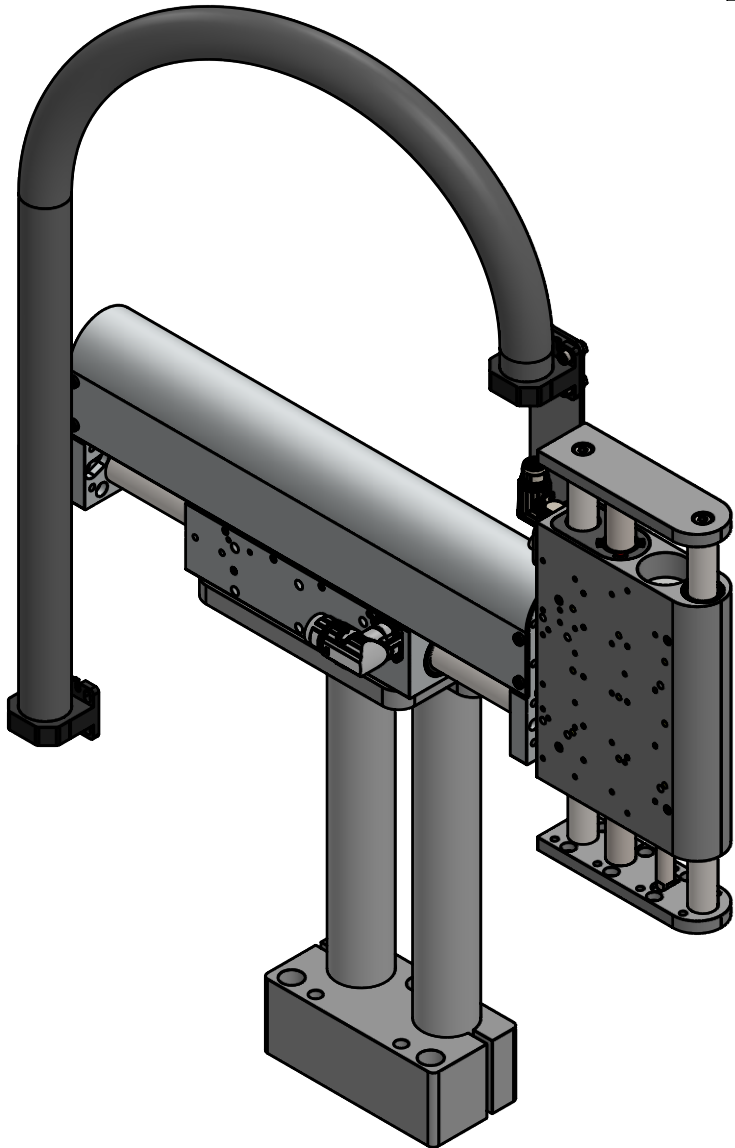
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Rev.	Change	Date	Author	Appr.

General tolerance DIN ISO 2768 – mK	Created by Erol.Mece	Status 14.09.2026/me	Material			
LinMot®	File name 0380-0209_PP03_185-48x150G_95-37x120F-MS02_MT03_TC17	☐ Safety Rel. ☐ UL-Rel.		Weight (g)		
	Title, additional title PP03_185-48x150G_ 95-37x120F-MS02_MT03_TC17 Pick&Place / DM01-48x150 & DM03-37x120 Art.No: 0300-0044	Document type Assembly drawing				
		Drawing number / Index 0380-0209A				
		Scale 1:2		Sheet 1 / 3	A2	
