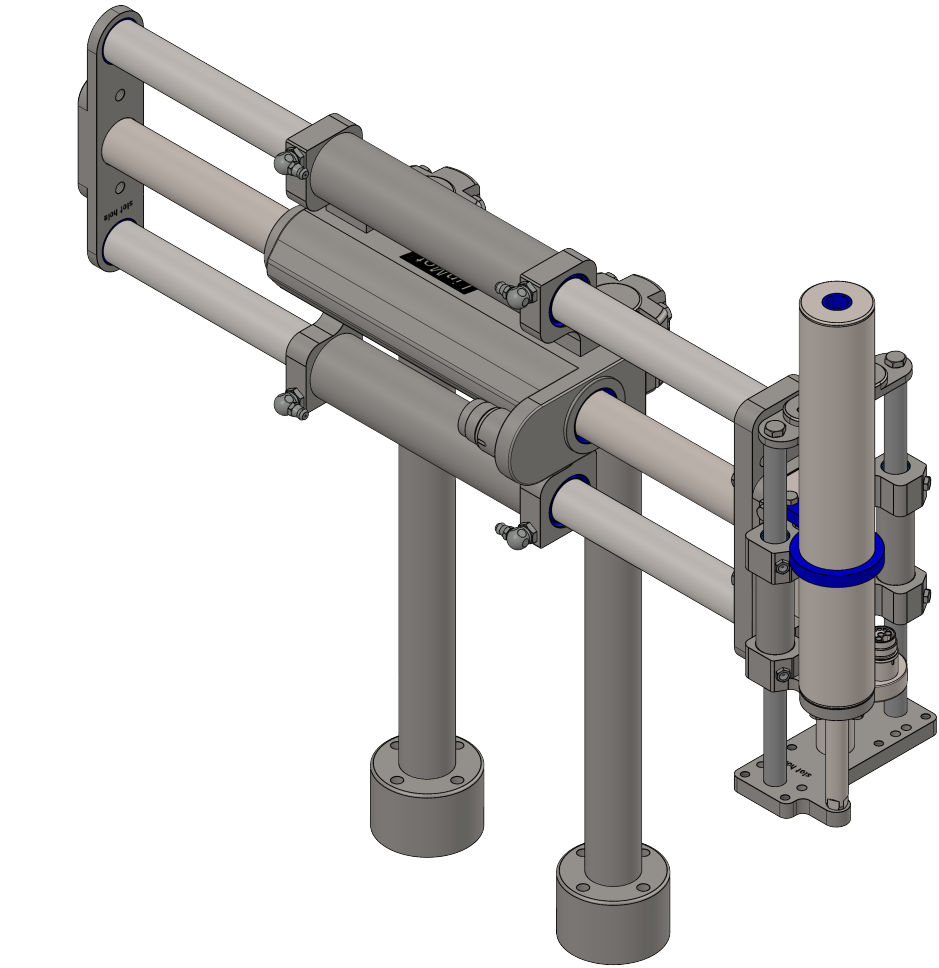
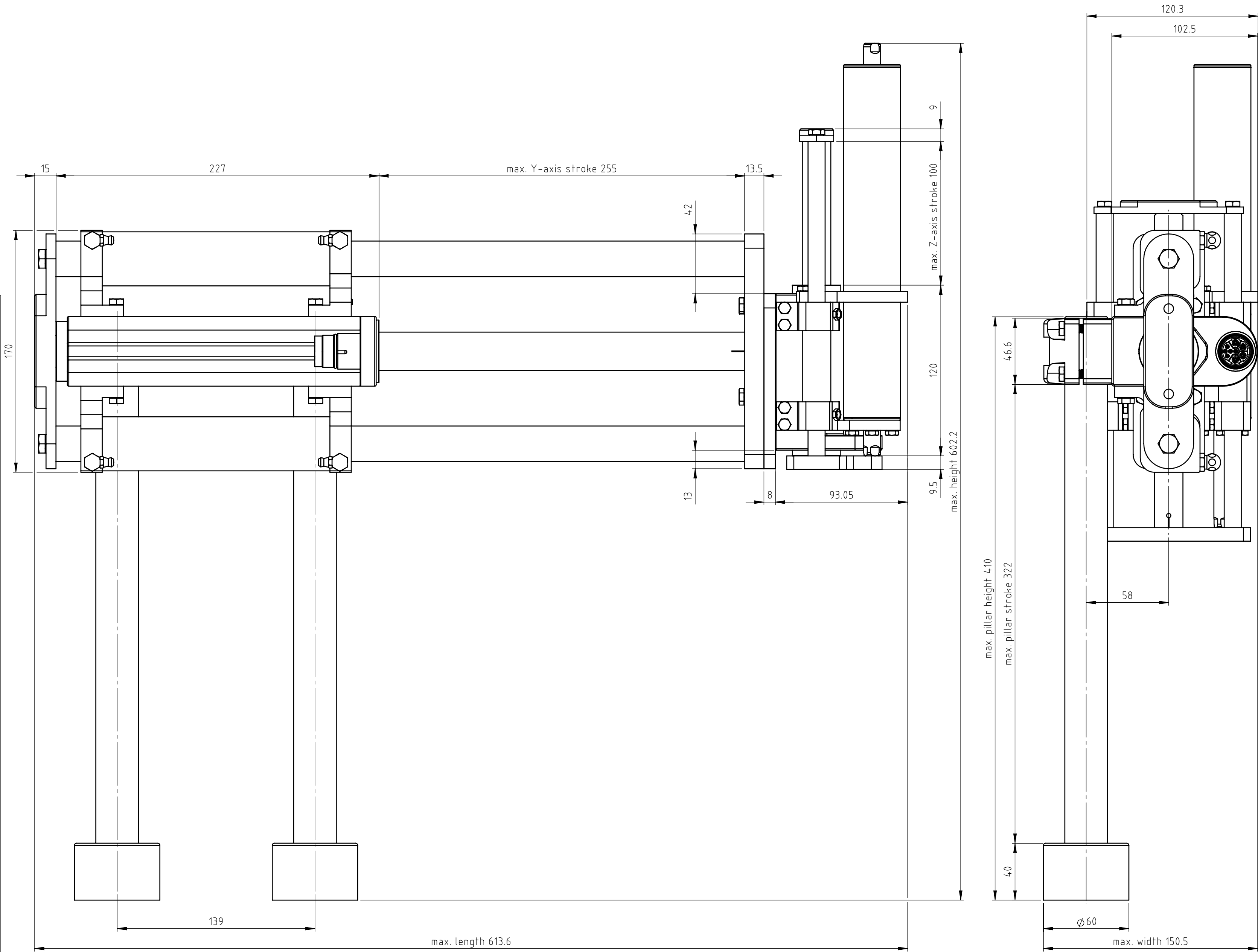


