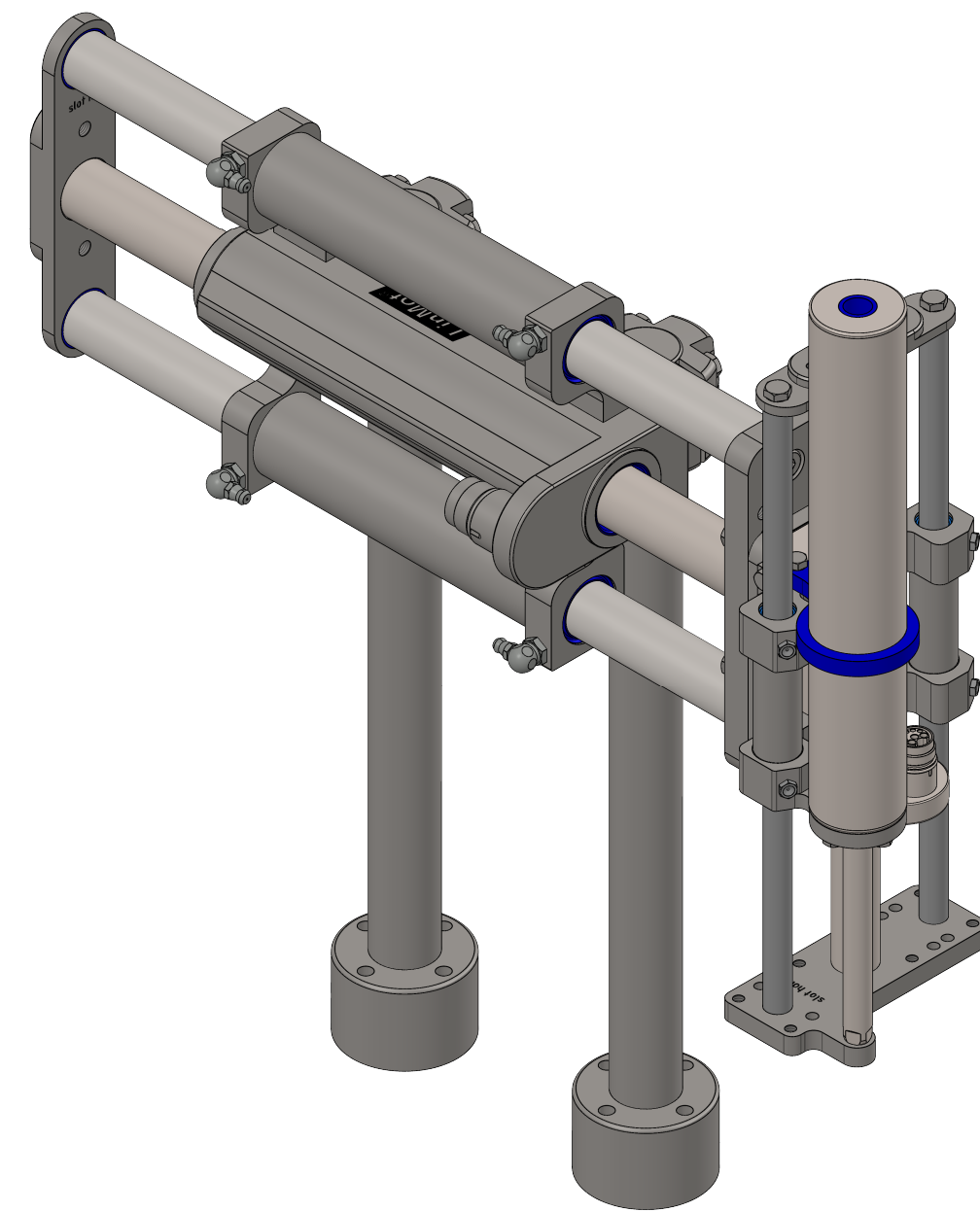
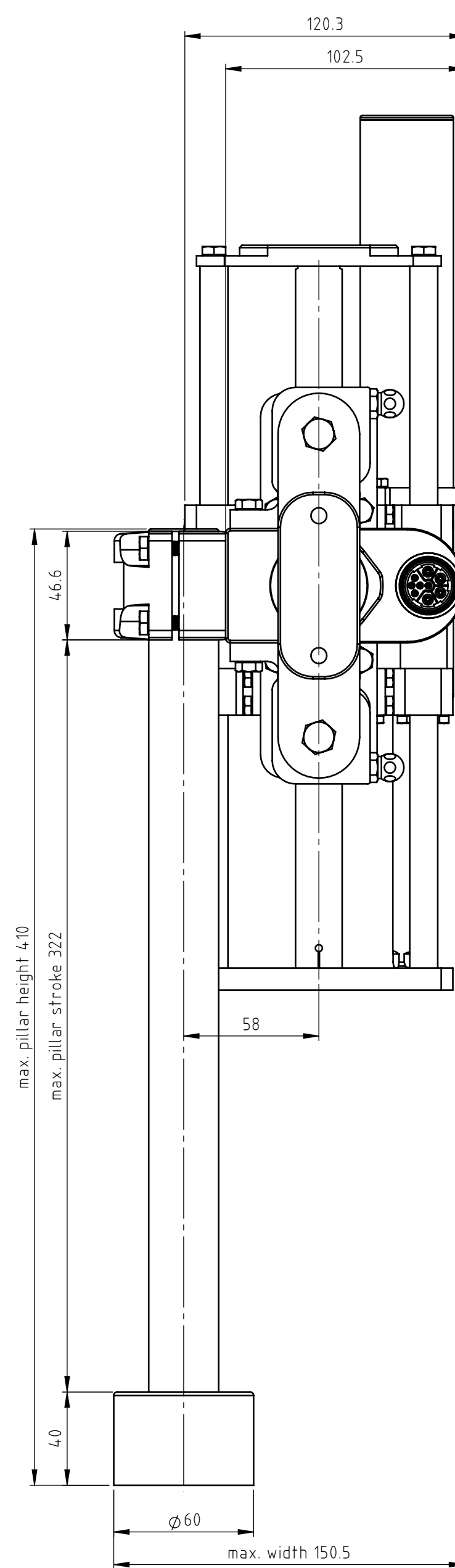
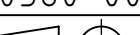
