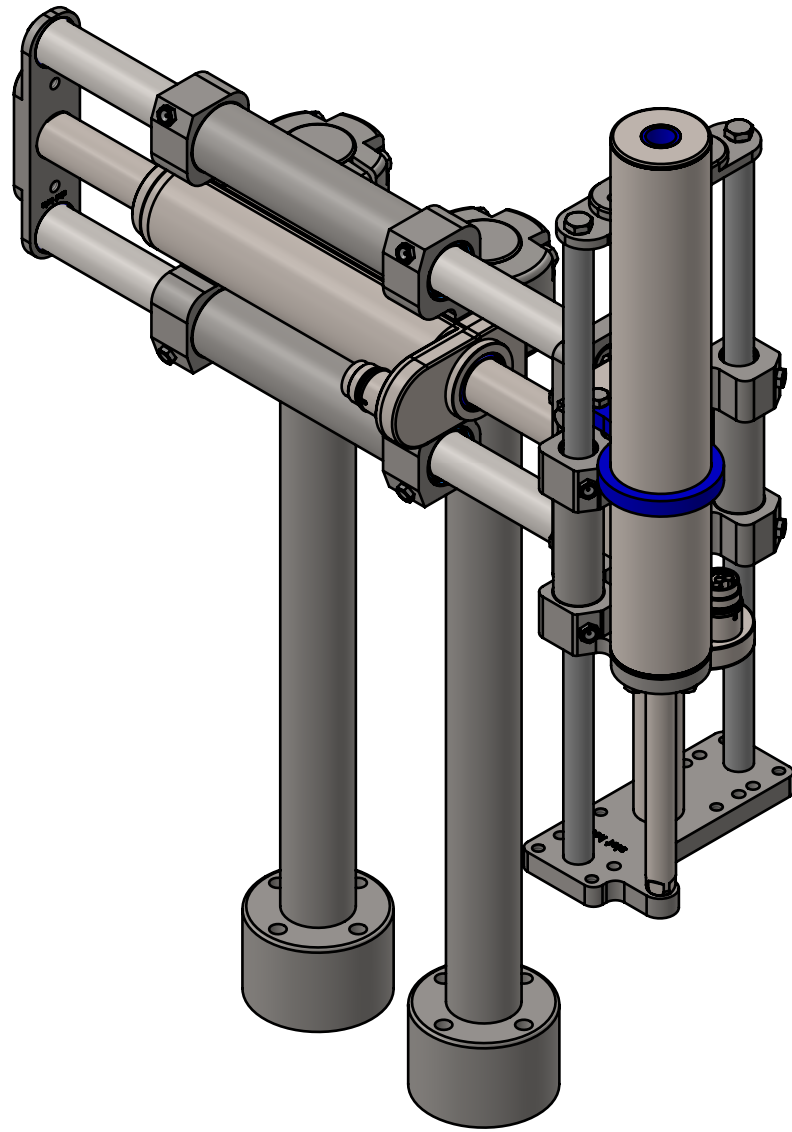
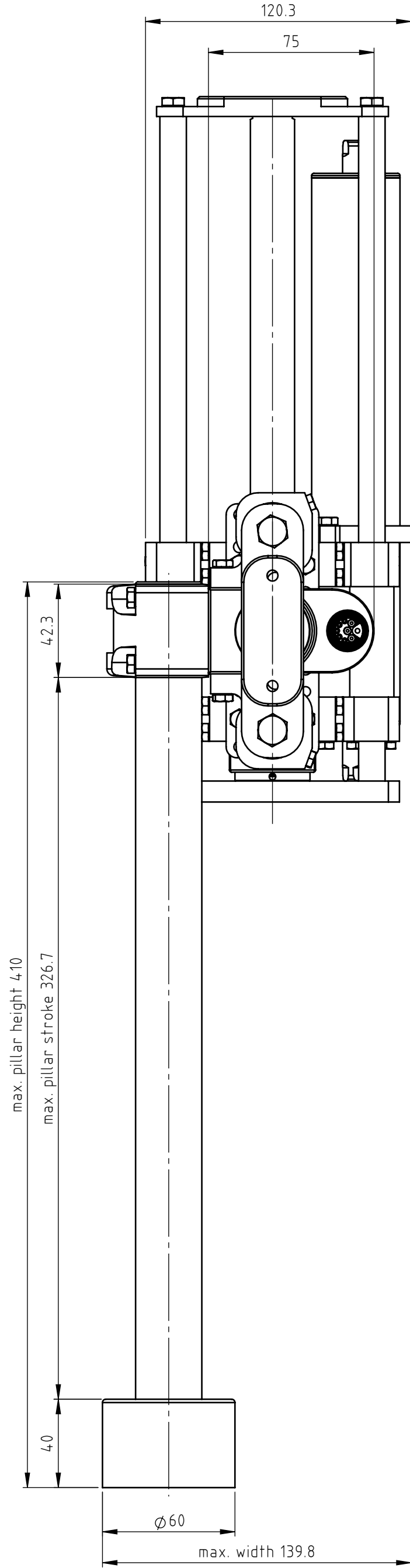
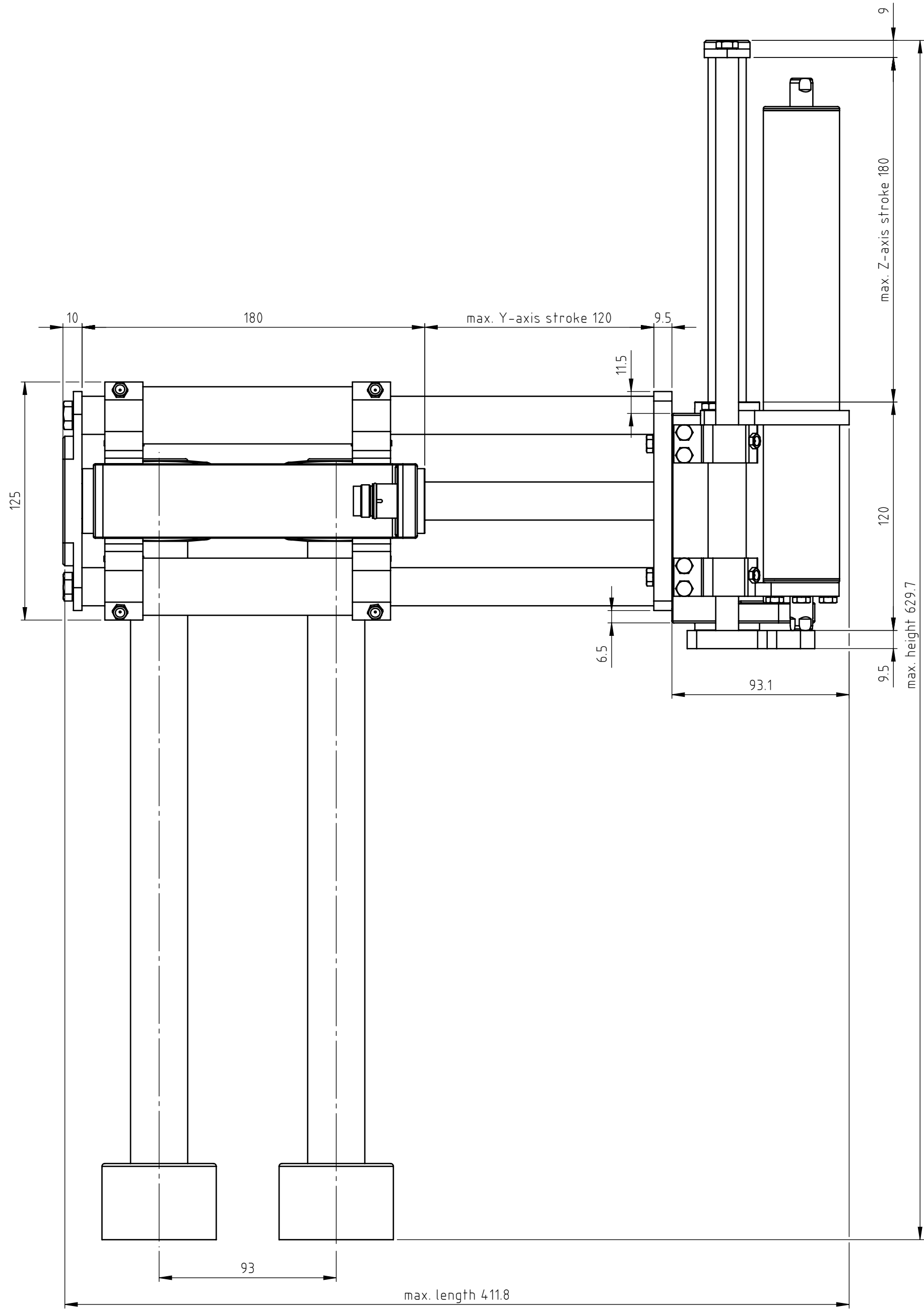


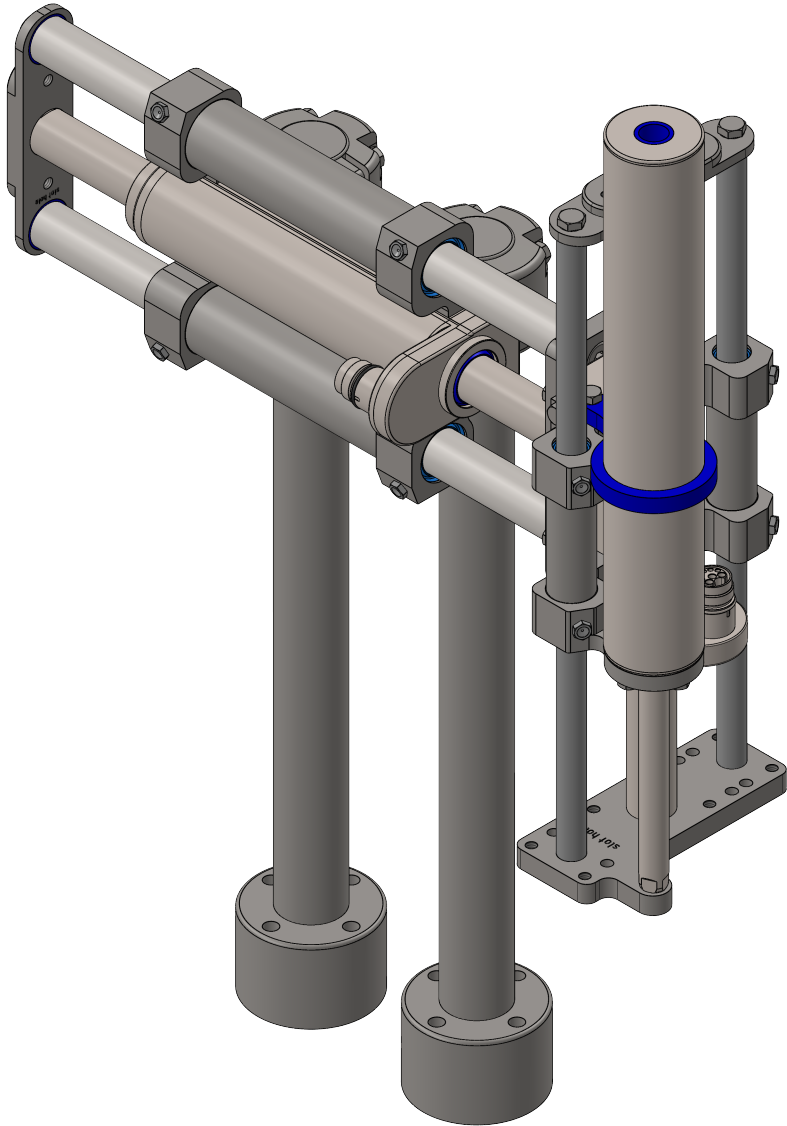
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A	Document created	20.05.2025	JB	DG
Rev.	Change	Date	Author	Appr.

General tolerance DIN ISO 2768 - mK	Created by J.-E. Beekhuis	Status 20.05.2025/jb	Material	
LinMot®	File name 0380-0035_PP13_120-37Sx120_180-37Sx60-BE20-MS04_MT12	☐ Safety Rel. Weight (g) ☐ UL-Rel.		
