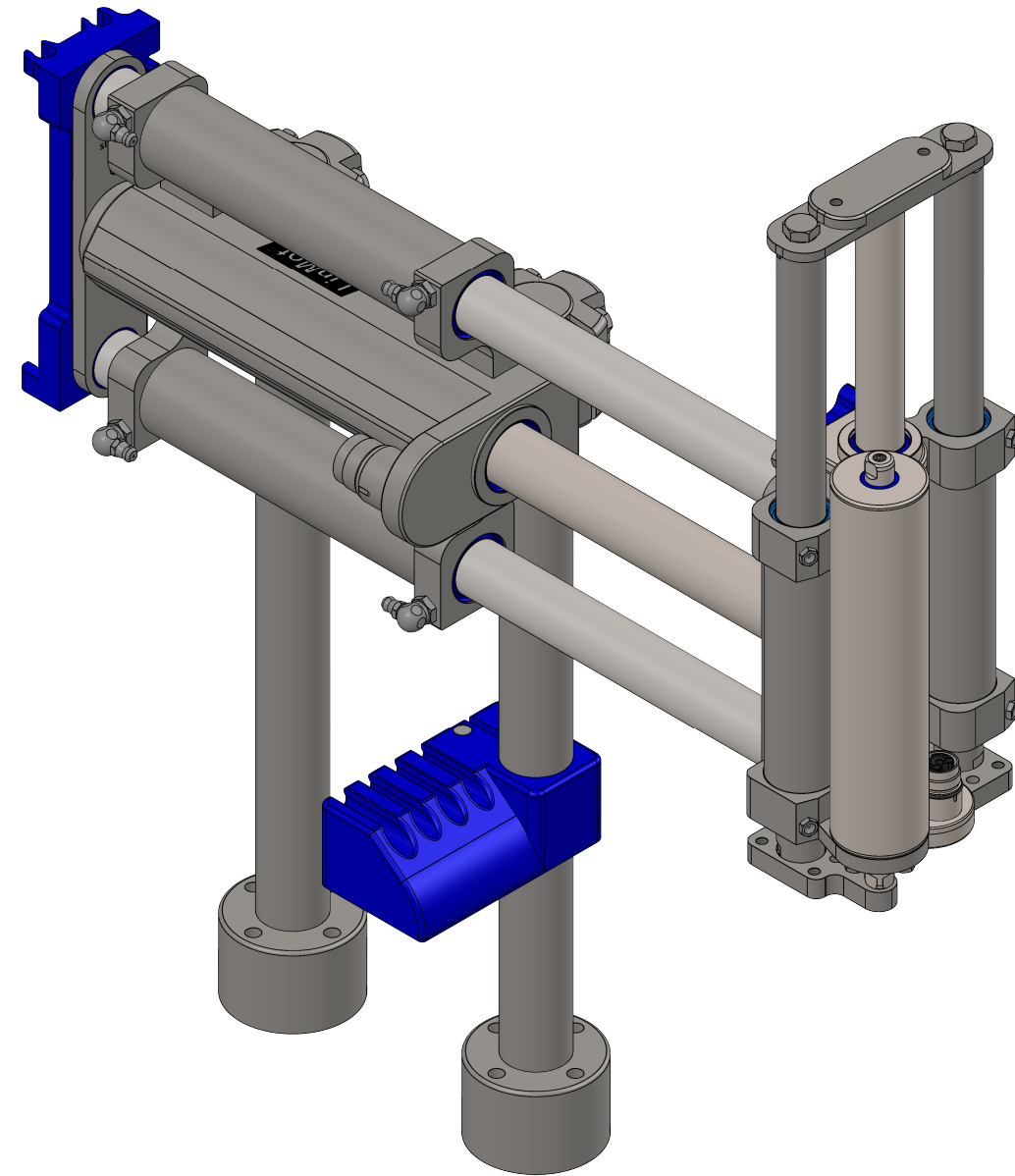
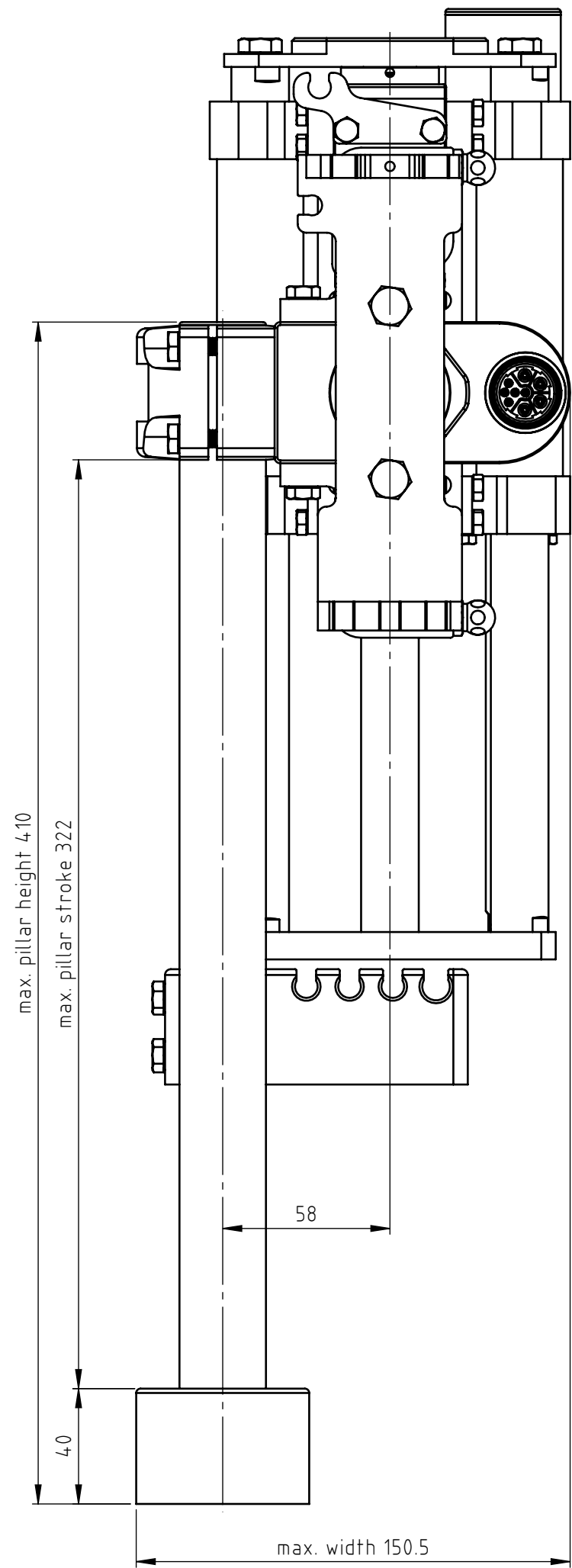
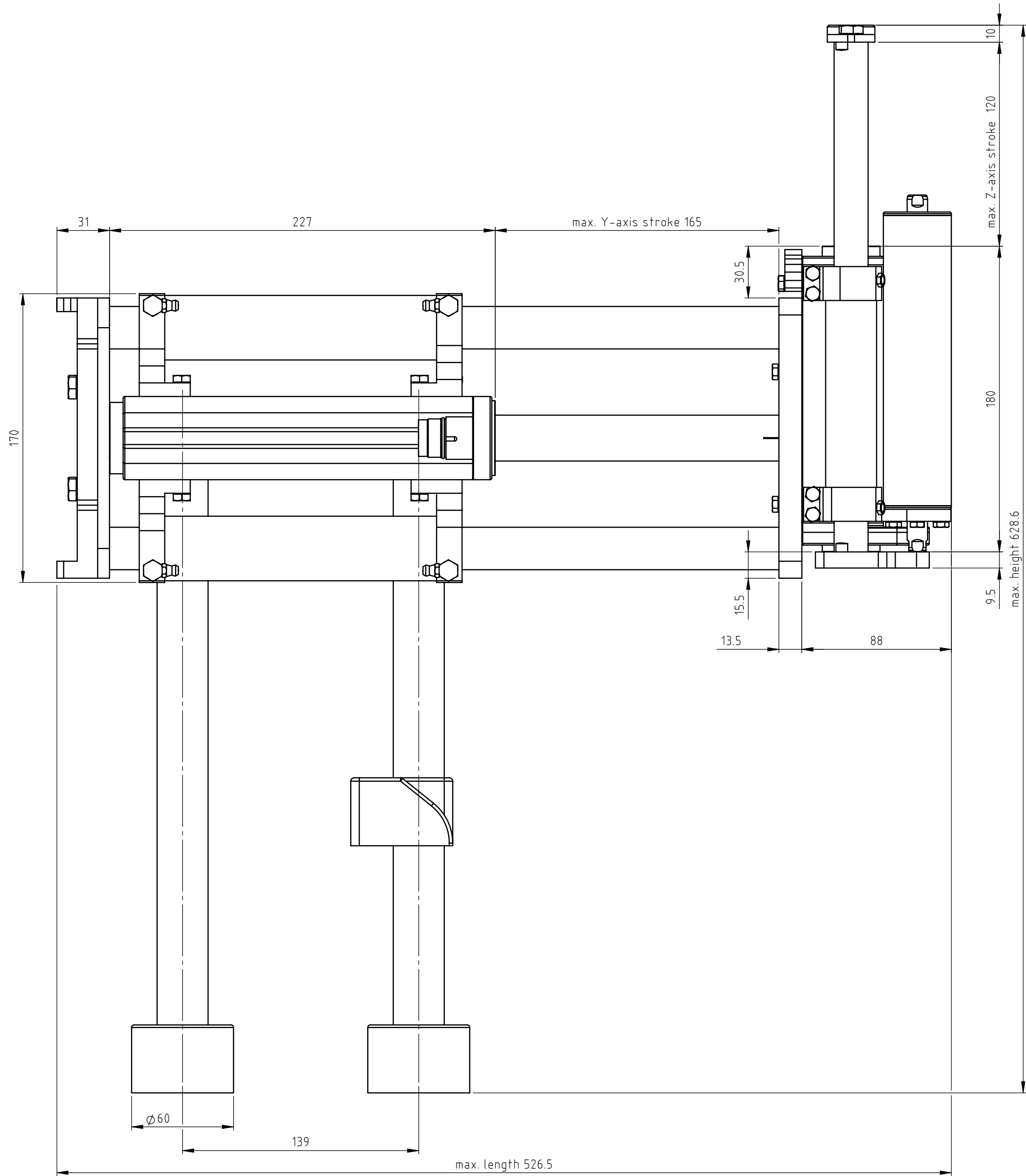


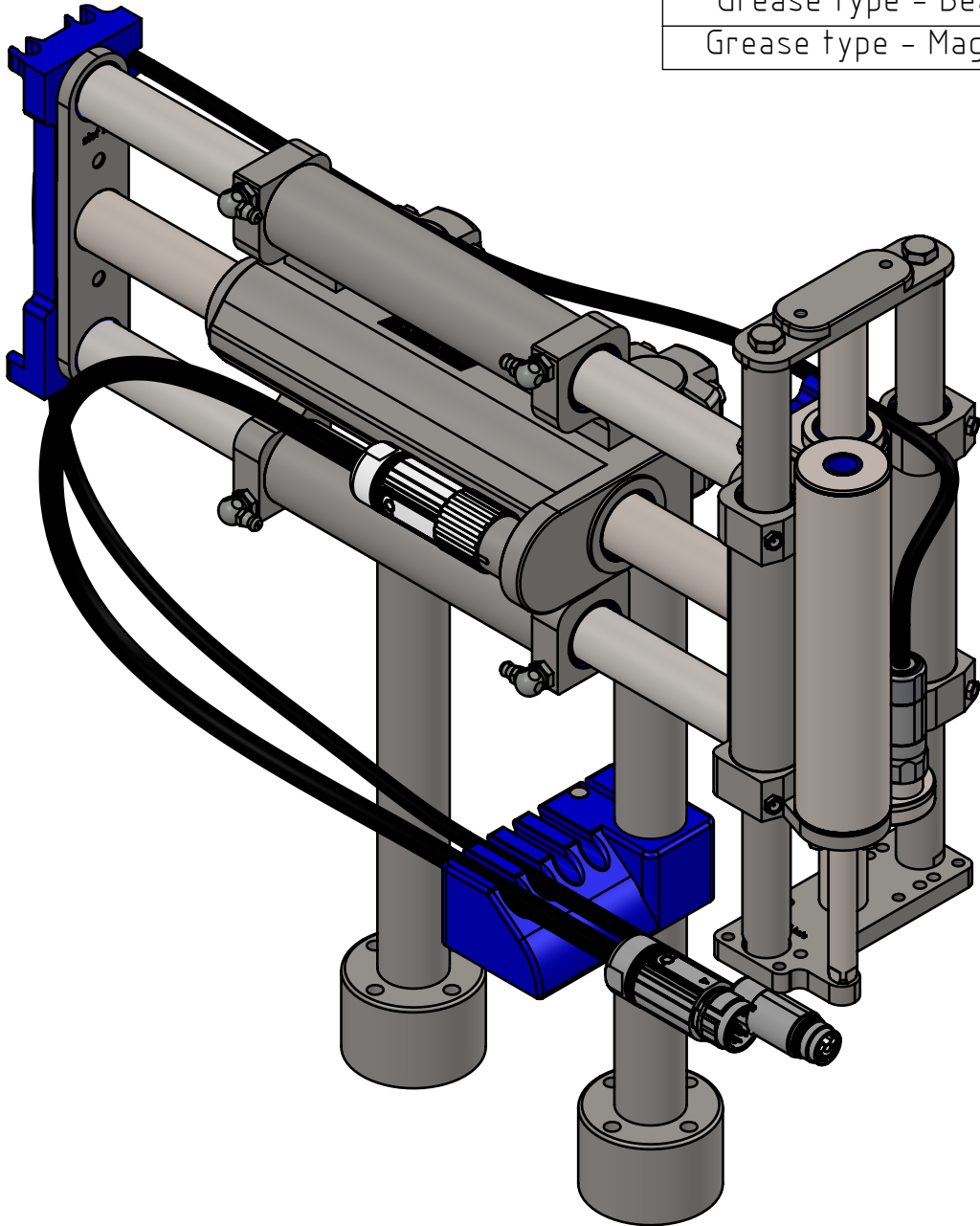
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A	Document created	03.04.2025	JB	DG
Rev.	Change	Date	Author	Appr.

General tolerance DIN ISO 2768 – mK	Created by J.-E. Beekhuis	Status 03.04.2025/jb	Material		
LinMot®	File name 0380-0027_PP13_165-48x150G_120-37Sx120F-MS03_MT12_CM14	☐ Safety Rel. ☐ UL-Rel.		Weight (g)	
	Title, additional title PP13_165-48x150G_ 120-37Sx120F-MS03_MT12_CM14 Pick&Place / SM01-48x150 & SM01-37x120	Document type Assembly drawing			
