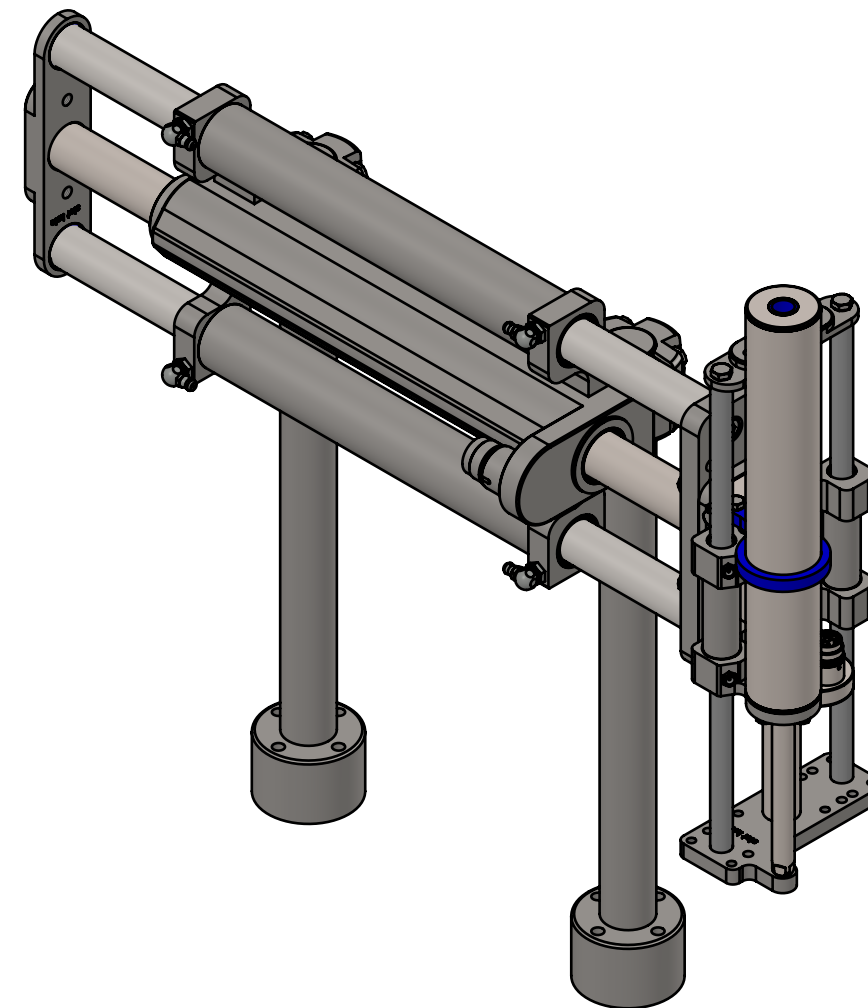
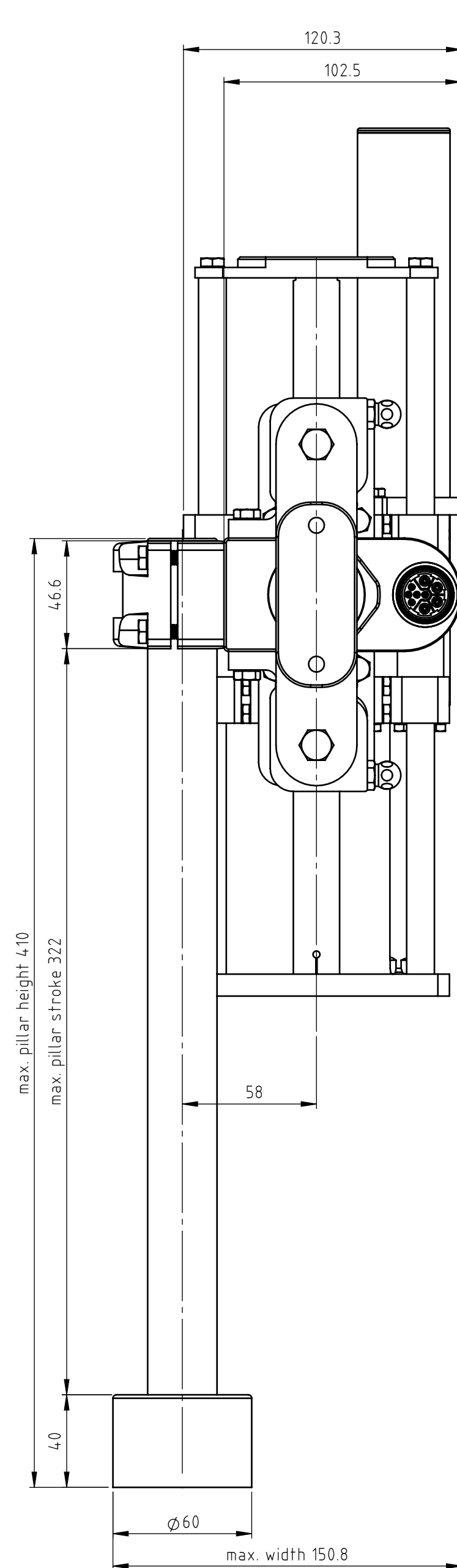
