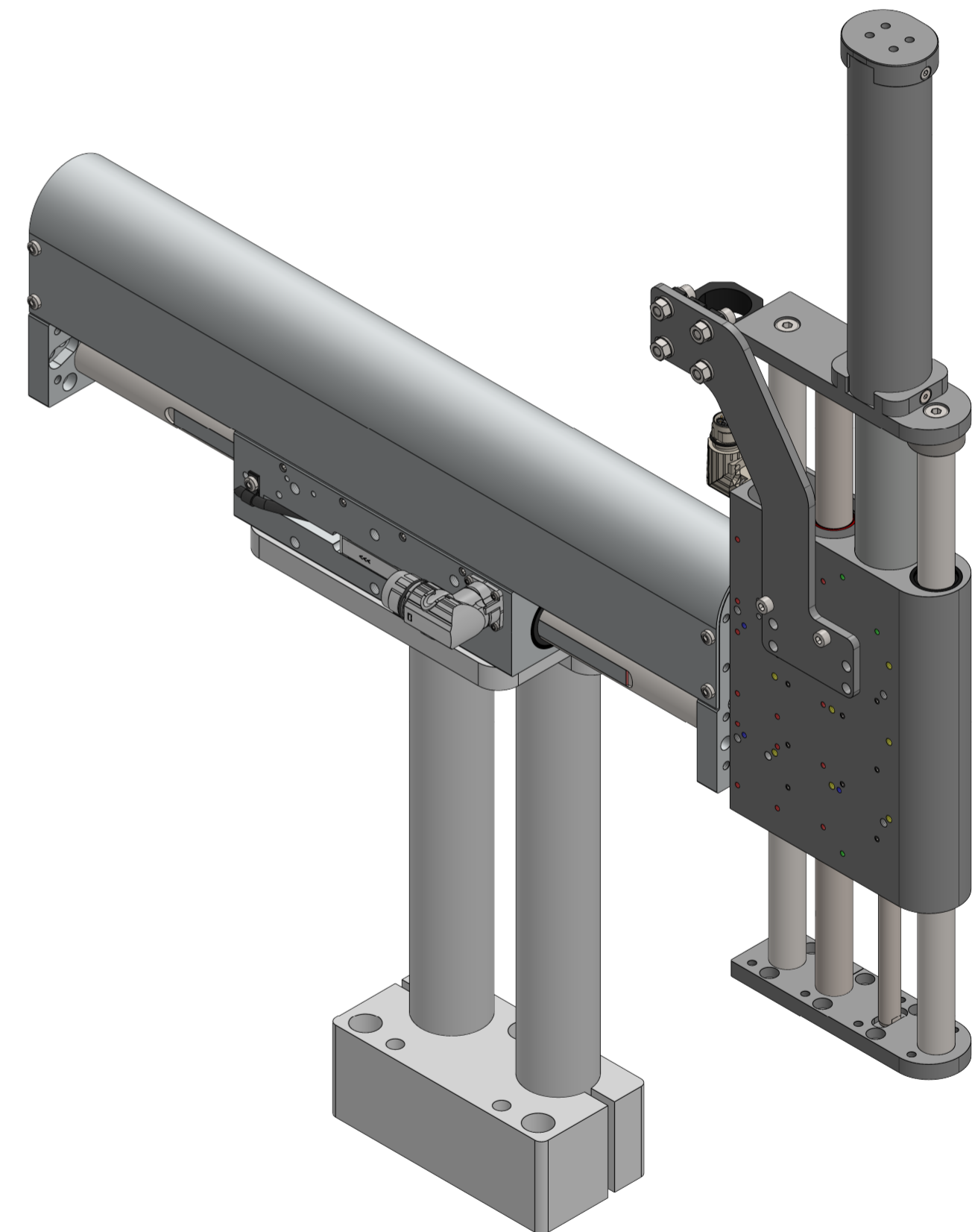
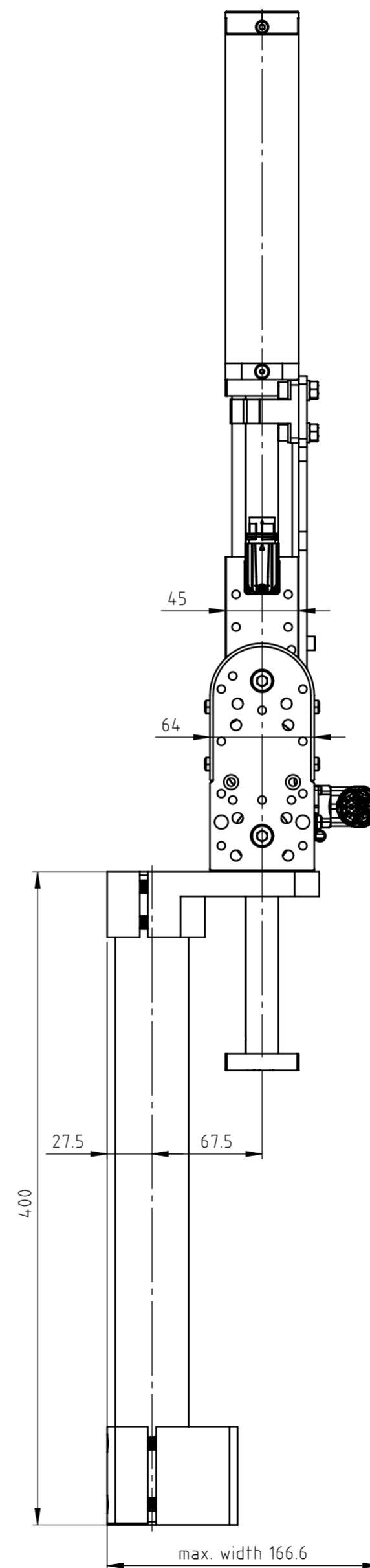