		Drawing number / Index 0380-0027A			
NTI AG LinMot & MagSpring Bodenaeckerstrasse 2 CH-8957 Spreitenbach	Art.No: 0300-0012	Scale 1:2		Sheet 1 / 3	A2
Template type: SW2020 Version: V1-1 SW_A2_hori_Sheet_format_V1-1					

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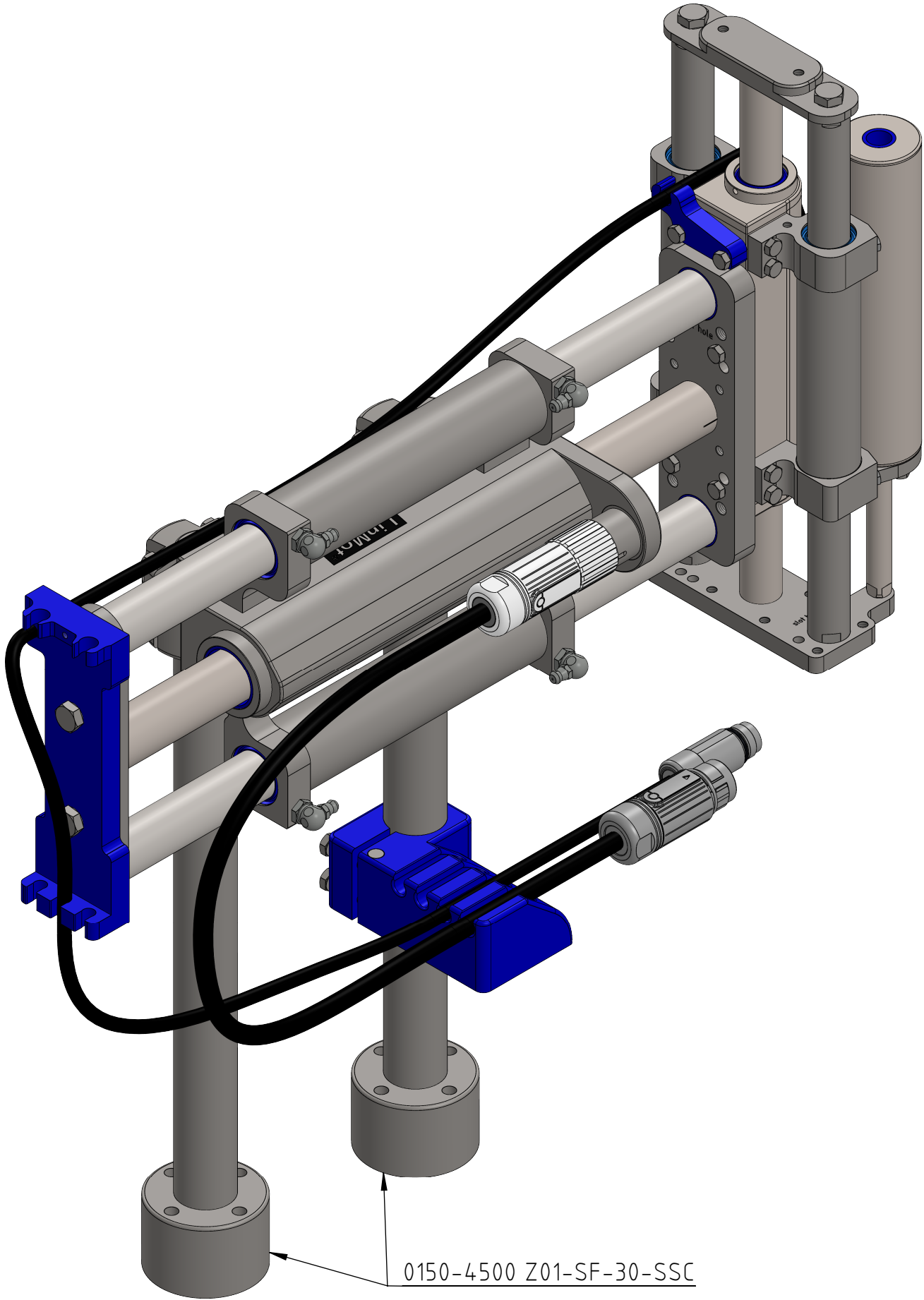
Stage type	PP13_165-48x150G_120-37Sx120F-MS03_MT12_CM14	
Motor type	Horizontal: 0150-4453 SM01-48x150G-HP-C-165_SSCP	Vertical: 0150-4432 SM01-37Sx120F-HP-R-120_MS03_SSCP
Stroke	165	120
Max. Force@48VDC [N]	312	255
