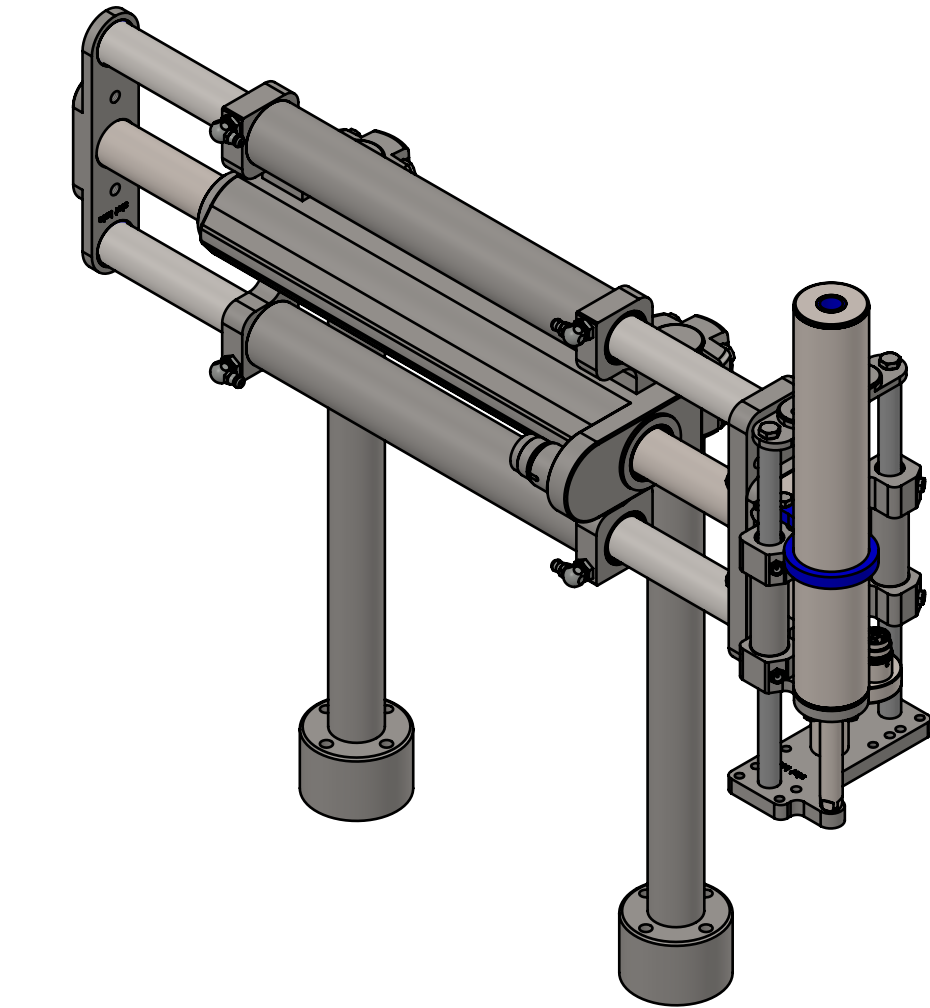
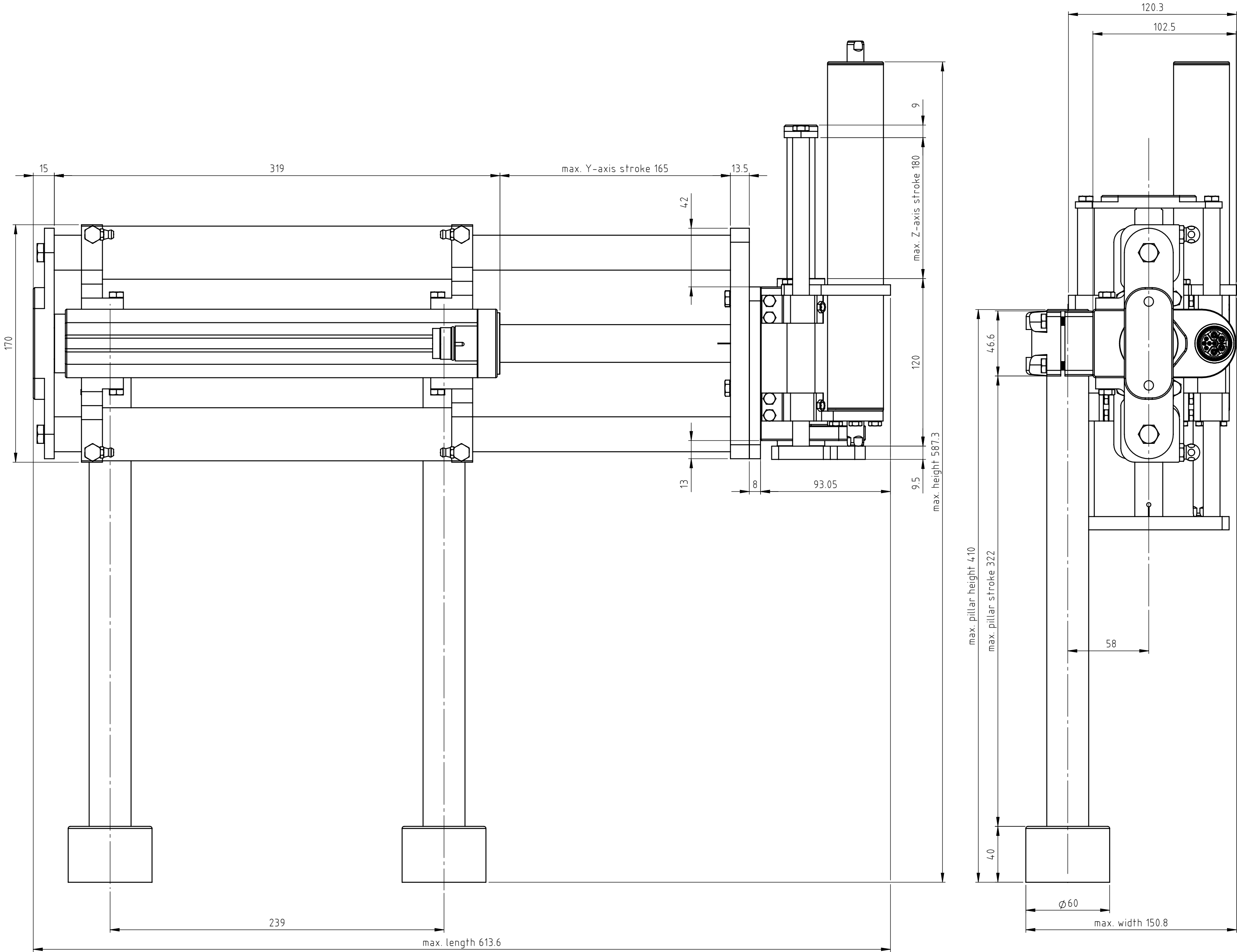


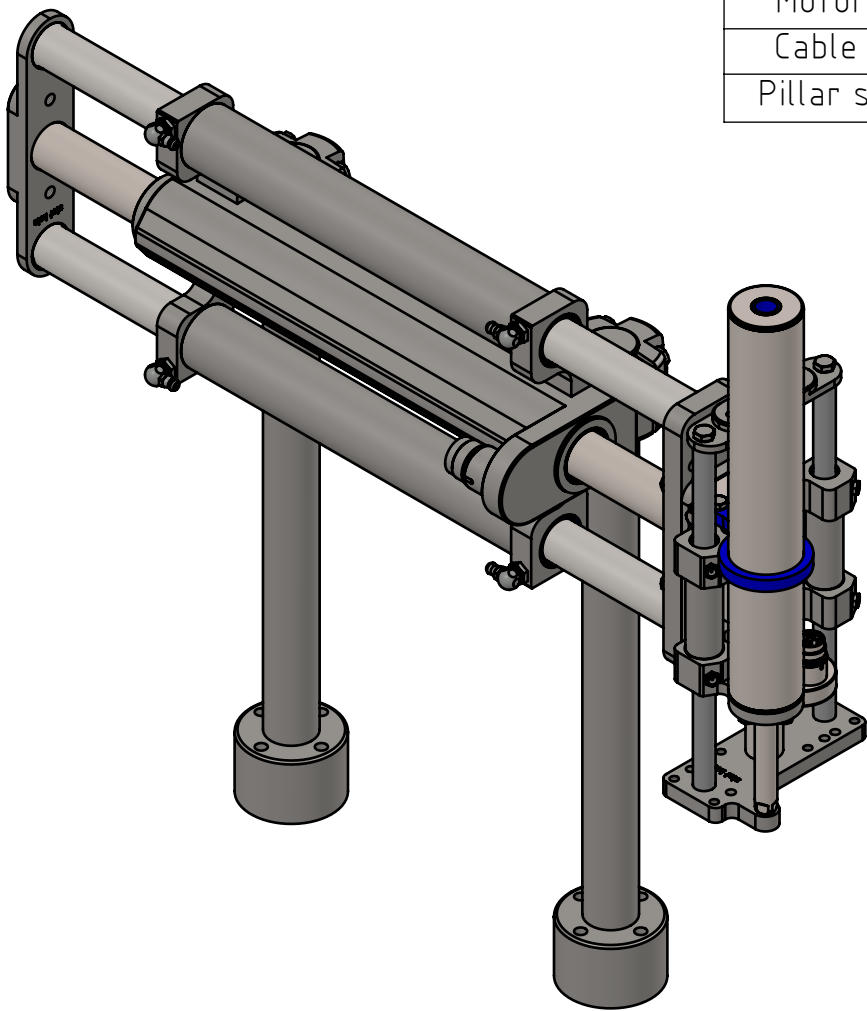
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A	Document created	21.05.2025	JB	DG
Rev.	Change	Date	Author	Appr.

General tolerance DIN ISO 2768 - mK	Created by J.-E. Beekhuis	Status 21.05.2025/jb	Material			
LinMot®	File name 0380-0044_PP13_165-48x240F_100-375x60-BE20-MS04_MT13	☐ Safety Rel.		Weight (g)		
		☐ UL-Rel.				