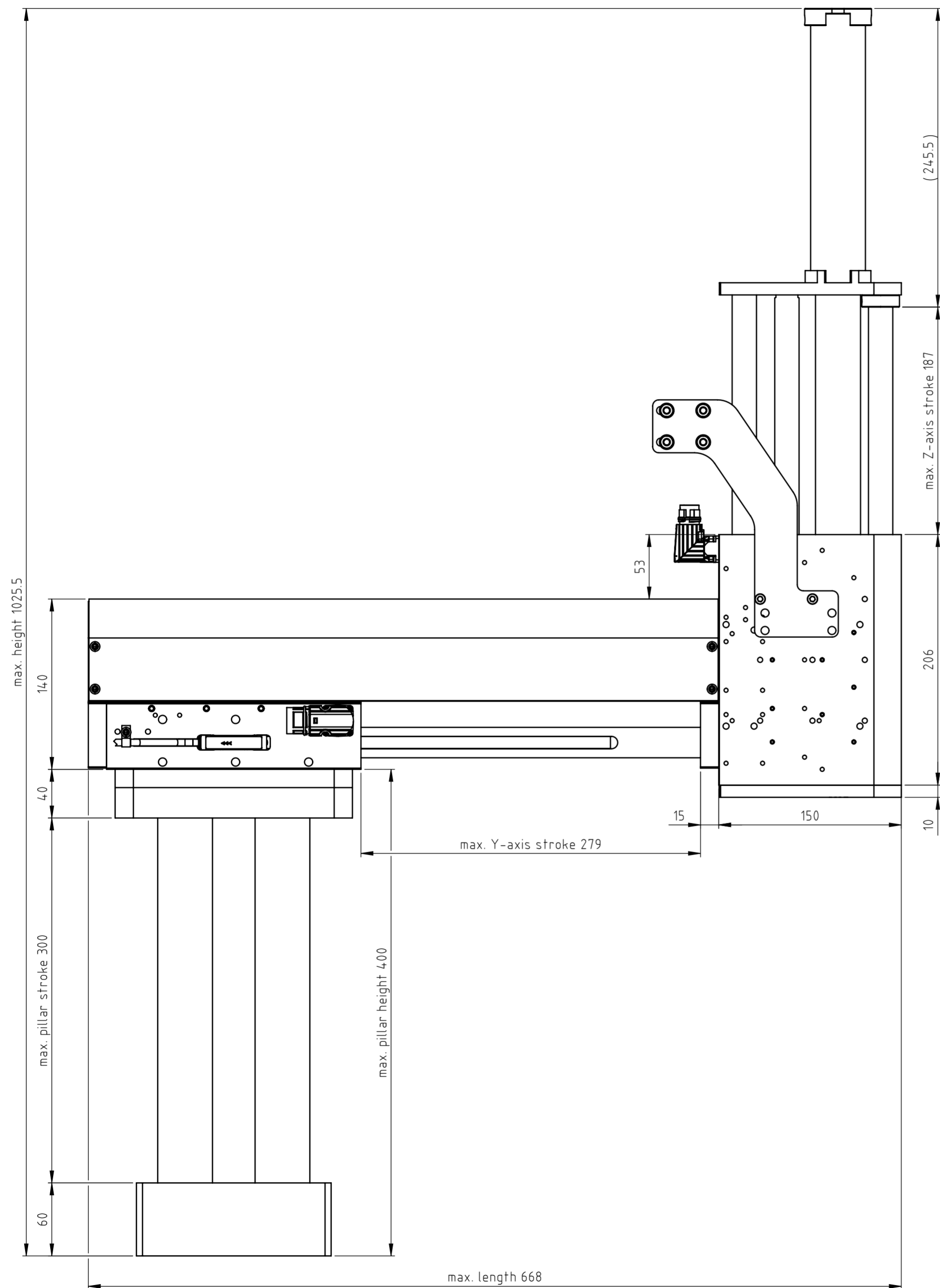