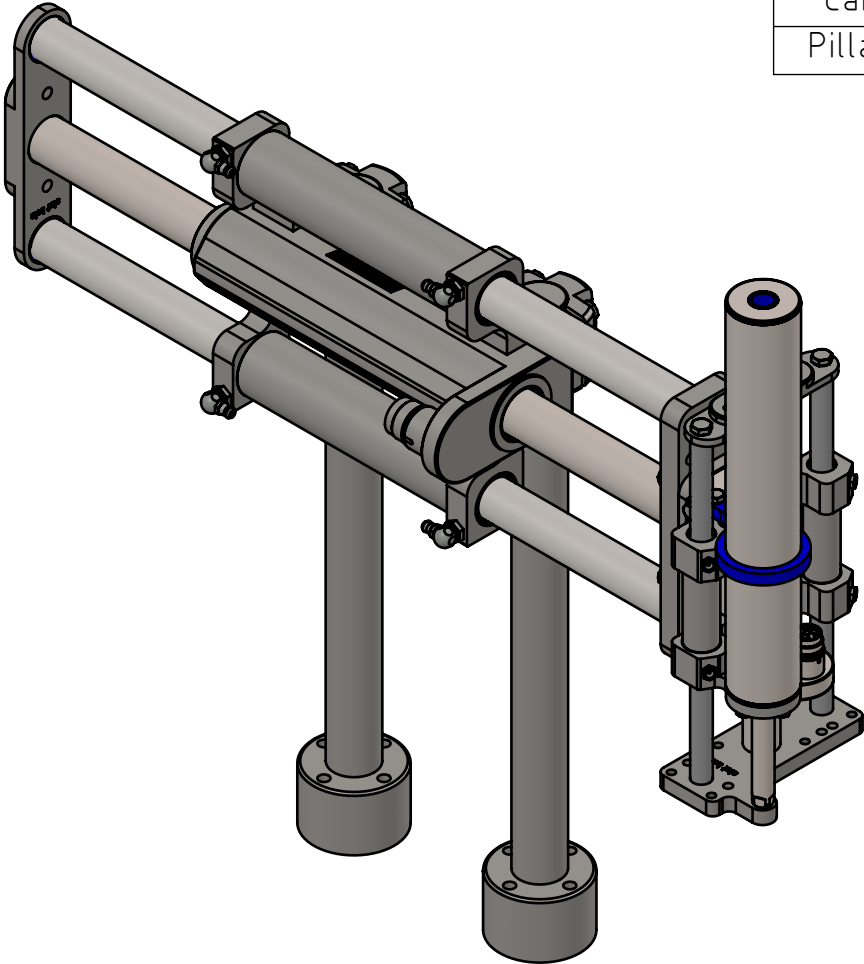
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Rev.	Change	Date	Author	Appr.