NTI AG LinMot & MagSpring Bodenaeckerstrasse 2 CH-8957 Spreitenbach	Title, additional title PP13_120-37Sx120_ 180-37Sx60-BE20-MS04_MT12 Pick&Place / SM01-37Sx120 & SM01-37Sx60	Document type Assembly drawing		
Template type: SW2020 Version: V1-1 SW_A2_hori_Sheet_format_V1-1	Art.No.: 0300-1004	Drawing number / Index 0380-0035A		
Scale 1:2			Sheet 1 / 3	A2

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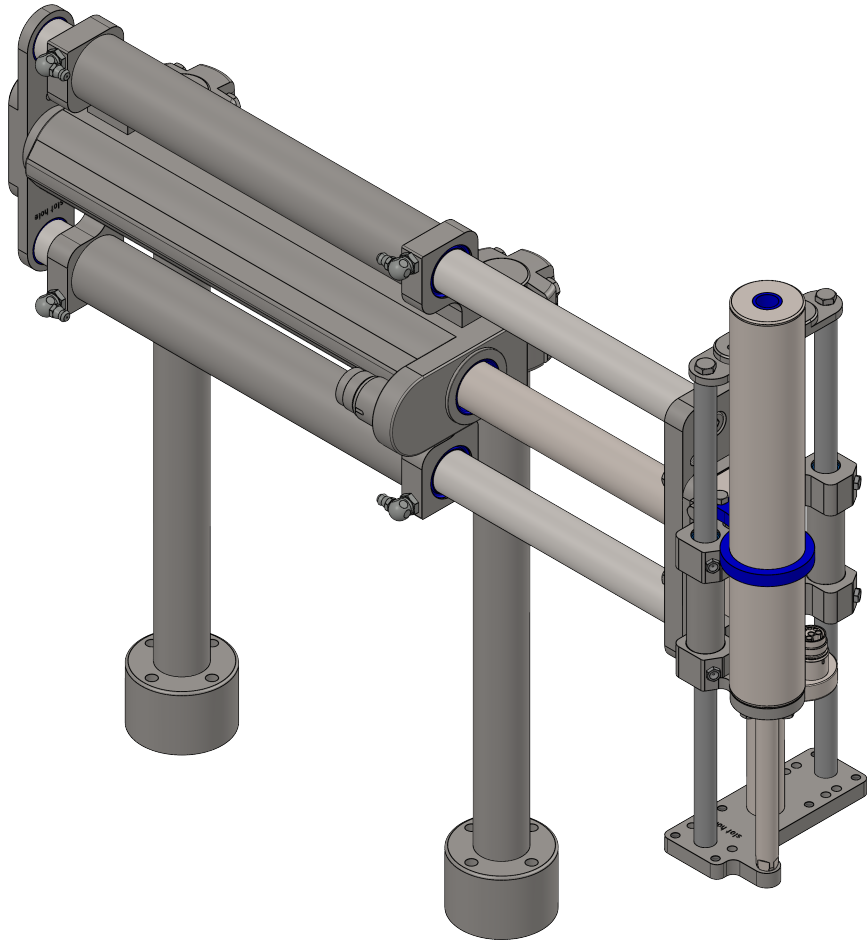
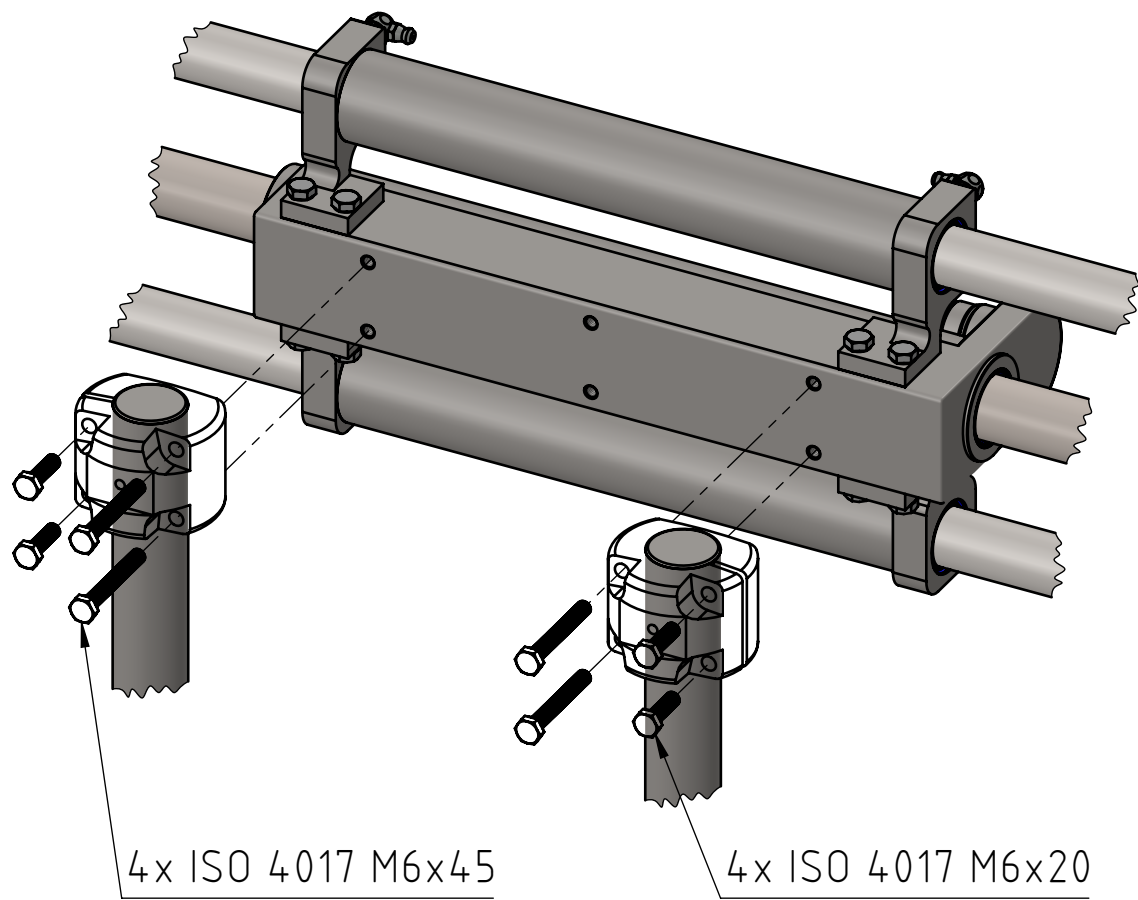
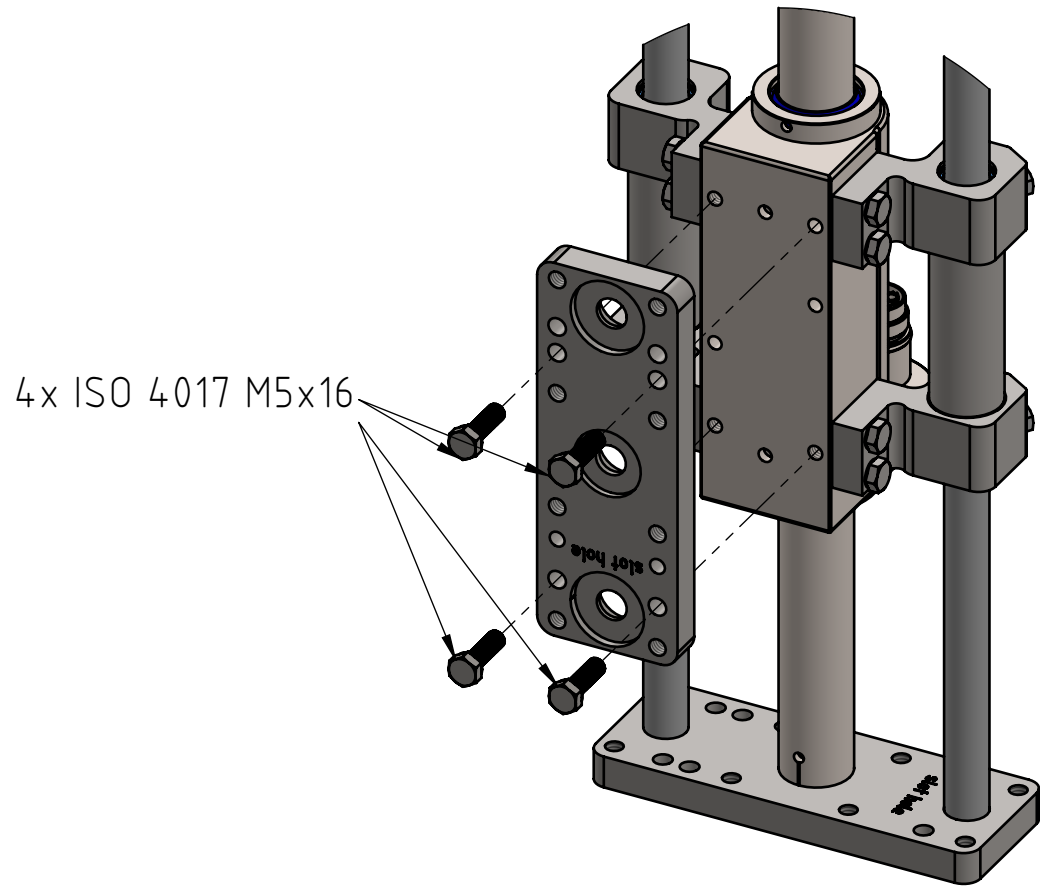
Stage type	PP13_120-37Sx120_180-37Sx60-BE20-MS04_MT12	
Motor type	Horizontal: 0150-4402 SM01-37Sx120F-HP-R-120__SSCP	Vertical: 0150-6711 SM01-37Sx60-XP-R-180__BE20_MS04__SSCP
Stroke	120	180
Max. Force@48VDC [N]	255	128
Max. Force@72VDC [N]	255	128
Position resolution [mm]	0.005	0.005