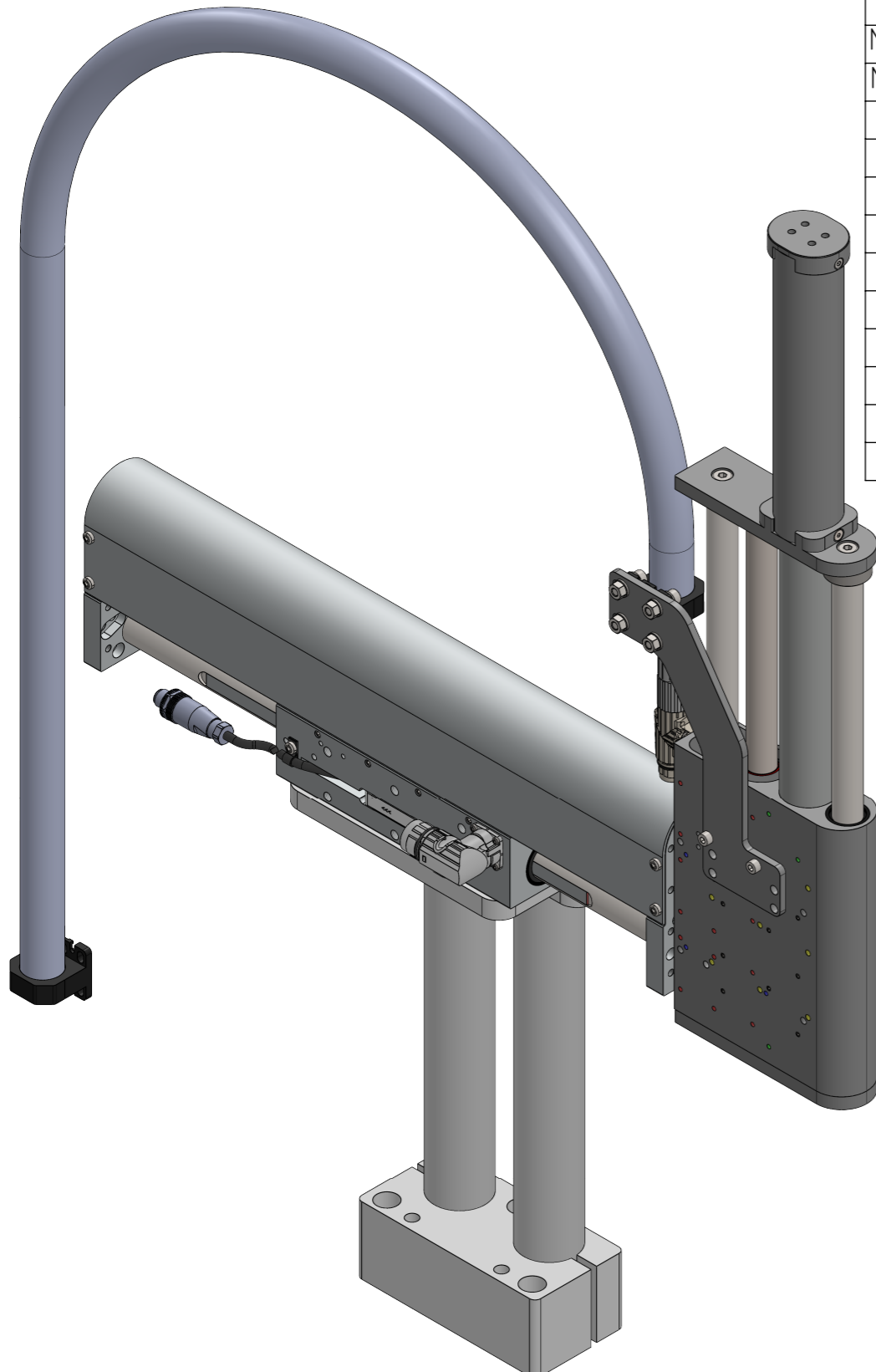
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Rev.	Change	Date	Author Appr.