General tolerance DIN ISO 2768 - mK	Created by J.-E. Beekhuis	Status 21.05.2025/jb	Material
LinMot®	File name 0380-0039_PP13_255-48x150G_100-375x60-BE20-MS04_MT13	Title, additional title PP13_255-48x150G_100-375x60-BE20-MS04_MT13	☐ Safety Rel. ☐ UL-Rel.
NTI AG LinMot & MagSpring Bodenaeckerstrasse 2 CH-8957 Spreitenbach	Template type: SW2020 Version: V1-1 SW_A2_hori_Sheet_format_V1-1	Pick&Place / SM01-48x150 & SM01-37x60 Art.No: 0300-1008	Document type Assembly drawing Drawing number / Index 0380-0039A
Scale 1:2		Sheet 1 / 3	A2

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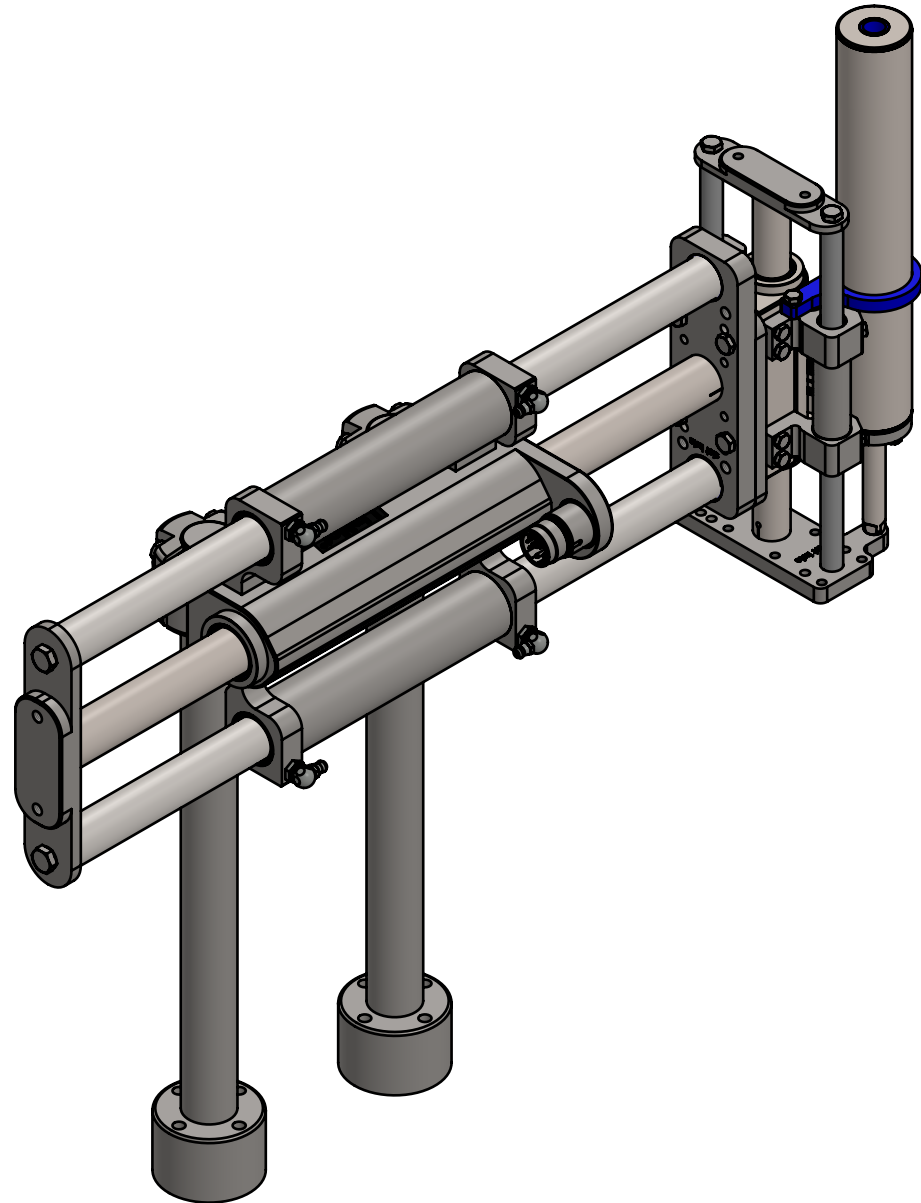
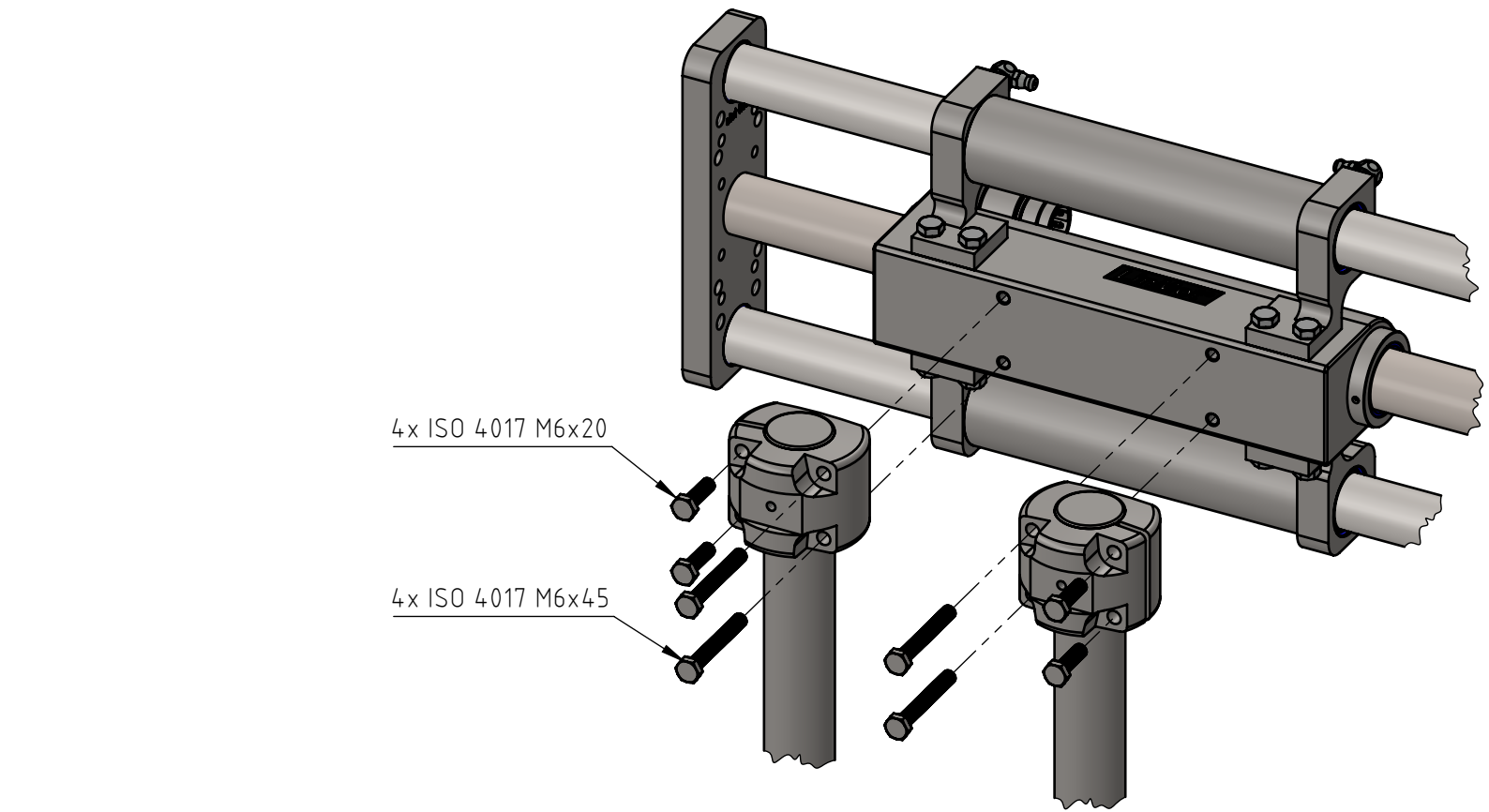