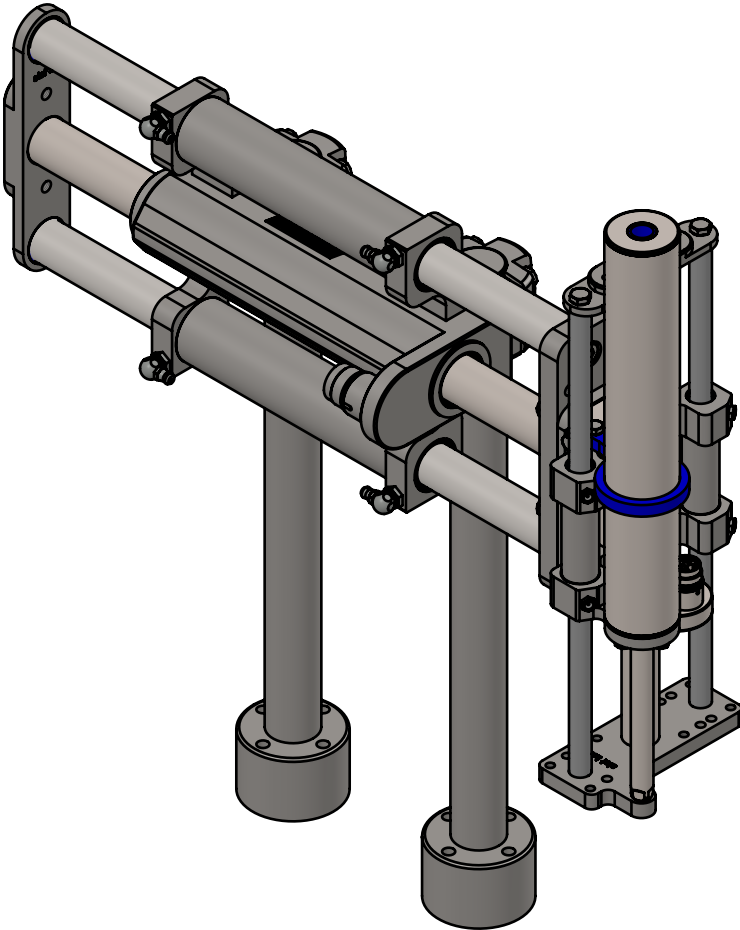




A	Document created	21.05.2025	JB	DG
Rev.	Change	Date	Author	Appr.