General tolerance DIN ISO 2768 - mK	Created by J.-E. Beekhuis	Status 13.12.2024 / jb	Material
LinMot®	File name 0380-0006_PP_DM01-275-MT19-EN02_DM03-185-MT15-MS31_PS01_TC01	<input type="checkbox"/> Safety Rel.	Weight (g)
NTI AG LinMot & MagSpring Bodenaeckerstrasse 2 CH-8957 Spreitenbach	Title, additional title PP_DM01-275-MT19-EN02 DM03-185-MT15-MS31_PS01_TC01	<input type="checkbox"/> UL-Rel.	Document type Assembly drawing
Template type: SW2020 Version: V1-1 SW_A2_hori_Sheet_format_V1-1	Pick&Place / DM01-48x150 & DM03-37	Art.No.: 0300-0006	Drawing number / Index 0380-0006A
Scale 1:3		Sheet 1 / 3	A2

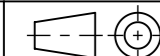
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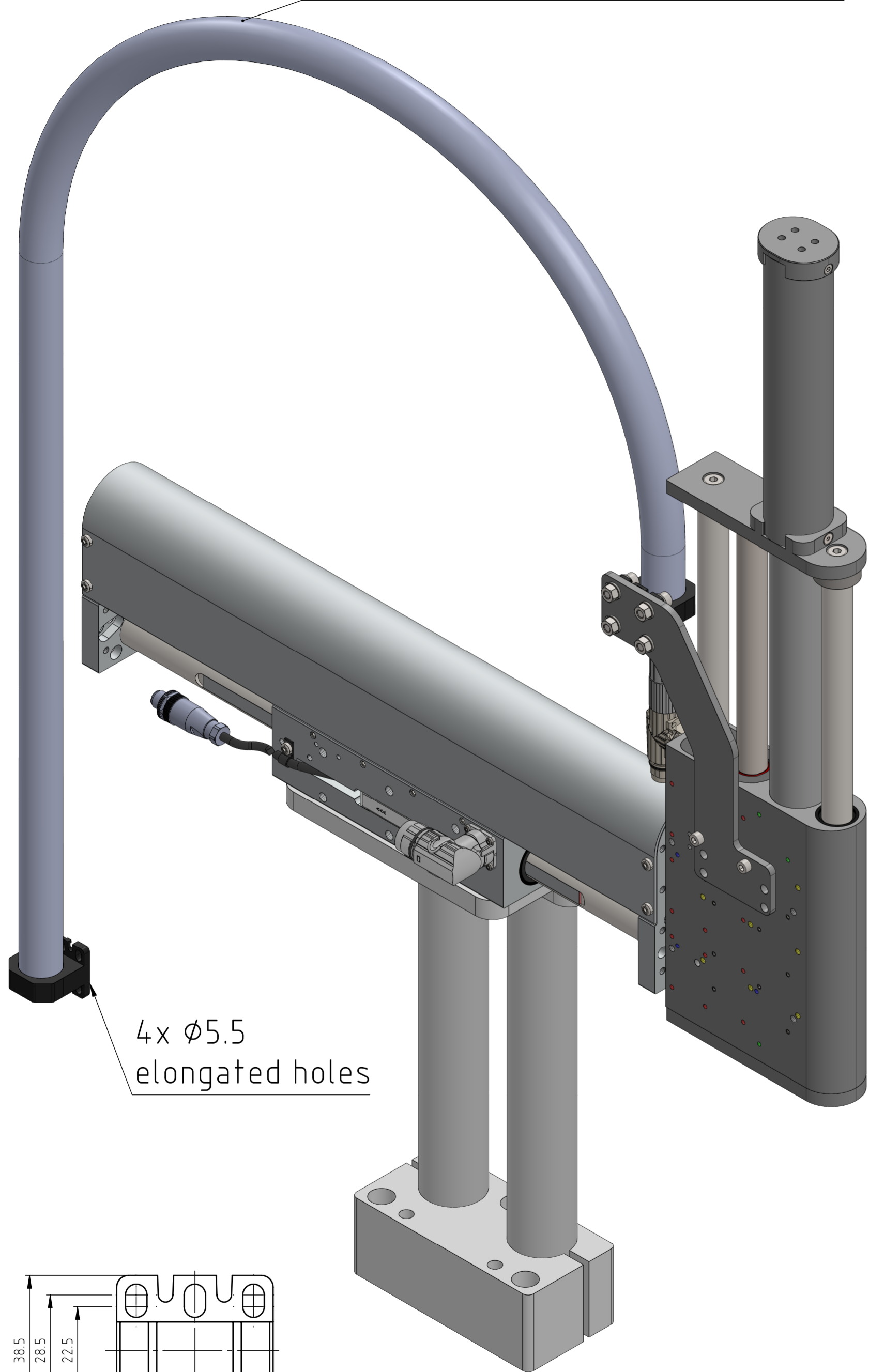
Stage type	PP_DM01-275-MT19-EN02_DM03-185-MT15-MS31_PS01_TC01	
Motor type	Horizontal: DM01-48x150G-HP-C-275_CS01_EN02	Vertical: DM03-37x120F-HP-R-185_CS10_MS31
Stroke	275	185
Max. Force@48VDC [N]	360	255
Max. Force@72VDC [N]	360	255
Position resolution [mm]	0.001	0.002
Repeatability [mm]	±0.001	±0.05
Max. acceleration [m/s ²]	< 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 part	Hardened steel, hard chrome-plated	Hardened steel, hard chrome-plated
Moving mass [kg]	5.750	2.870
Static part	Anodized aluminum	Anodized aluminum
Static mass [kg]	4.00	5.110
Max. payload	see datasheet	see datasheet
Stage mass [kg]	30.800	
Grease type	SKF LGFP 2	SKF LGFP 2
Drive architecture	Horizontal: Single	Vertical: Single
Recommended drive	C1200	C1200