Max. Force@72VDC [N]	312	255
Position resolution [mm]	0.007	0.005
Repeatability [mm]	±0.05	±0.05
Max. acceleration [m/s2]	15	15
Max. Velocity@48VDC [m/s]	1.5	1.5
Max. Velocity@72VDC [m/s]	2	2
Deviation	see installation guide	
Moving mass [kg]	4.750	0.920
Module mass [kg]	9.500	1.910
Pillar mass [kg]	7.000	
Cable weight [kg/km]	83.0	
Cable management weight [kg]	0.420	
Max. payload	see installation guide	
Grease type - Motor	0150-1954 / 0150-1955 LU02	
Grease type - Bearings	0150-1954 / 0150-1955 LU02	
Grease type - MagSpring	0150-1954 / 0150-1955 LU02	

Accessories		
Stage type	PP13_165-48x150G_120-37Sx120F-MS03_MT12_CM14	
Motor type	Horizontal: 0150-4453 SM01-48x150G-HP-C-165_SSCP	Vertical: 0150-4432 SM01-37Sx120F-HP-R-120_MS03_SSCP
Cable guide	Chosen: CM14	Chosen: CM14
Pillar system	0150-4787 Z01-VF-32-SSC 0150-4508 Z01-SL30x400-HP-SSC 0150-4500 Z01-SF-30-SSC	Not available

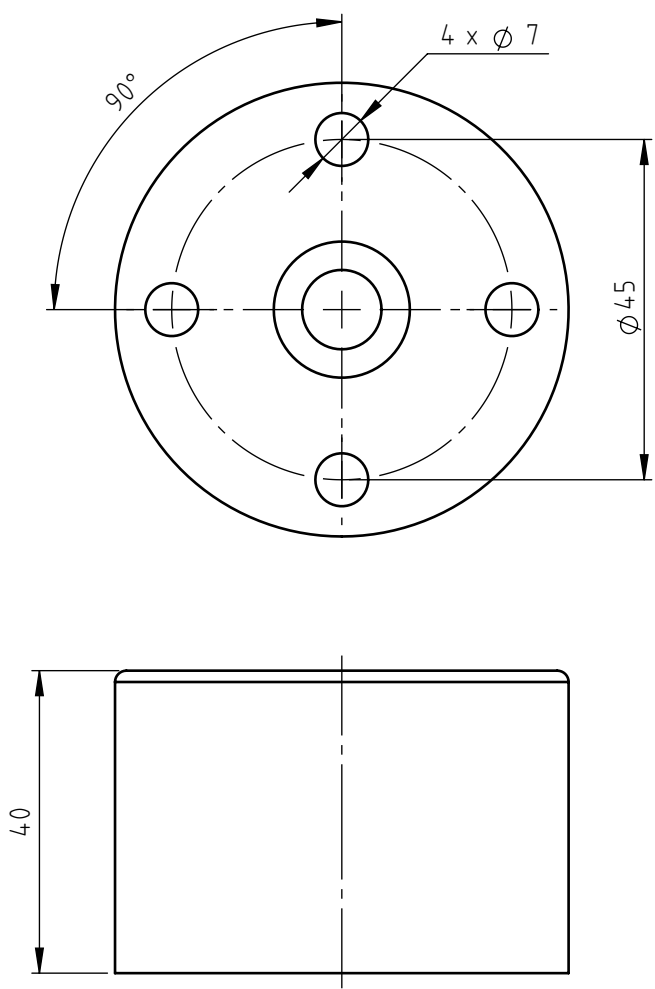
A	Document created	03.04.2025	JB	DG
Rev.	Change	Date	Author	Appr.

General tolerance DIN ISO 2768 - mK	Created by J.-E. Beekhuis	Status 03.04.2025/jb	Material	