General tolerance DIN ISO 2768 - mK	Created by J.-E. Beekhuis	Status 21.05.2025/ jb	Material	Date	Author	Appr.
	File name 0380-0041_PP13_165-48x150G_180-37Sx60-BE20-MS04_MT13			☐ Safety Rel. ☐ UL-Rel.		Weight (g)
	Title, additional title PP13_165-48x150G_180-37Sx60-BE20-MS04_MT13			Document type Assembly drawing		
	NTI AG LinMot & MagSpring Bodenaeckerstrasse 2 CH-8957 Spreitenbach			Drawing number / Index 0380-0041A		
	Template type: SW2020 Version: V1-1 SW_A2_hori_Sheet_format_V1-1			Scale 1:2		
Pick&Place / SM01-48x150 & SM01-37x60 Art.No.: 0300-1010						Sheet 1 / 3
						A2

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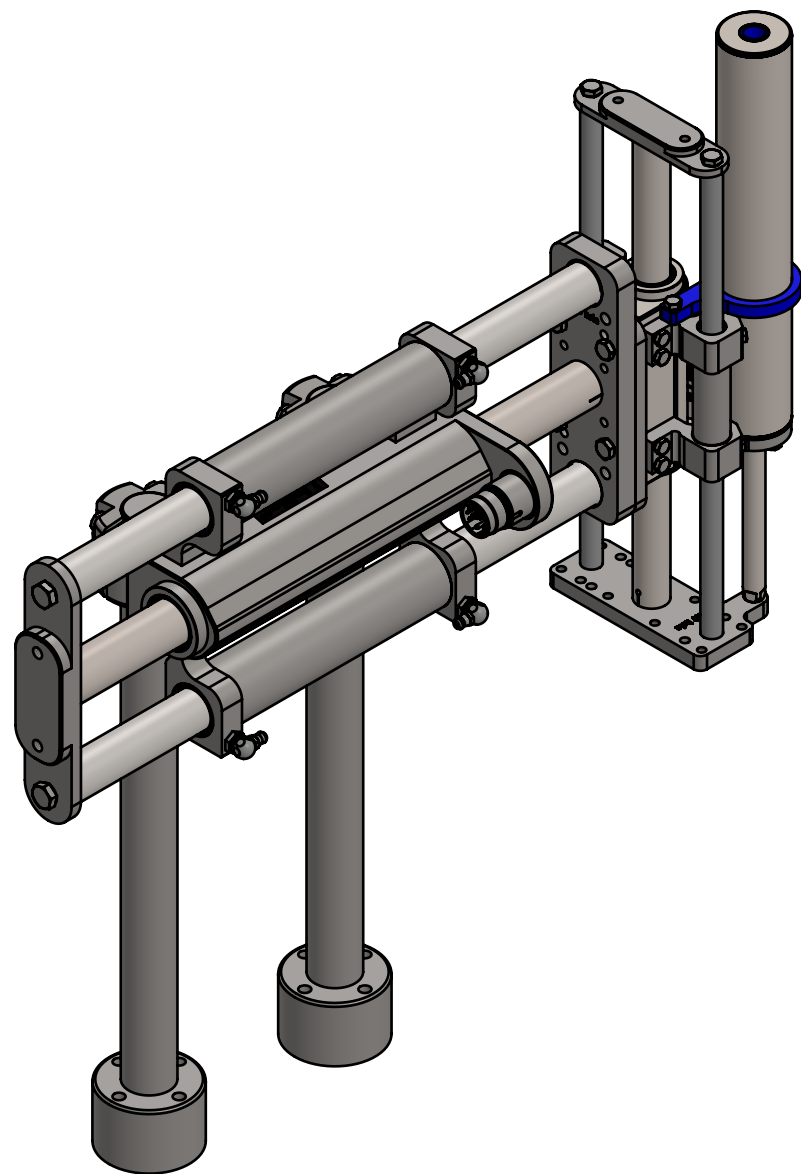
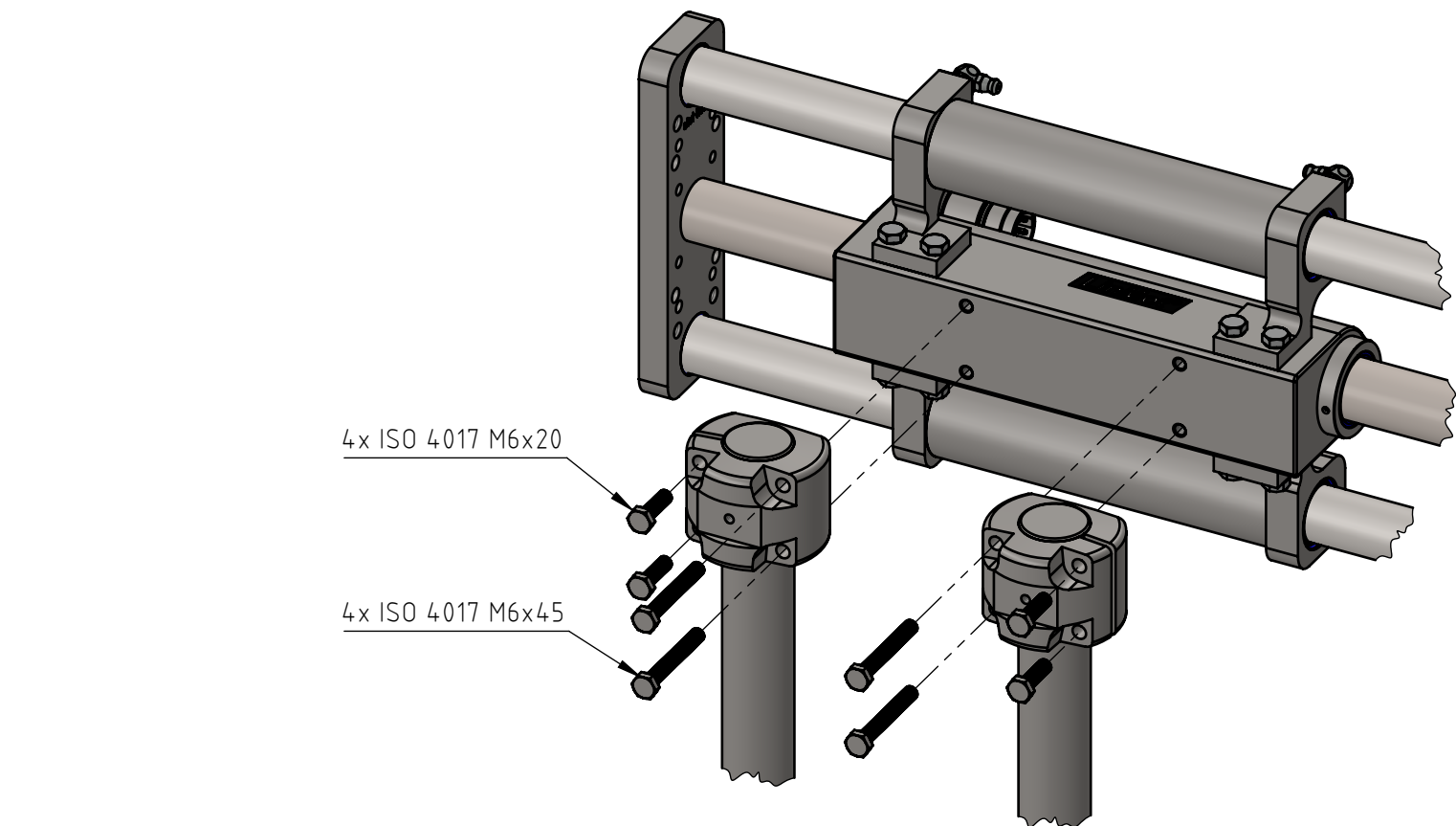
Stage type	PP13_165-48x150G_180-37Sx60-BE20-MS04_MT13	
Motor type	Horizontal: 0150-4453 SM01-48x150G-HP-C-165__SSCP	Vertical: 0150-6711 SM01-37Sx60-XP-R-180__BE20__MS04__SSCP
Stroke	165	180
Max. Force@48VDC [N]	312	128
Max. Force@72VDC [N]	312	128
Position resolution [mm]	0.007	0.005
Repeatability [mm]	±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]	4.750	1.930