Accessories		
Stage type	PP_DM01-275-MT19-EN02_DM03-185-MT15-MS31_PS01_TC01	
Motor type	Horizontal: DM01-48x150G-HP-C-275_CS01_EN02	Vertical: 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: TC01	Chosen: TC01
Pillar system	0150-4056 Z01-SB-45x2 0150-4045 Z01-SL-45x300 0150-4057 Z01-SA-45x2	Not available
Force sensor	Available: not chosen	To be released
Fan Kit	Available: not chosen	Not available

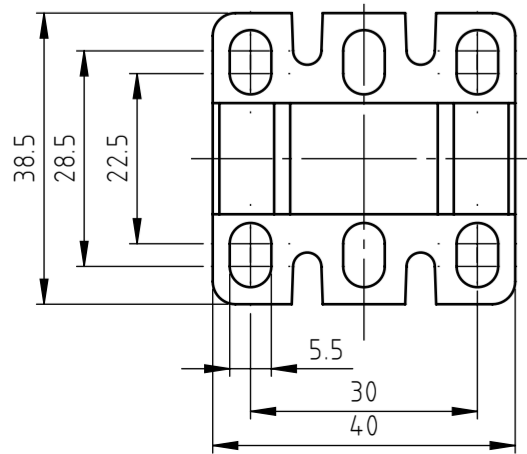
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General tolerance DIN ISO 2768 - mK	Created by J.-E. Beekhuis	Status 13.12.2024 / jb	Material
LinMot®	0380-0006_PP_DM01-275-MT19-EN02_DM03-185-MT15-MS31_PS01_TC01		<input type="checkbox"/> Safety Rel. Weight (g) <input type="checkbox"/> UL-Rel.
NTI AG LinMot & MagSpring Bodenaeckerstrasse 2 CH-8957 Spreitenbach	Title, additional title PP_DM01-275-MT19-EN02_ DM03-185-MT15-MS31_PS01_TC01 Pick&Place / DM01-48x150 & DM03-37		Document type Assembly drawing Drawing number / Index 0380-0006A
Template type: SW2020 Version: V1-1 SW_A3_hori_Sheet_format_V1-1	Art.No.: 0300-0006		Scale 1:3  Sheet 2 / 3 A3