Template type: SW2020 Version: V1-1 SW_A2_hori_Sheet_format_V1-1						

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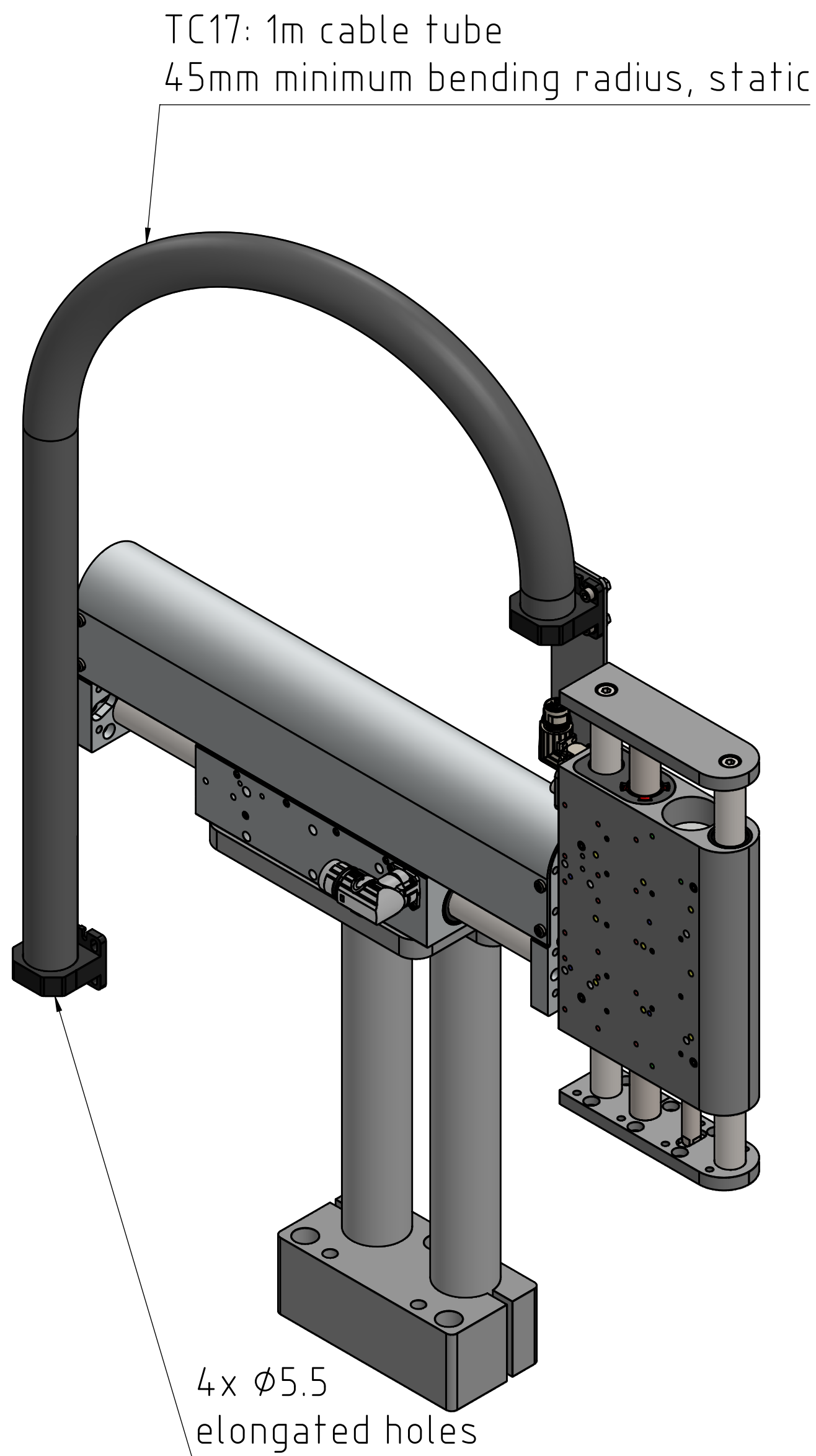
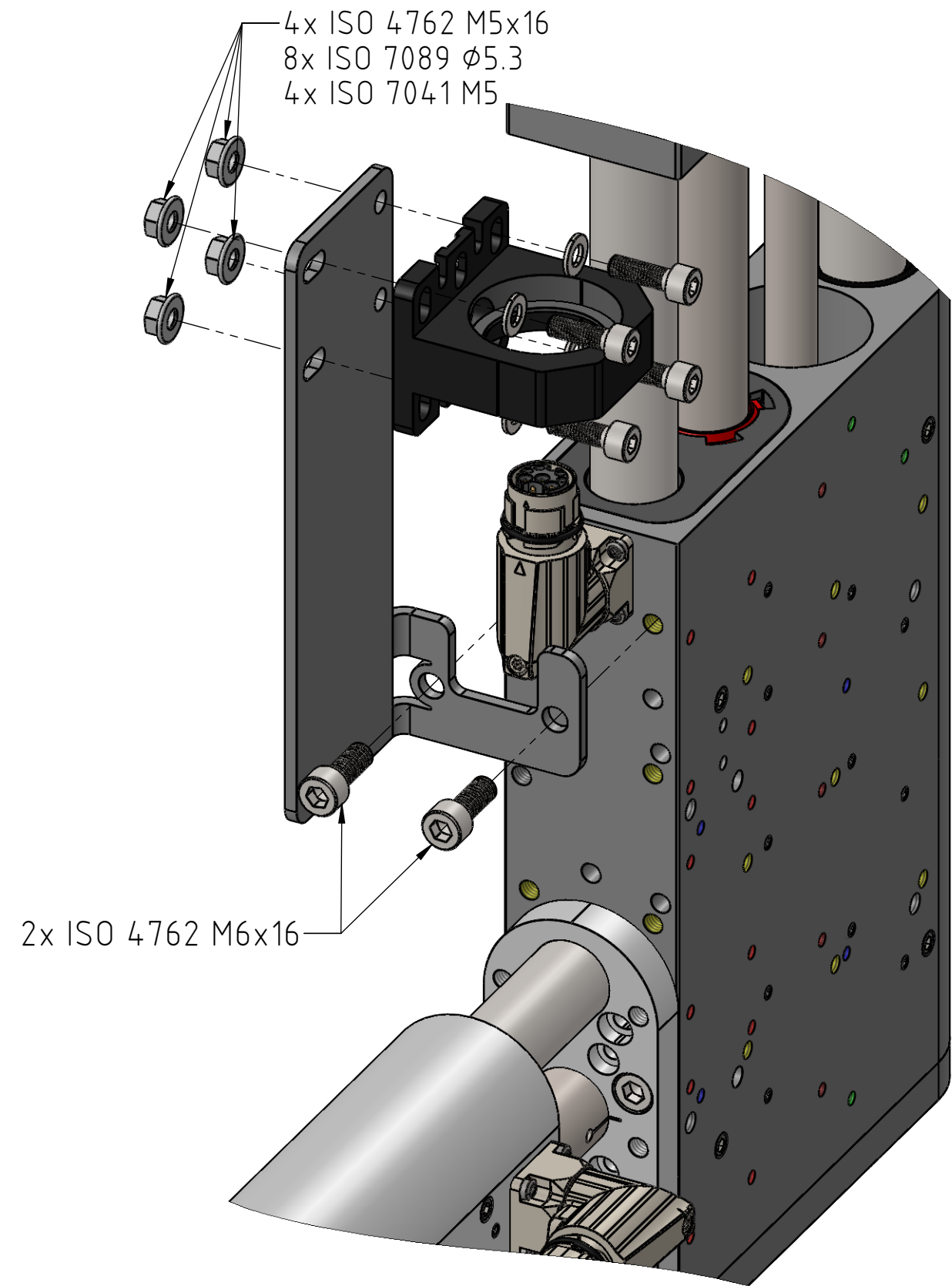
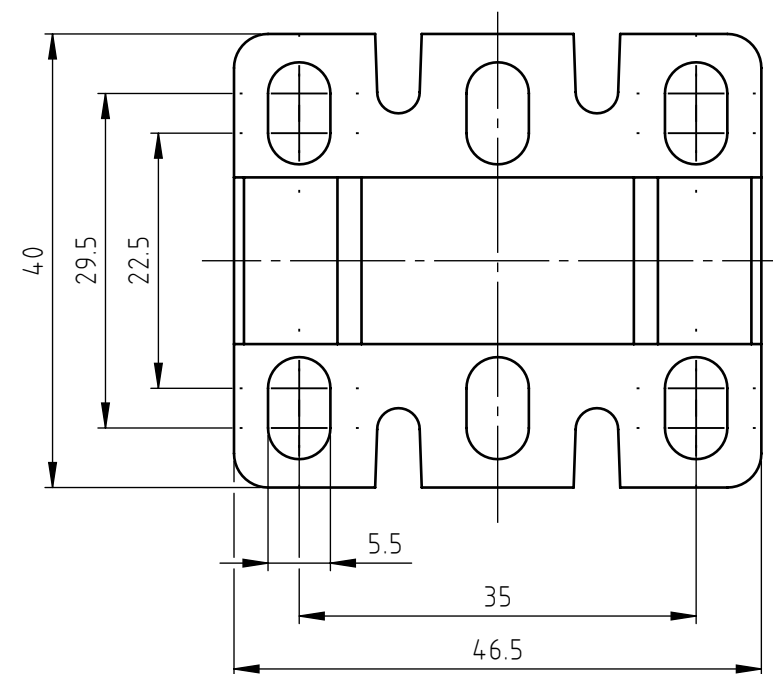
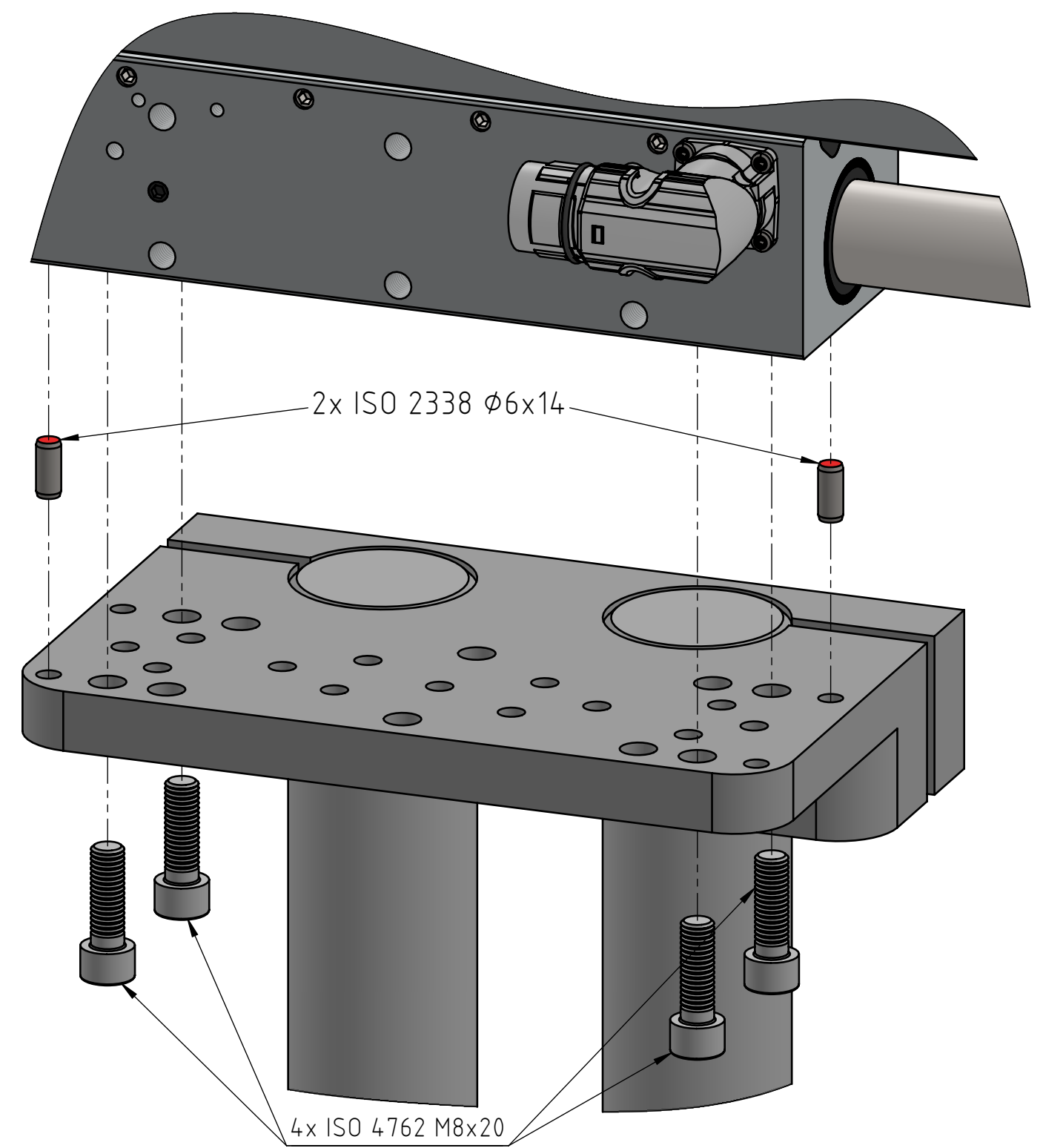
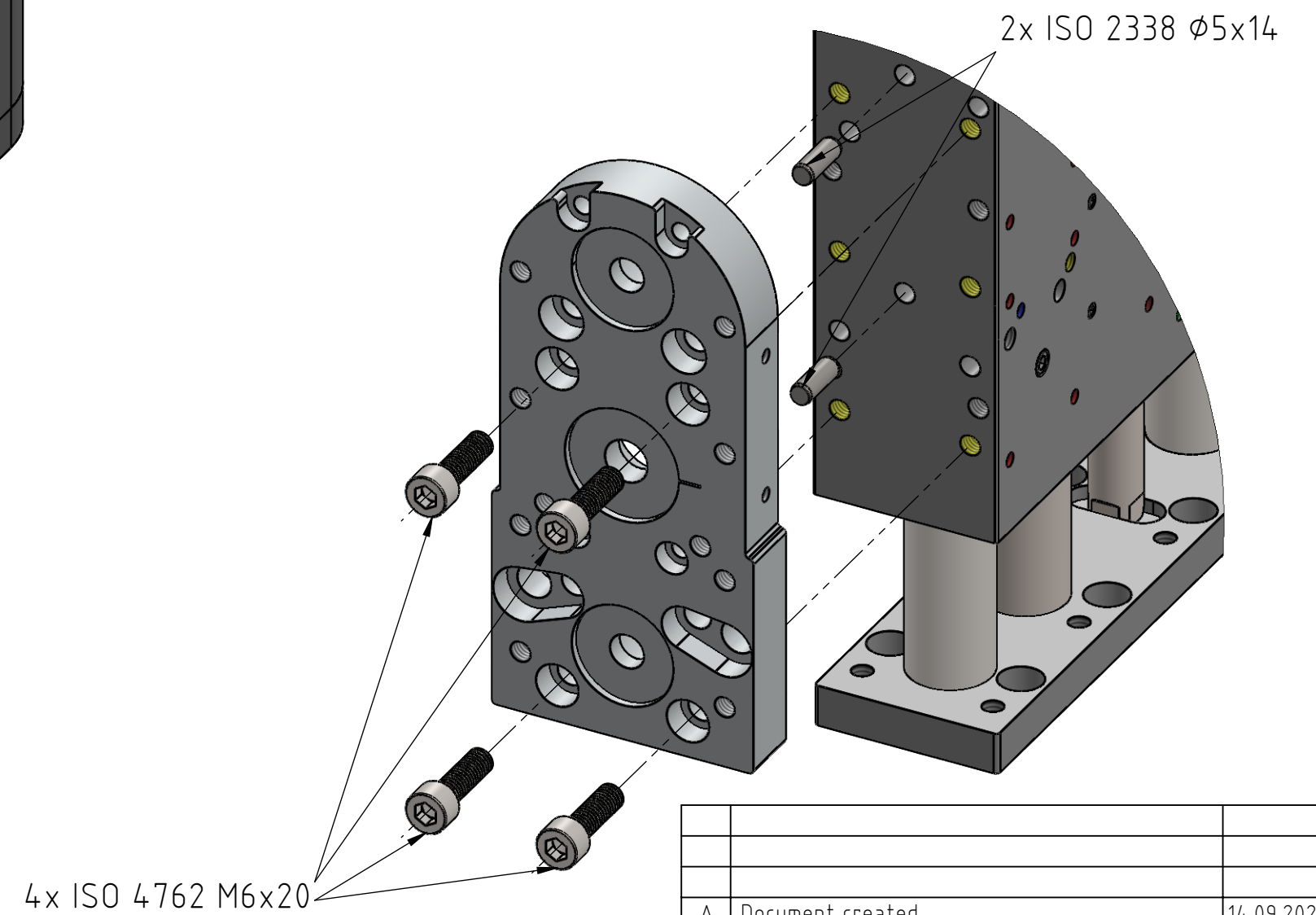
Stage type	PP03_185-48x150G_95-37x120F-MS02_MT03_TC17	
Motor type	Horizontal: 0150-4174 DM01-48x150G-HP-C-185_CS01	Vertical: 0150-5795 DM03-37x120F-HP-R-95_CS10_MS02
Serial number		
Stroke	185	95
Max. Force@48VDC [N]	360	255
Max. Force@72VDC [N]	360	255