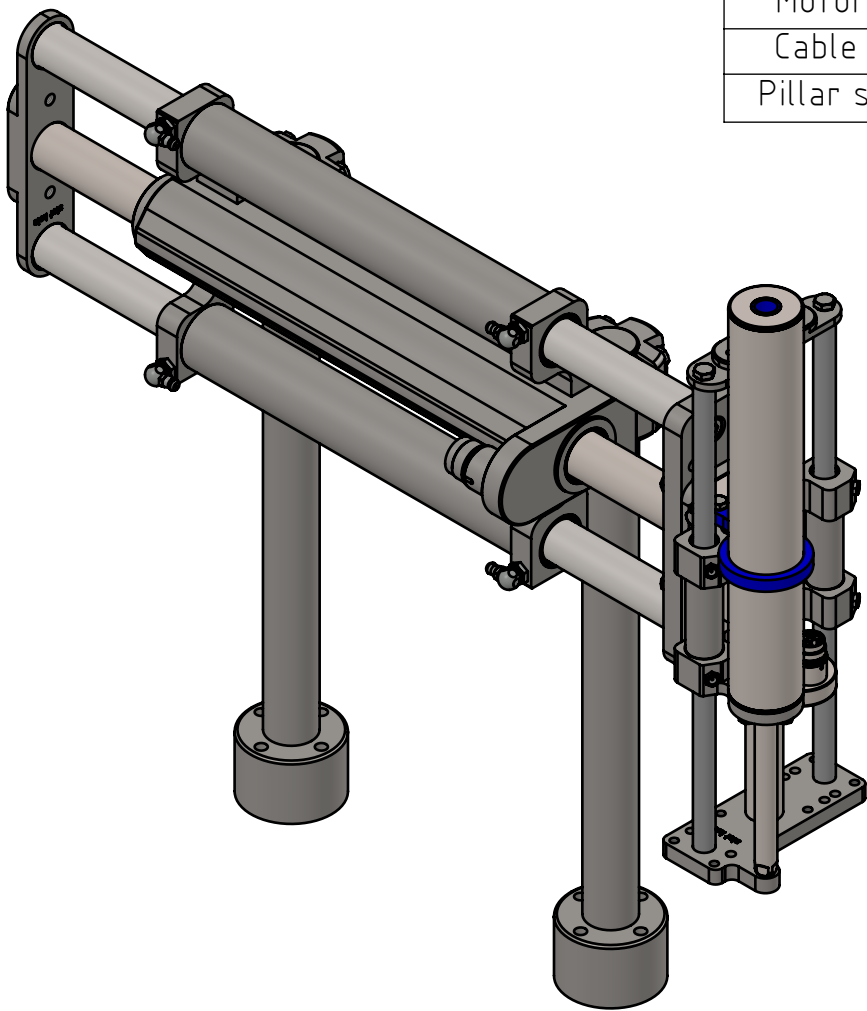




A	Document created	23.05.2025	JB	DG
Rev.	Change	Date	Author	Appr.