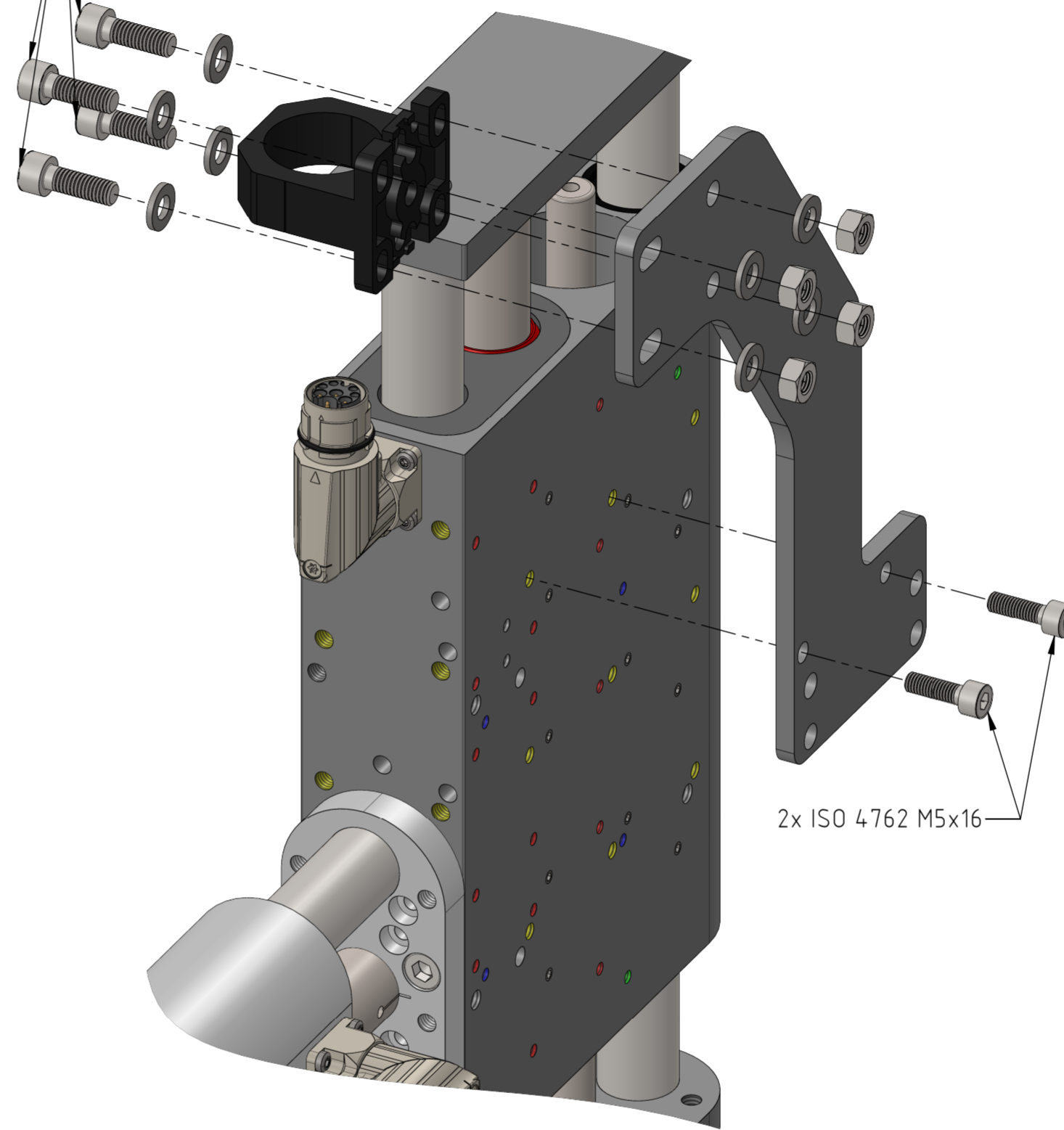
1m cable conduit
45mm minimum bending radius, static