	NTI AG LinMot & MagSpring Bodenaeckerstrasse 2 CH-8957 Spreitenbach	Title, additional title PP13_165-48x240F_ 100-37Sx60-BE20-MS04_MT13 Pick&Place / SM01-48x240 & SM01-37x60	Document type Assembly drawing			
Template type: SW2020 Version: V1-1 SW_A2_hori_Sheet_format_V1-1	Art.No: 0300-1013	Drawing number / Index 0380-0044A		Scale 1:2	Sheet 1 / 3	A2

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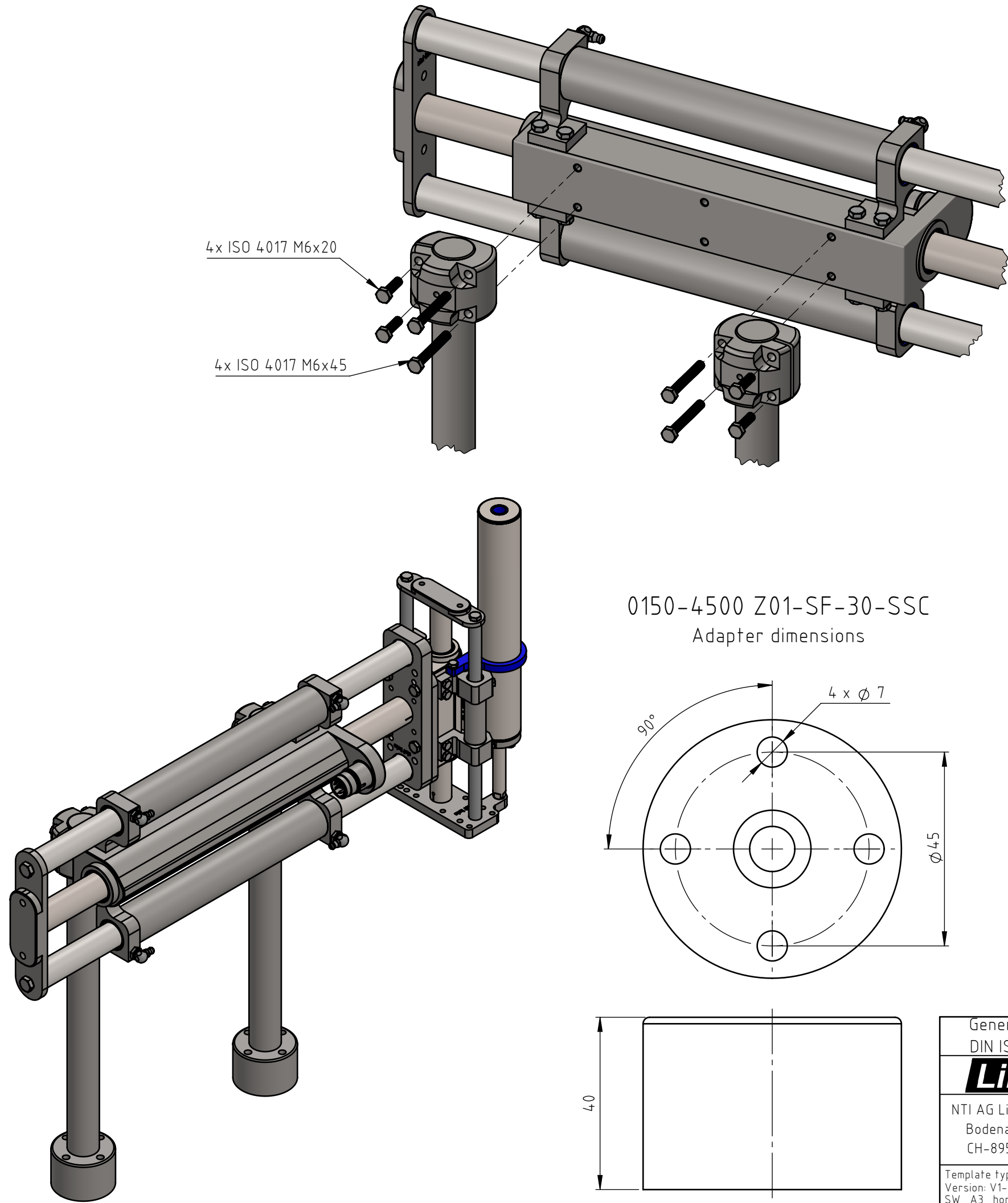
Stage type	PP13_165-48x240F_100-37Sx60-BE20-MS04_MT13	
Motor type	Horizontal: 0150-4490 SM01-48x240F-HP-C-165_SSCP	Vertical: 0150-6740 SM01-37Sx60-XP-R-100_BE20_MS04_SSCP