Module mass [kg]	9.500	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_165-48x150G_180-37Sx60-BE20-MS04_MT13	
Motor type	Horizontal: 0150-4453 SM01-48x150G-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	

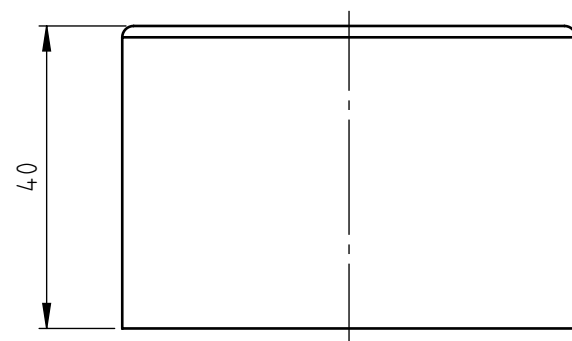
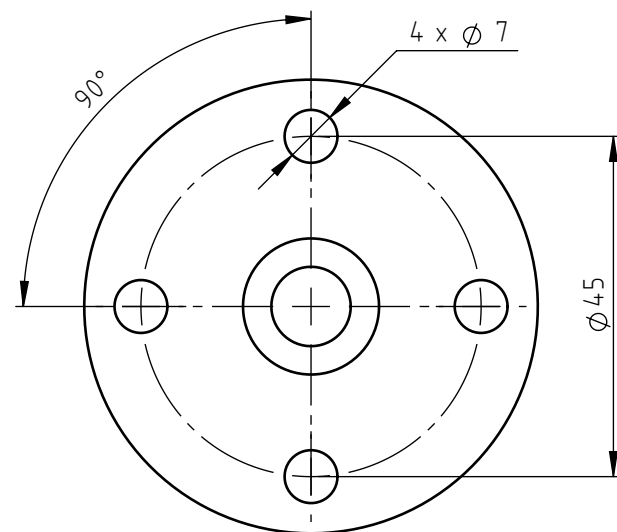
A	Document created	21.05.2025	JB	DG
Rev.	Change	Date	Author	Appr.

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	0380-0041_PP13_165-48x150G_180-37Sx60-BE20-MS04_MT13		☐ Safety Rel.	Weight (g)
	Title, additional title PP13_165-48x150G_ 180-37Sx60-BE20-MS04_MT13		☐ UL-Rel.	