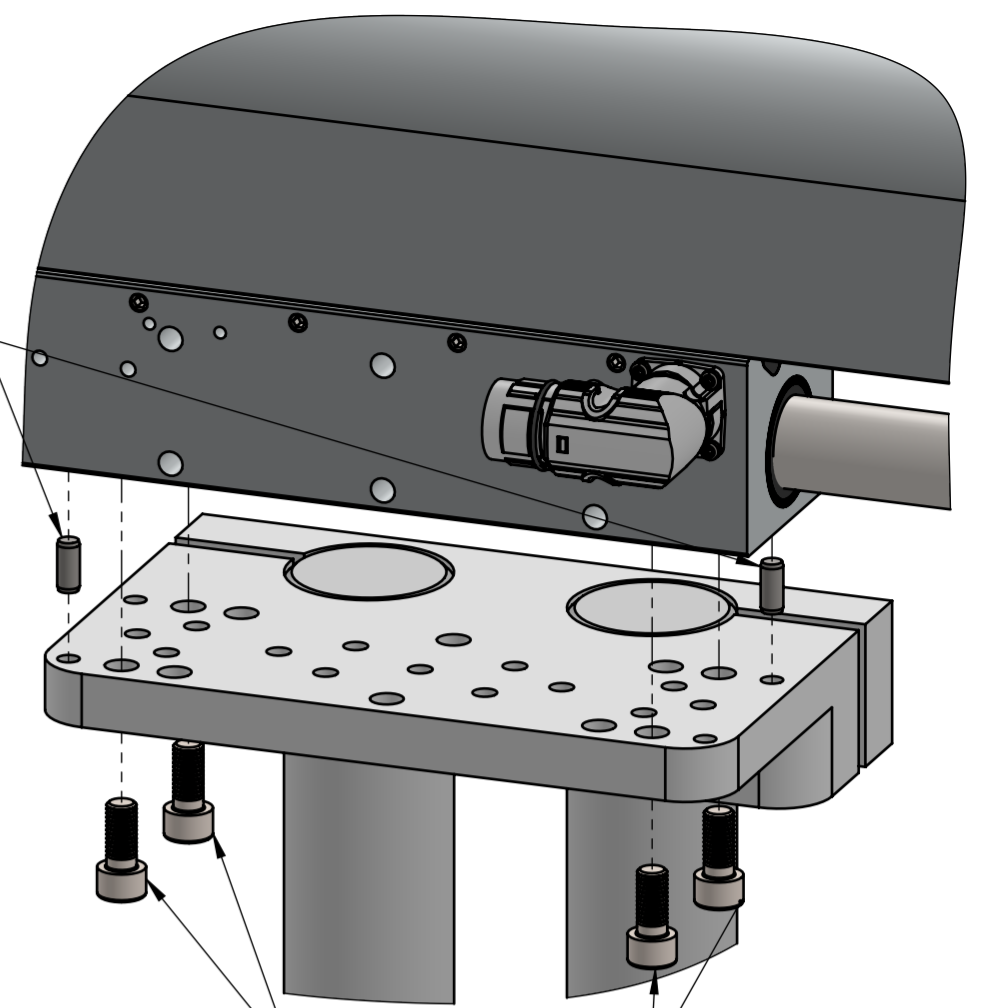
4x $\phi 5.5$
elongated holes



4x ISO 4762 M6x18
8x ISO 7089 $\phi 6.4$
4x ISO 7041 M6

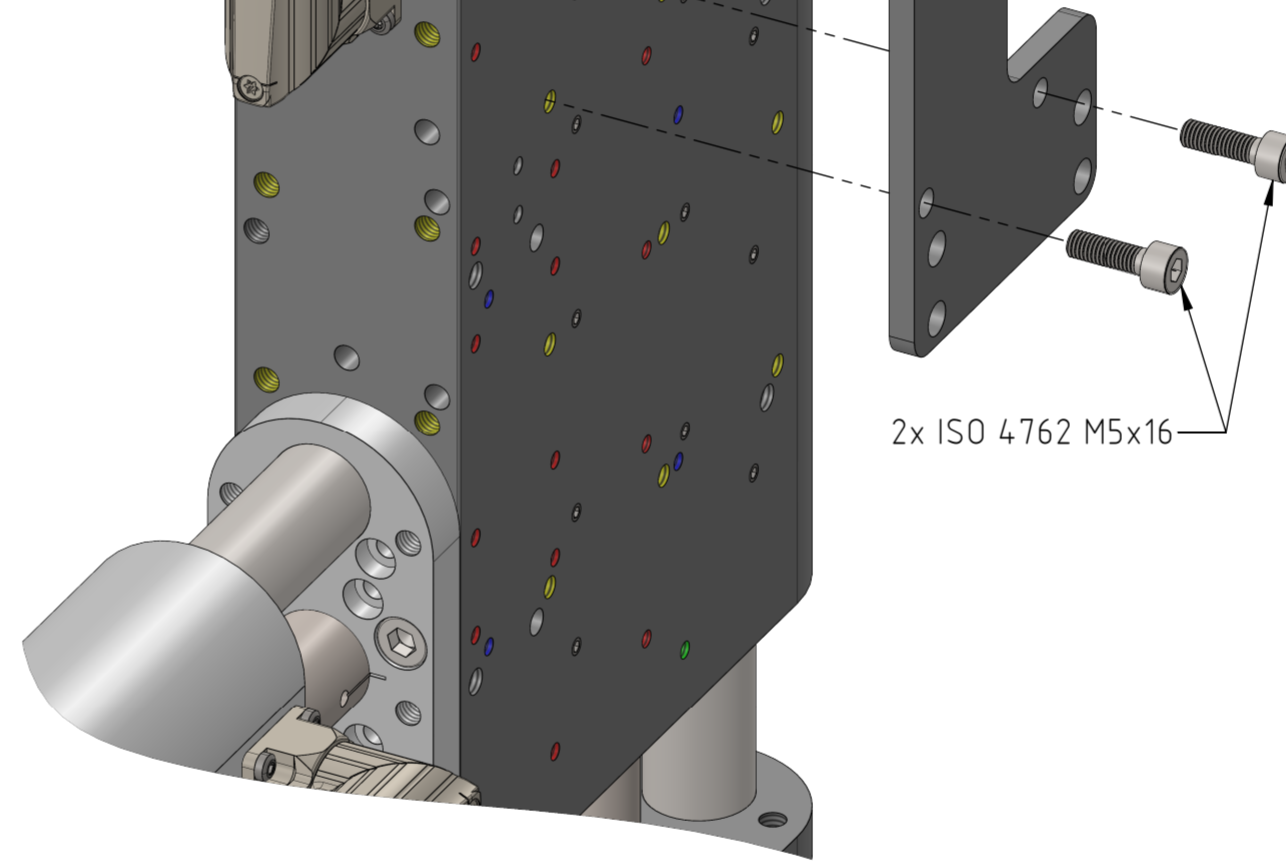


2x ISO 2338 $\phi 6 \times 14$



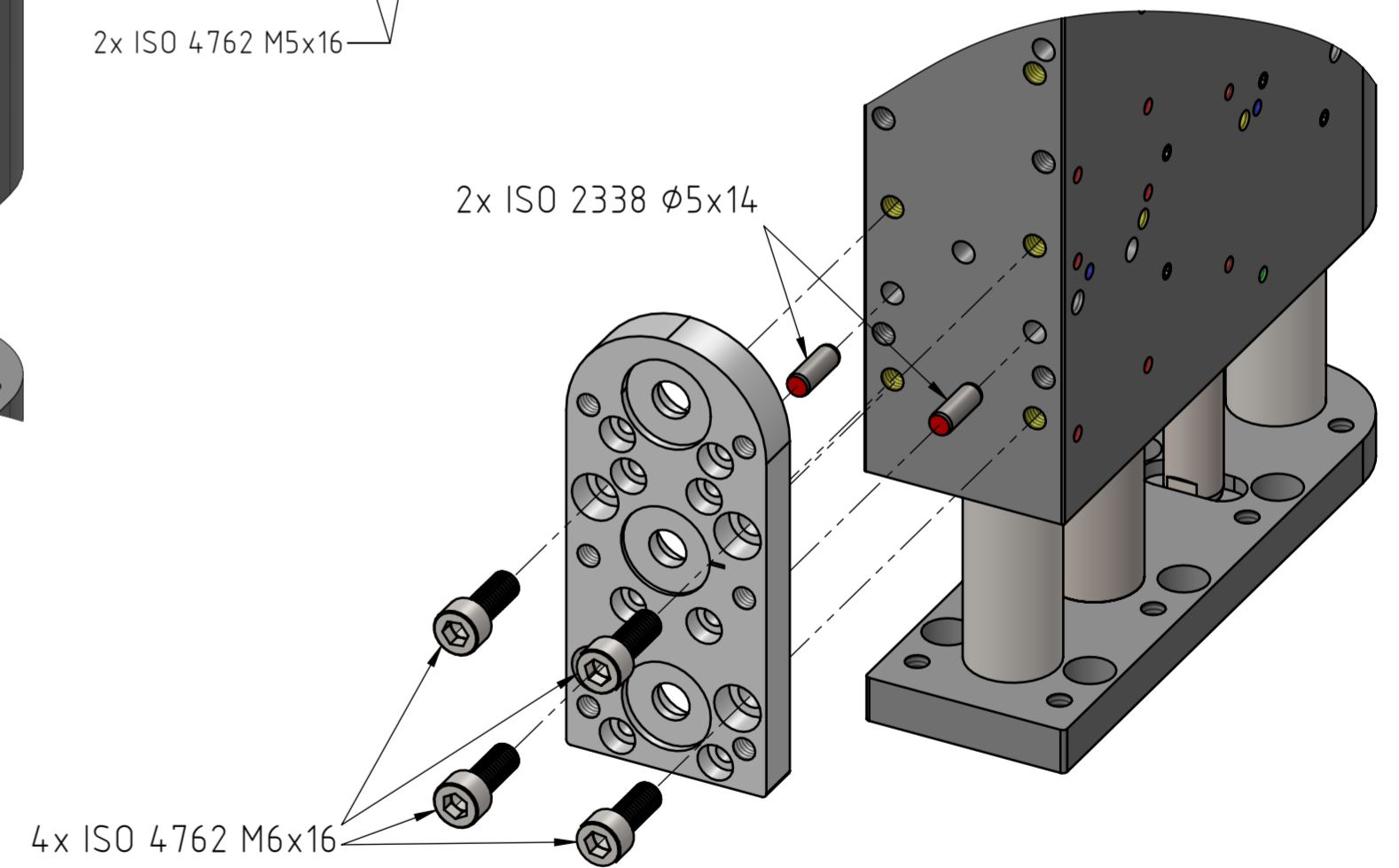
4x ISO 4762 M8x18

2x ISO 4762 M5x16



2x ISO 2338 $\phi 5 \times 14$

4x ISO 4762 M6x16



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Template type: SW2020 Version: V1-1 SW_A2_hori_Sheet_format_V1-1	Art.No.: 0300-0006	Scale 2:5	Sheet 3 / 3

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