Stroke	165	100
Max. Force@48VDC [N]	477	128
Max. Force@72VDC [N]	477	128
Position resolution [mm]	0.007	0.005
Repeatability [mm]	±0.05	±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	see installation guide
Moving mass [kg]	5.565	1.534
Module mass [kg]	10.777	4.228
Pillar mass [kg]	7.000	
Cable weight [kg/km]	83.0	
Cable management weight [kg]	-	
Max. payload	see installation guide	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_165-48x240F_100-37Sx60-BE20-MS04_MT13
Motor type	Horizontal: 0150-4490 SM01-48x240F-HP-C-165_SSCP Vertical: 0150-6740 SM01-37Sx60-XP-R-100_BE20_MS04_SSCP
Cable guide	Available: Not chosen
Pillar system	Chosen: PP13_MT13

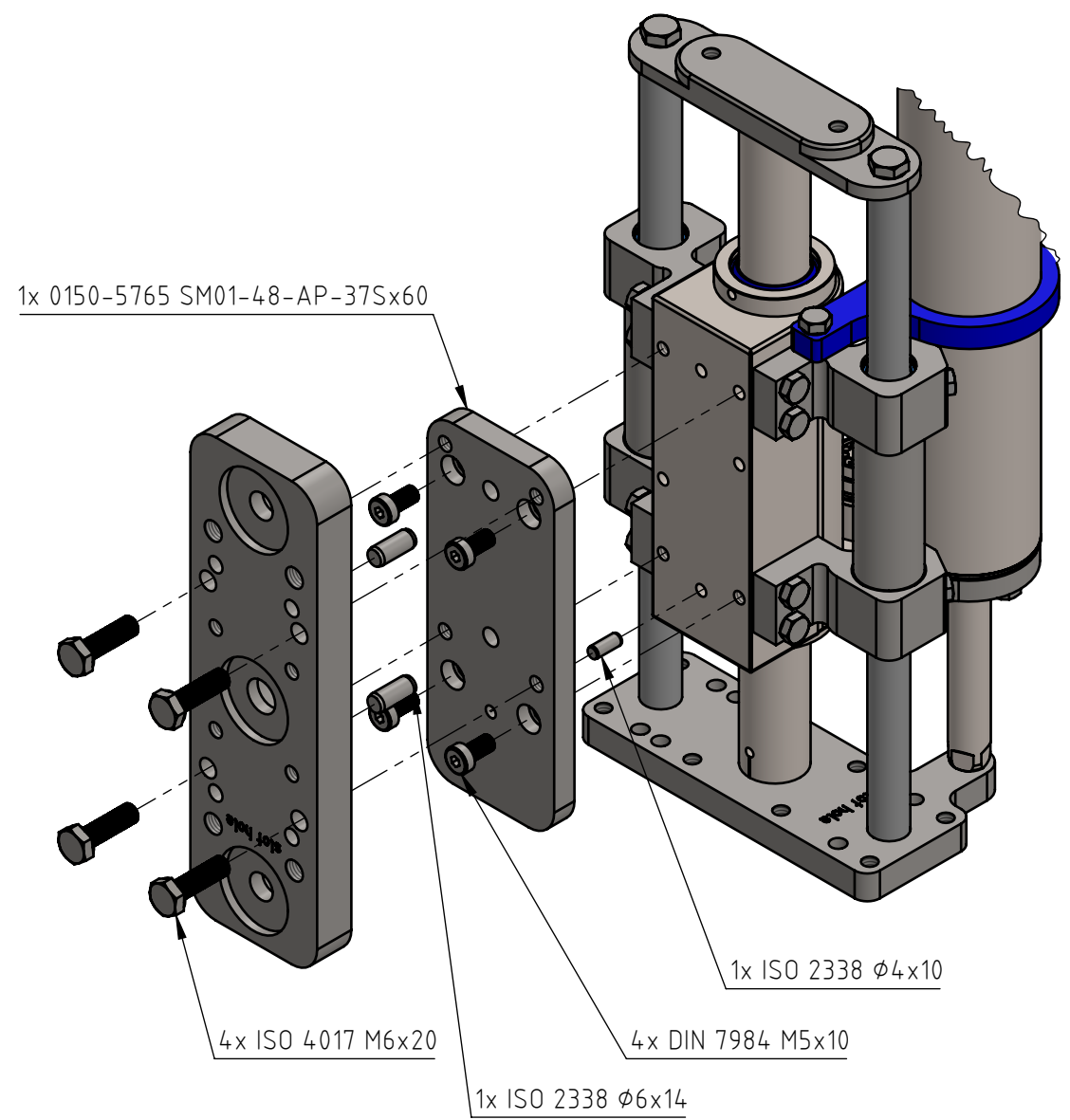
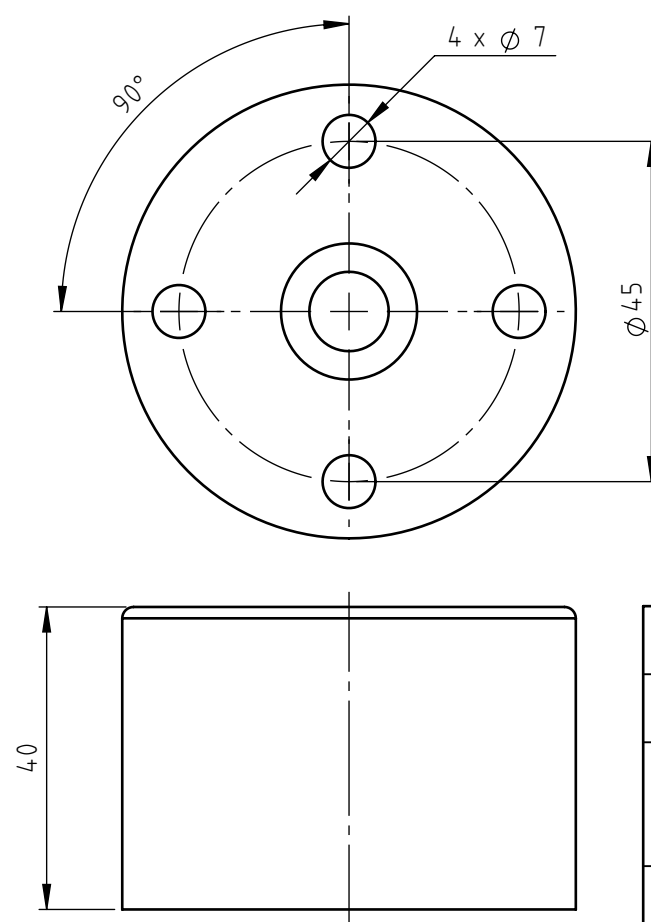
A	Document created	21.05.2025	JB	DG
Rev.	Change	Date	Author	Appr.

General tolerance DIN ISO 2768 - mK	Created by J.-E. Beekhuis	Status 21.05.2025/jb	Material	