Position resolution [mm]	0.007	0.002
Repeatability [mm]	±0.05	±0.05
Max. acceleration [m/s2]	< 50	< 50
Max. Velocity@48VDC [m/s]	2.5	2.5
Max. Velocity@72VDC [m/s]	3.8	3.8
Deviation	see datasheet	see datasheet
Moving mass [kg]	4.670	1.970
Module mass [kg]	8.540	5.540
Pillar mass [kg]	12.830	
Cable weight [kg/km]	83.0	
Cable tube weight [kg/m]	0.84	
Max. payload	see datasheet	see datasheet
Grease type - Motor	0150-6972 LU11-1000	
Grease type - Bearing	0260-0278 SKF LGFG 2/1	
Grease type - MagSpring	0150-6972 LU11-1000	

Accessories		
Stage type	PP03_185-48x150G_95-37x120F-MS02_MT03_TC17	
Motor type	Horizontal: 0150-4174 DM01-48x150G-HP-C-185_CS01	Vertical: 0150-5795 DM03-37x120F-HP-R-95_CS10_MS02
Motor cable	Not selected	Selected: 0150-3884 KS05-09-R/R-2
Safety	Not selected	Not selected
Clean room	Not selected	Not selected
External sensor	Not selected	Not selected
Cover	Not selected	Not selected
Cable guide	Chosen: 0150-6835 PP03_TC17	
Pillar system	Chosen: 0150-6832 PP03_MT03	
Force sensor	Not selected	Not selected
Fan Kit	Not selected	Not selected

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Rev.	Change	Date	Author	Appr.