General tolerance DIN ISO 2768 - mK		Created by J.-E. Beekhuis		Status 23.05.2025/jb		Material		Scale		Notes / Appl.	
LinMot®		File name 0380-0047_PP13_165-48x240F_180-375x60-BE20-MS04_MT13						☐ Safety Rel.		Weight (g)	
								☐ UL-Rel.			
NTI AG LinMot & MagSpring Bodenaeckerstrasse 2 CH-8957 Spreitenbach		Title, additional title PP13_165-48x240F 180-375x60-BE20-MS04_MT13 Pick&Place / SM01-48x240 & SM01-37x60						Document type Assembly drawing			
								Drawing number / Index 0380-0047A			
		Template type: SW2020 Version: V1-1 SW_A2_hori_Sheet_format_V1-1		Art.No.: 0300-1016						Scale 1:2	

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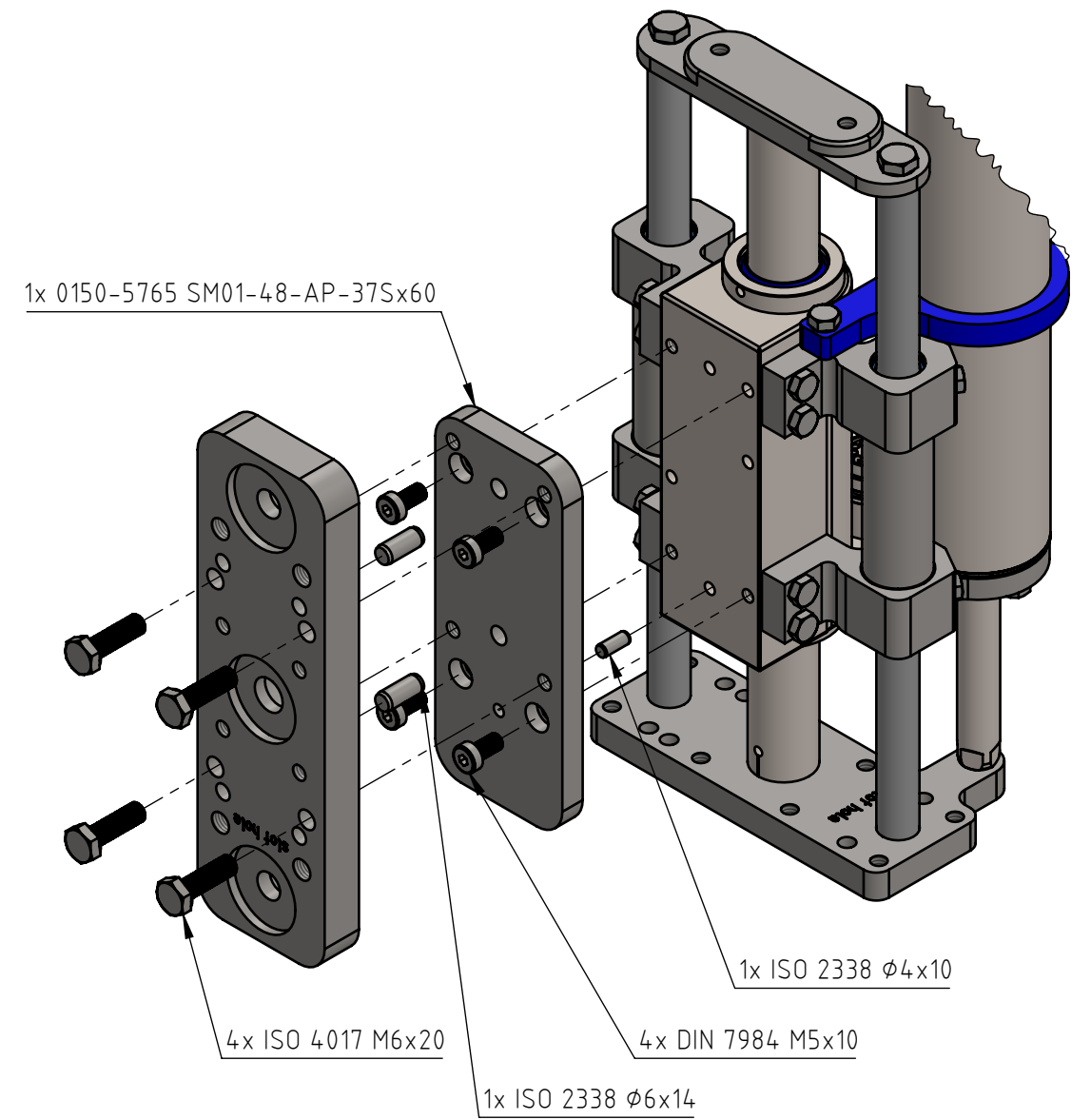
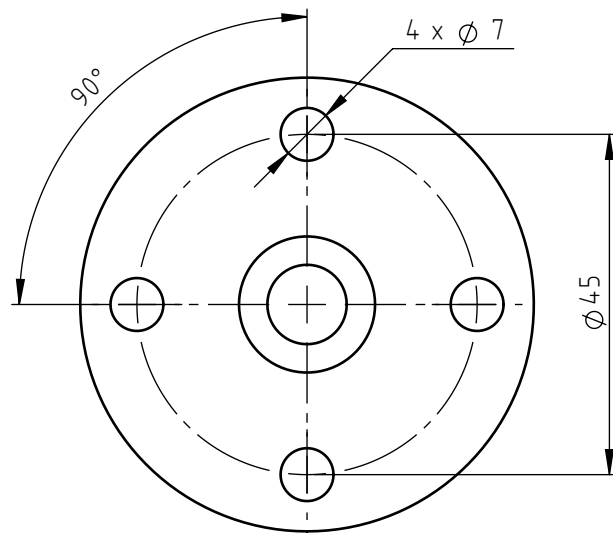
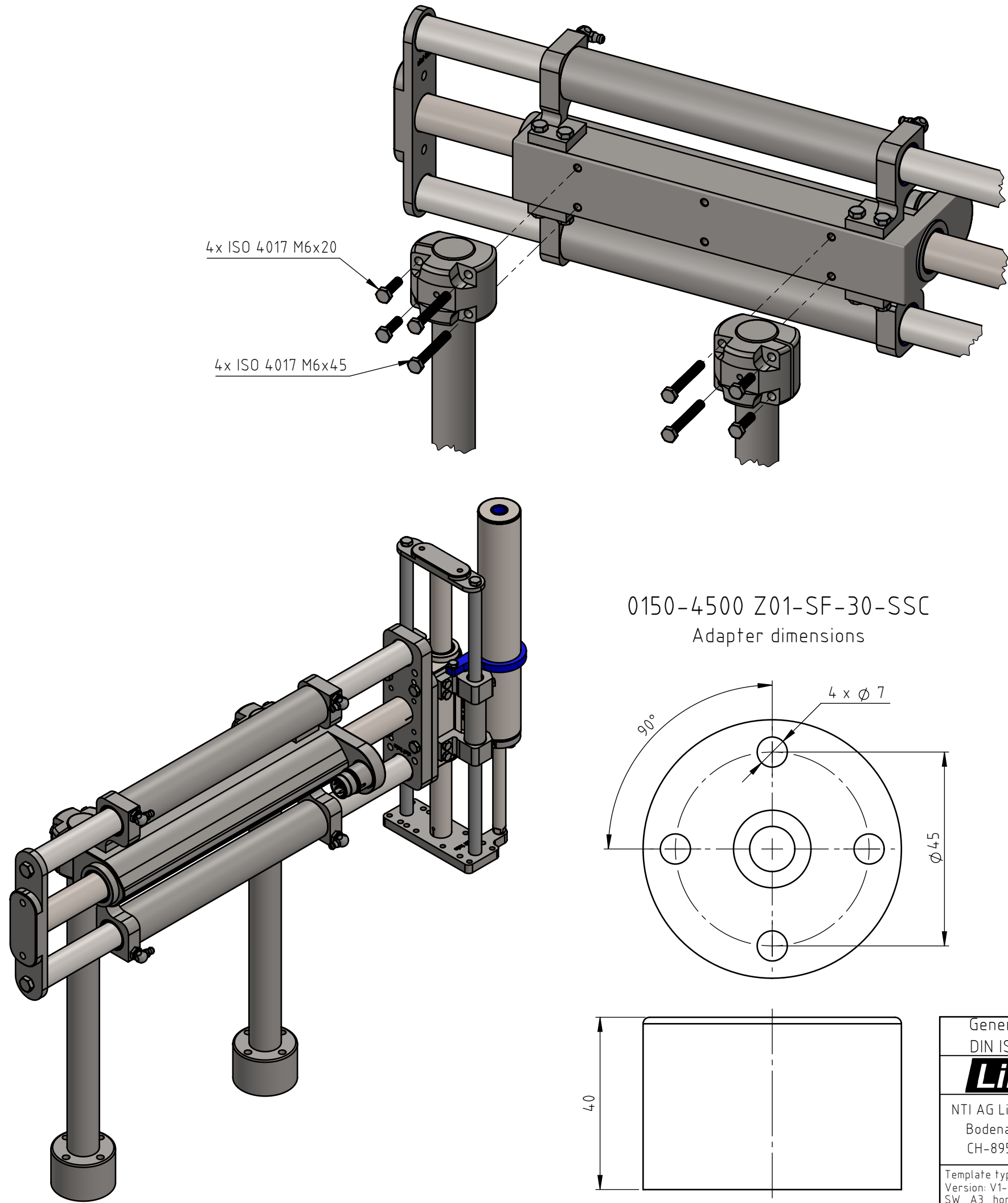
Stage type	PP13_165-48x240F_180-37Sx60-BE20-MS04_MT13	