NTI AG LinMot & MagSpring Bodenaeckerstrasse 2 CH-8957 Spreitenbach	0380-0044_PP13_165-48x240F_100-37Sx60-BE20-MS04_MT13		☐ Safety Rel.	Weight (g)
			☐ UL-Rel.	
	Title, additional title PP13_165-48x240F_ 100-37Sx60-BE20-MS04_MT13 Pick&Place / SM01-48x240 & SM01-37x60 Art.No.: 0300-1013		Document type Assembly drawing Drawing number / Index 0380-0044A	
Template type: SW2020 Version: V1-1 SW_A3_hori_Sheet_format_V1-1	Scale 1:4		Sheet 2 / 3	A3

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



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General tolerance DIN ISO 2768 - mK	Created by J.-E. Beekhuis	Status 21.05.2025/jb	Material	
LinMot®	0380-0044_PP13_165-48x240F_100-37Sx60-BE20-MS04_MT13		☐ Safety Rel.	Weight (g) 25620.01
NTI AG LinMot & MagSpring Bodenaeckerstrasse 2 CH-8957 Spreitenbach	Title, additional title PP13_165-48x240F_ 100-37Sx60-BE20-MS04_MT13 Pick&Place / SM01-48x240 & SM01-37x60 Art.No.: 0300-1013		Document type Assembly drawing	
Template type: SW2020 Version: V1-1 SW_A3_hori_Sheet_format_V1-1	Scale 1:3		Drawing number / Index 0380-0044A	
		Sheet 3 / 3		A3