Stage type	PP13_255-48x150G_100-37Sx60-BE20-MS04_MT13	
Motor type	Horizontal: 0150-4484 SM01-48x150G-HP-C-255_SSCP	Vertical: 0150-6740 SM01-37Sx60-XP-R-100_BE20_MS04_SSCP
Stroke	255	100
Max. Force@48VDC [N]	312	128
Max. Force@72VDC [N]	312	128
Position resolution [mm]	0.007	0.005
Repeatability [mm]	±0.05	±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]	5.565	1.534
Module mass [kg]	10.305	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_255-48x150G_100-37Sx60-BE20-MS04_MT13
Motor type	Horizontal: 0150-4484 SM01-48x150G-HP-C-255_SSCP Vertical: 0150-6740 SM01-37Sx60-XP-R-100_BE20_MS04_SSCP
Cable guide	Available: Not chosen
Pillar system	Chosen: PP13_MT13

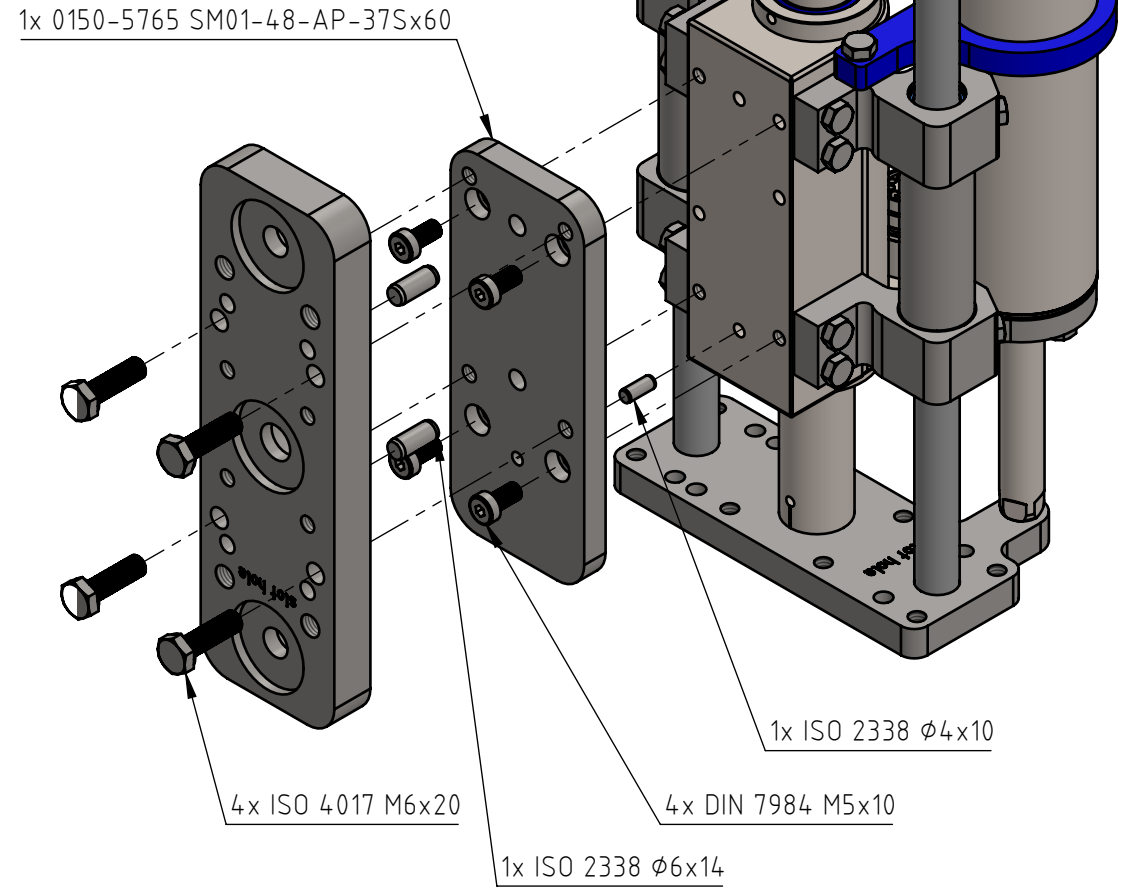
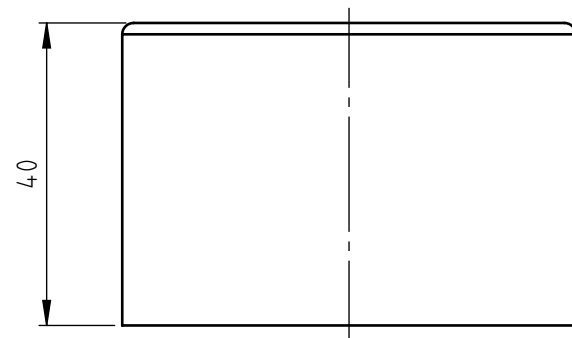
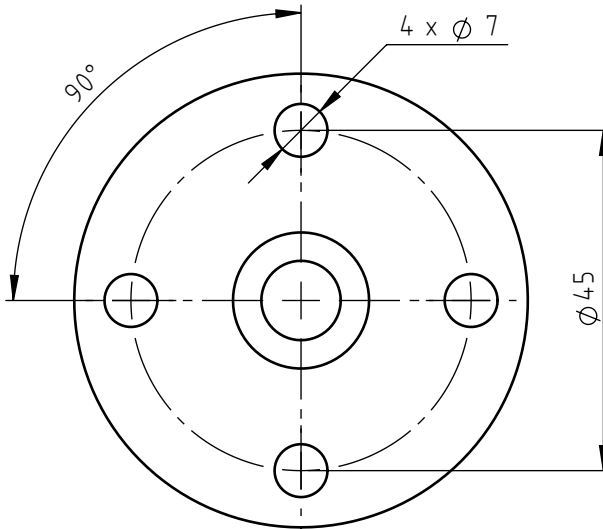
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Rev.	Change	Date	Author	Appr.

General tolerance DIN ISO 2768 - mK		Created by J.-E. Beekhuis	Status 21.05.2025/jb	Material					
LinMot®		0380-0039_PP13_255-48x150G_100-37Sx60-BE20-MS04__MT13			☐ Safety Rel. ☐ UL-Rel.		Weight (g)		
NTI AG LinMot & MagSpring Bodenaeckerstrasse 2 CH-8957 Spreitenbach		Title, additional title PP13_255-48x150G_ 100-37Sx60-BE20-MS04__MT13 Pick&Place / SM01-48x150 & SM01-37x60 Art.No.: 0300-1008			Document type Assembly drawing				
					Drawing number / Index 0380-0039A				
Template type: SW2020 Version: V1-1 SW_A3_hori_Sheet_format_V1-1		Scale 1:4					Sheet		A3
							2 / 3		

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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®	0380-0039_PP13_255-48x150G_100-37Sx60-BE20-MS04_MT13		☐ Safety Rel.	Weight (g) 23444.21
NTI AG LinMot & MagSpring Bodenaeckerstrasse 2 CH-8957 Spreitenbach	Title, additional title PP13_255-48x150G_ 100-37Sx60-BE20-MS04_MT13 Pick&Place / SM01-48x150 & SM01-37x60 Art.No.: 0300-1008		Document type Assembly drawing	
Template type: SW2020 Version: V1-1 SW_A3_hori_Sheet_format_V1-1	Scale 1:3		Drawing number / Index 0380-0039A	
		Sheet 3 / 3		A3