Motor type	Horizontal: 0150-4490 SM01-48x240F-HP-C-165_SSCP	Vertical: 0150-6711 SM01-37Sx60-XP-R-180_BE20_MS04_SSCP
Stroke	165	180
Max. Force@48VDC [N]	477	128
Max. Force@72VDC [N]	477	128
Position resolution [mm]	0.007	0.005
Repeatability [mm]	±0.05	±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	1.930
Module mass [kg]	10.777	5.120
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_180-37Sx60-BE20-MS04_MT13
Motor type	Horizontal: 0150-4490 SM01-48x240F-HP-C-165_SSCP Vertical: 0150-6711 SM01-37Sx60-XP-R-180_BE20_MS04_SSCP
Cable guide	Available: Not chosen
Pillar system	Chosen: PP13_MT13

A	Document created	23.05.2025	JB	DG
Rev.	Change	Date	Author	Appr.

General tolerance DIN ISO 2768 - mK	Created by J.-E. Beekhuis	Status 23.05.2025/jb	Material			
LinMot®	0380-0047_PP13_165-48x240F_180-37Sx60-BE20-MS04_MT13			☐ Safety Rel.	Weight (g)	
				☐ UL-Rel.		
	Title, additional title PP13_165-48x240F_ 180-37Sx60-BE20-MS04_MT13 Pick&Place / SM01-48x240 & SM01-37x60 Art.No.: 0300-1016			Document type Assembly drawing		
NTI AG LinMot & MagSpring Bodenaeckerstrasse 2 CH-8957 Spreitenbach				Drawing number / Index 0380-0047A		
Template type: SW2020 Version: V1-1 SW_A3_hori_Sheet_format_V1-1	Scale 1:4			Sheet 2 / 3	A3	

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General tolerance DIN ISO 2768 - mK	Created by J.-E. Beekhuis	Status 23.05.2025 / jb	Material
LinMot®	0380-0047_PP13_165-48x240F_180-37Sx60-BE20-MS04_MT13	☐ Safety Rel. ☐ UL-Rel.	Weight (g) 25784.47
NTI AG LinMot & MagSpring Bodenaeckerstrasse 2 CH-8957 Spreitenbach	Title, additional title PP13_165-48x240F_ 180-37Sx60-BE20-MS04_MT13 Pick&Place / SM01-48x240 & SM01-37x60 Art.No.: 0300-1016	Document type Assembly drawing	Drawing number / Index 0380-0047A
Template type: SW2020 Version: V1-1 SW_A3_hori_Sheet_format_V1-1	Scale 1:3		Sheet 3 / 3 A3