Repeatability [mm]	±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]	1.997	1.930
Module mass [kg]	4.142	5.120
Pillar mass [kg]	6.472	
Cable weight [kg/km]	83.0	
Cable tube weight [kg/m]	-	
Max. payload	see installation guide	see installation guide
Grease type - Motor	0150-1954 / 0150-1955 LU02	
Grease type - Bearing	0150-1954 / 0150-1955 LU02	
Grease type - MagSpring	0150-1954 / 0150-1955 LU02	

Accessories		
Stage type	PP13_120-37Sx120_180-37Sx60-BE20-MS04_MT12	
Motor type	Horizontal: 0150-4402 SM01-37Sx120F-HP-R-120__SSCP	Vertical: 0150-6711 SM01-37Sx60-XP-R-180__BE20_MS04__SSCP
Cable guide	Available: Not chosen	
Pillar system	Chosen: PP13_MT12	

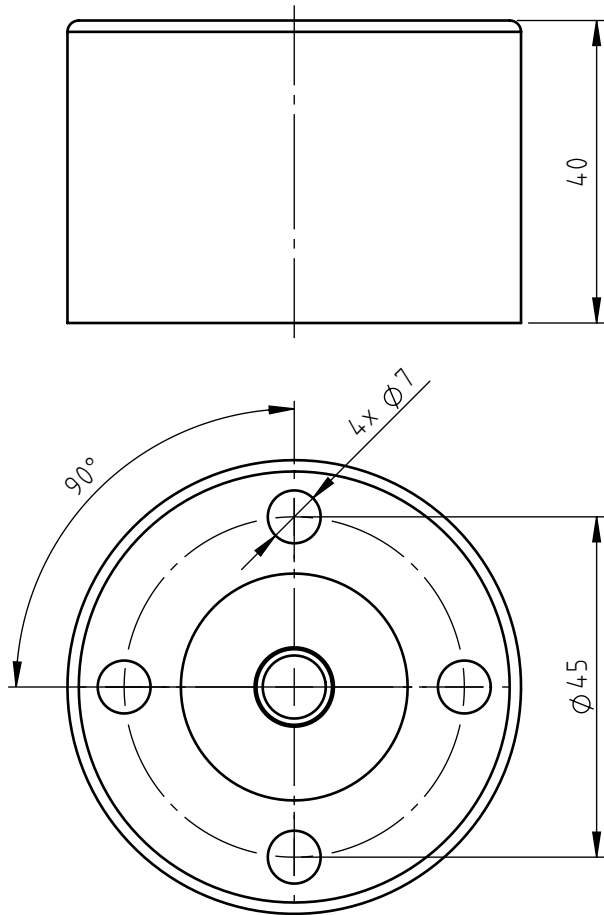
A	Document created	20.05.2025	JB	DG
Rev.	Change	Date	Author	Appr.

General tolerance DIN ISO 2768 - mK		Created by J.-E. Beekhuis	Status 20.05.2025/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		0380-0035_PP13_120-37Sx120_180-37Sx60-BE20-MS04_MT12			☐ Safety Rel.	Weight (g)	
		Title, additional title PP13_120-37Sx120_ 180-37Sx60-BE20-MS04_MT12 Pick&Place / SM01-37Sx120 & SM01-37Sx60 Art.No.: 0300-1004			☐ UL-Rel.		
					Document type Datasheet		
					Drawing number / Index 0380-0035A		
		Scale 1:3			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 20.05.2025/jb	Material	
LinMot®	0380-0035_PP13_120-37Sx120_180-37Sx60-BE20-MS04_MT12		☐ Safety Rel.	Weight (g) 25784.47
NTI AG LinMot & MagSpring Bodenaeckerstrasse 2 CH-8957 Spreitenbach	Title, additional title PP13_120-37Sx120_ 180-37Sx60-BE20-MS04_MT12 Pick&Place / SM01-37Sx120 & SM01-37Sx60 Art.No.: 0300-1004		Document type Assembly drawing	
Template type: SW2020 Version: V1-1 SW_A3_hori_Sheet_format_V1-1	Scale 1:2		Drawing number / Index 0380-0035A	
		Sheet 3 / 3		A3