	Pick&Place / SM01-48x150 & SM01-37x60 Art.No.: 0300-1010		Document type Assembly drawing	
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Scale 1:4				Sheet 2 / 3
				A3

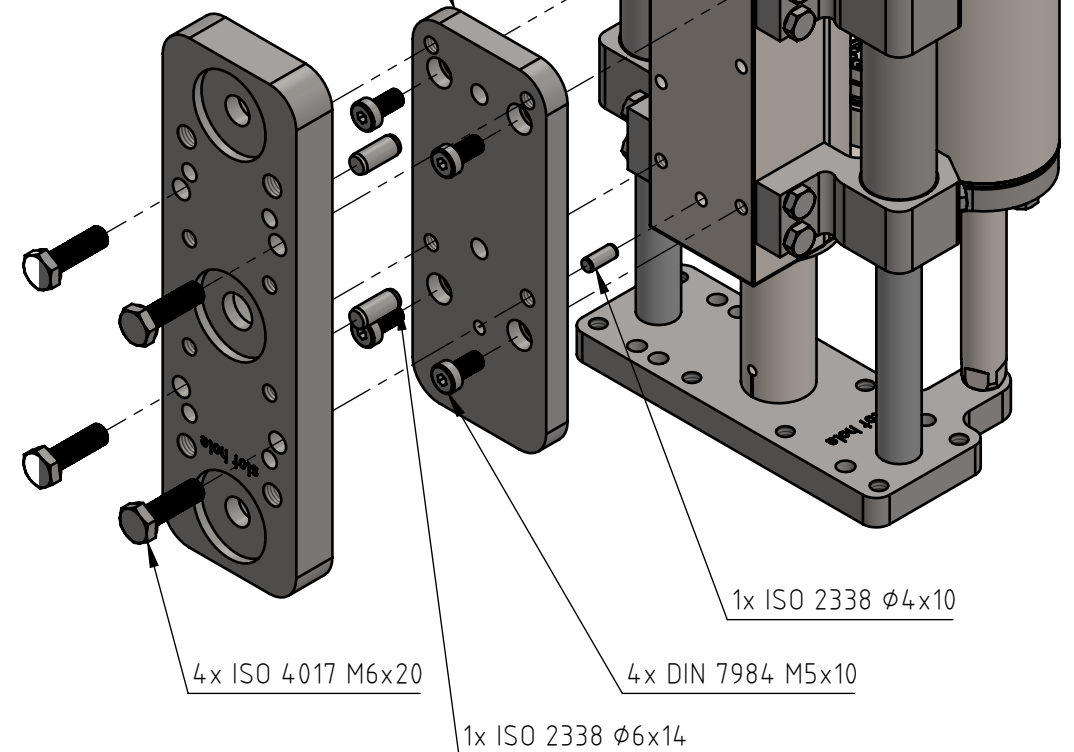
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0150-4500 Z01-SF-30-SSC
Adapter dimensions



1x 0150-5765 SM01-48-AP-37Sx60



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General tolerance DIN ISO 2768 - mK	Created by J.-E. Beekhuis	Status 21.05.2025/jb	Material	
LinMot®	0380-0041_PP13_165-48x150G_180-37Sx60-BE20-MS04_MT13		☐ Safety Rel.	Weight (g) 22867.96
NTI AG LinMot & MagSpring Bodenaeckerstrasse 2 CH-8957 Spreitenbach	Title, additional title PP13_165-48x150G_ 180-37Sx60-BE20-MS04_MT13 Pick&Place / SM01-48x150 & SM01-37x60 Art.No.: 0300-1010		Document type Assembly drawing	
Template type: SW2020 Version: V1-1 SW_A3_hori_Sheet_format_V1-1			Drawing number / Index 0380-0041A	
		Scale 1:3		Sheet 3 / 3
		A3		