General tolerance DIN ISO 2768 - mK	Created by Erol.Mece	Status 14.09.2026/me	Material	
NTI AG LinMot & MagSpring Bodenaeckerstrasse 2 CH-8957 Spreitenbach	0380-0209_PP03_185-48x150G_95-37x120F-MS02_MT03_TC17		☐ Safety Rel.	Weight (g)
			☐ UL-Rel.	
	Title, additional title PP03_185-48x150G_ 95-37x120F-MS02_MT03_TC17		Document type Assembly drawing	
Template type: SW2020 Version: V1-1 SW_A3_hori_Sheet_format_V1-1	Pick&Place / DM01-48x150 & DM03-37x120 Art.No.: 0300-0044		Drawing number / Index 0380-0209A	
Scale 1:5				Sheet 2 / 3
				A3

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General tolerance DIN ISO 2768 - mK		Created by Erol.Mece	Status 14.09.2026/me	Material	
File name LinMot®		Title, additional title 0380-0209_PP03_185-48x150G_95-37x120F-MS02_MT03_TC17		☐ Safety Rel.	Weight (g)
NTI AG LinMot & MagSpring Bodenaeckerstrasse 2 CH-8957 Spreitenbach		PP03_185-48x150G_95-37x120F-MS02_MT03_TC17		☐ UL-Rel.	
Template type: SW2020 Version: V1-1 SW_A2_hori_Sheet_format_V1-1		Pick&Place / DM01-48x150 & DM03-37x120 Art.No: 0300-0044		Document type Assembly drawing	
				Drawing number / Index 0380-0209A	
Scale 1:3				Sheet 3 / 3	
				A2	