NTI AG LinMot & MagSpring Bodenaeckerstrasse 2 CH-8957 Spreitenbach	0380-0027_PP13_165-48x150G_120-37Sx120F-MS03_MT12_CM14		☐ Safety Rel.	Weight (g)
			☐ UL-Rel.	
	Title, additional title PP13_165-48x150G_ 120-37Sx120F-MS03_MT12_CM14 Pick&Place / SM01-48x150 & SM01-37x120 Art.No.: 0300-0012		Document type Assembly drawing Drawing number / Index 0380-0027A	
Template type: SW2020 Version: V1-1 SW_A3_hori_Sheet_format_V1-1	Scale 1:3			Sheet 2 / 3
			A3	

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0150-4500 Z01-SF-30-SSC
Adapter dimensions



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Rev.	Change	Date	Author	Appr.

General tolerance DIN ISO 2768 - mK	Created by J.-E. Beekhuis	Status 03.04.2025/jb	Material	
LinMot® NTI AG LinMot & MagSpring Bodenaeckerstrasse 2 CH-8957 Spreitenbach Template type: SW2020 Version: V1-1 SW_A3_hori_Sheet_format_V1-1	0380-0027_PP13_165-48x150G_120-37Sx120F-MS03_MT12_CM14		☐ Safety Rel.	Weight (g)
	Title, additional title PP13_165-48x150G_120-37Sx120F-MS03_MT12_CM14 Pick&Place / SM01-48x150 & SM01-37x120 Art.No.: 0300-0012		☐ UL-Rel.	24886.96
	Document type Assembly drawing		Drawing number / Index 0380-0027A	
	Scale 2:5		Sheet 3 / 3	A3