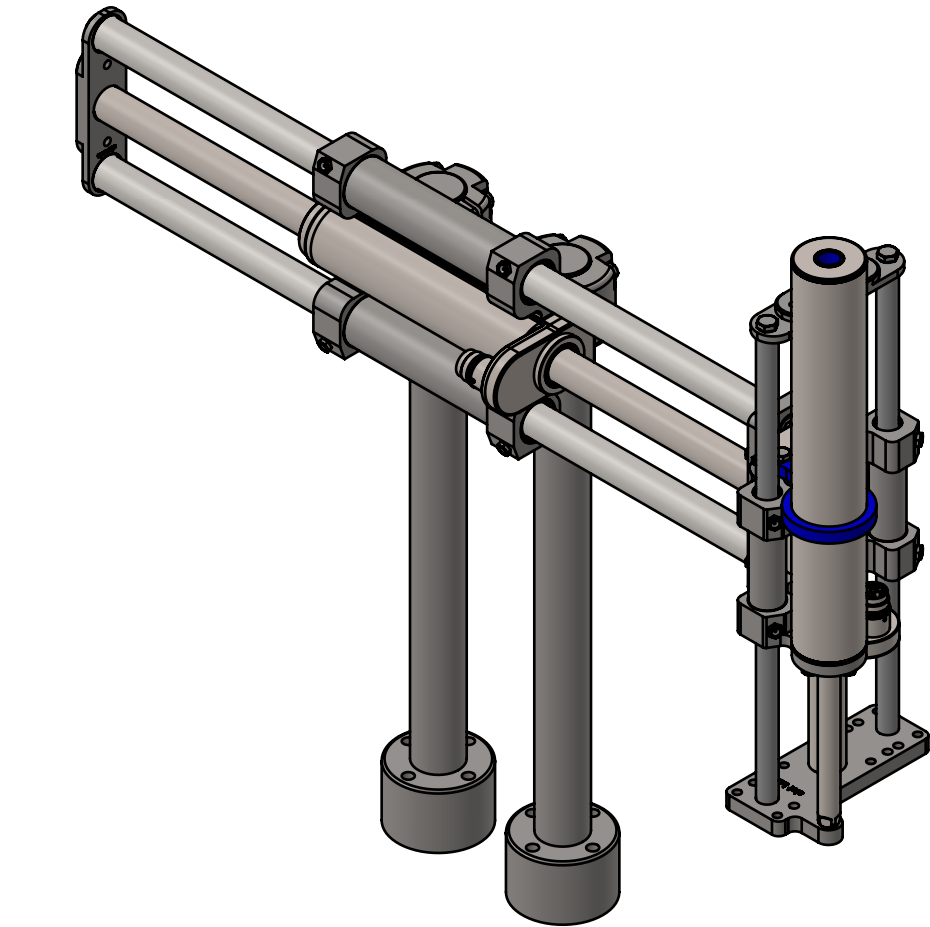
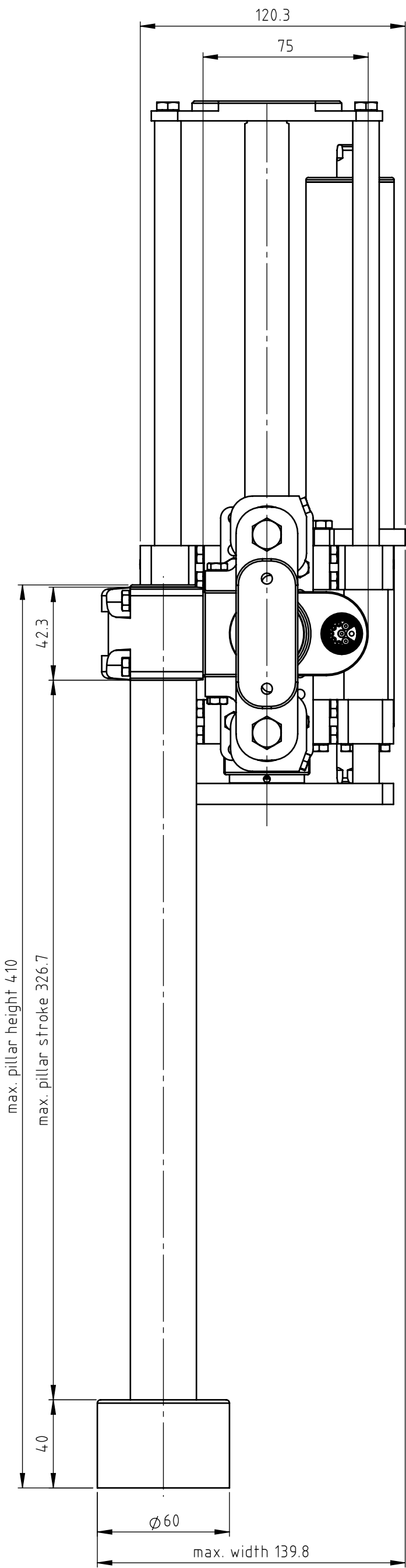
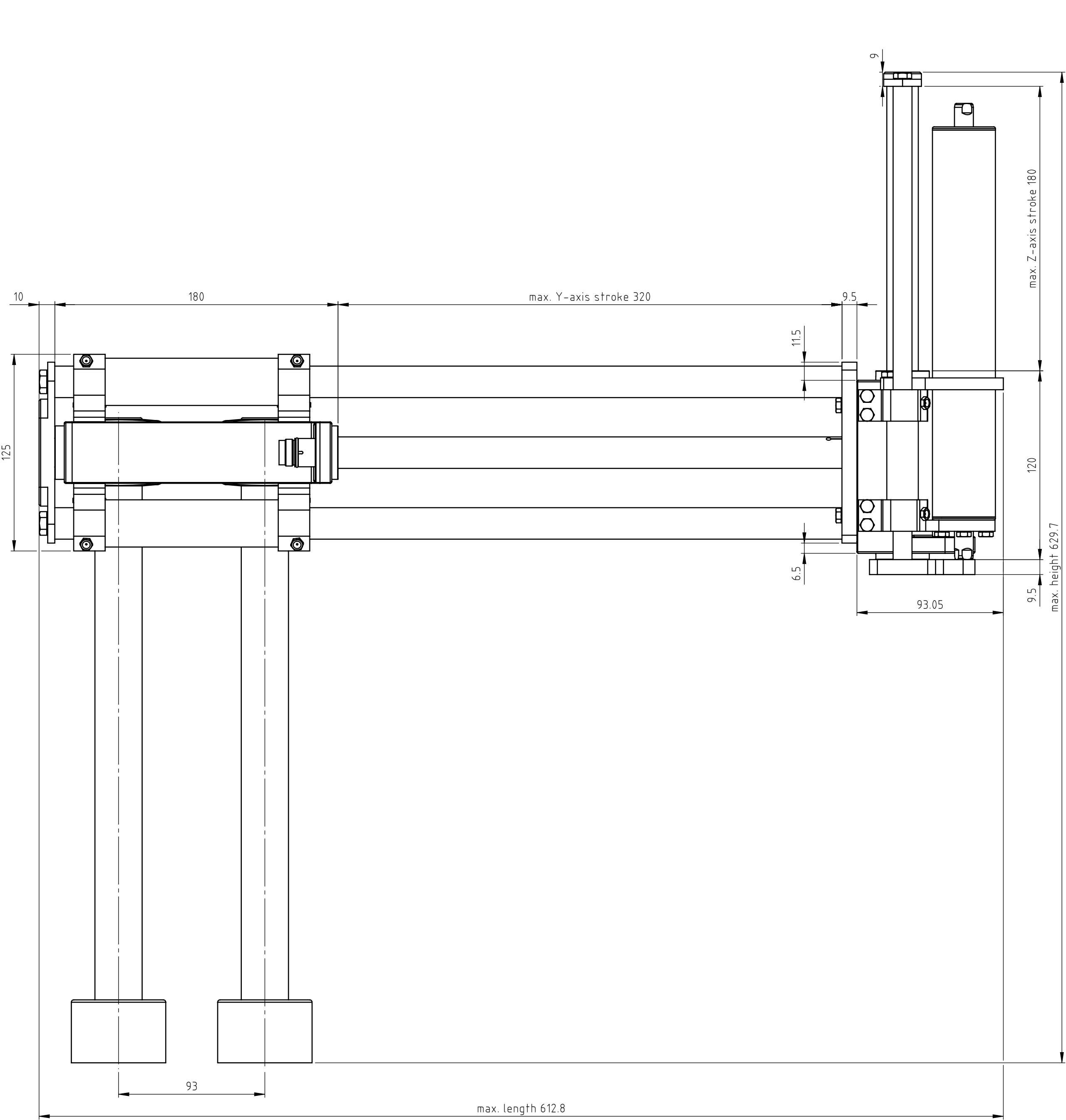


The copyright to this document, which is personally entrusted to the recipient, remains with our company. Without our written permission, the document may not be copied nor reproduced nor communicated or made accessible to third parties without our written permission.



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 0380-0037_PP13_320-37Sx120_180-37Sx60-BE20-MS04_MT12		☐ Safety Rel. ☐ UL-Rel.
NTI AG LinMot & MagSpring Bodenaeckerstrasse 2 CH-8957 Spreitenbach	Title, additional title PP13_320-37Sx120_ 180-37Sx60-BE20-MS04_MT12 Pick&Place / SM01-37Sx120 & SM01-37Sx60	Document type Assembly drawing	Weight (g)
Template type: SW2020 Version: V1-1 SW_A2_hori_Sheet_format_V1-1	Art.No.: 0300-1006	Drawing number / Index 0380-0037A	
Scale 1:2		Sheet 1 / 3	A2

The copyright to this document, which is personally entrusted to the recipient, remains with our company. Without our written permission, the document may not be copied nor reproduced nor communicated or made accessible to third parties without our written permission.



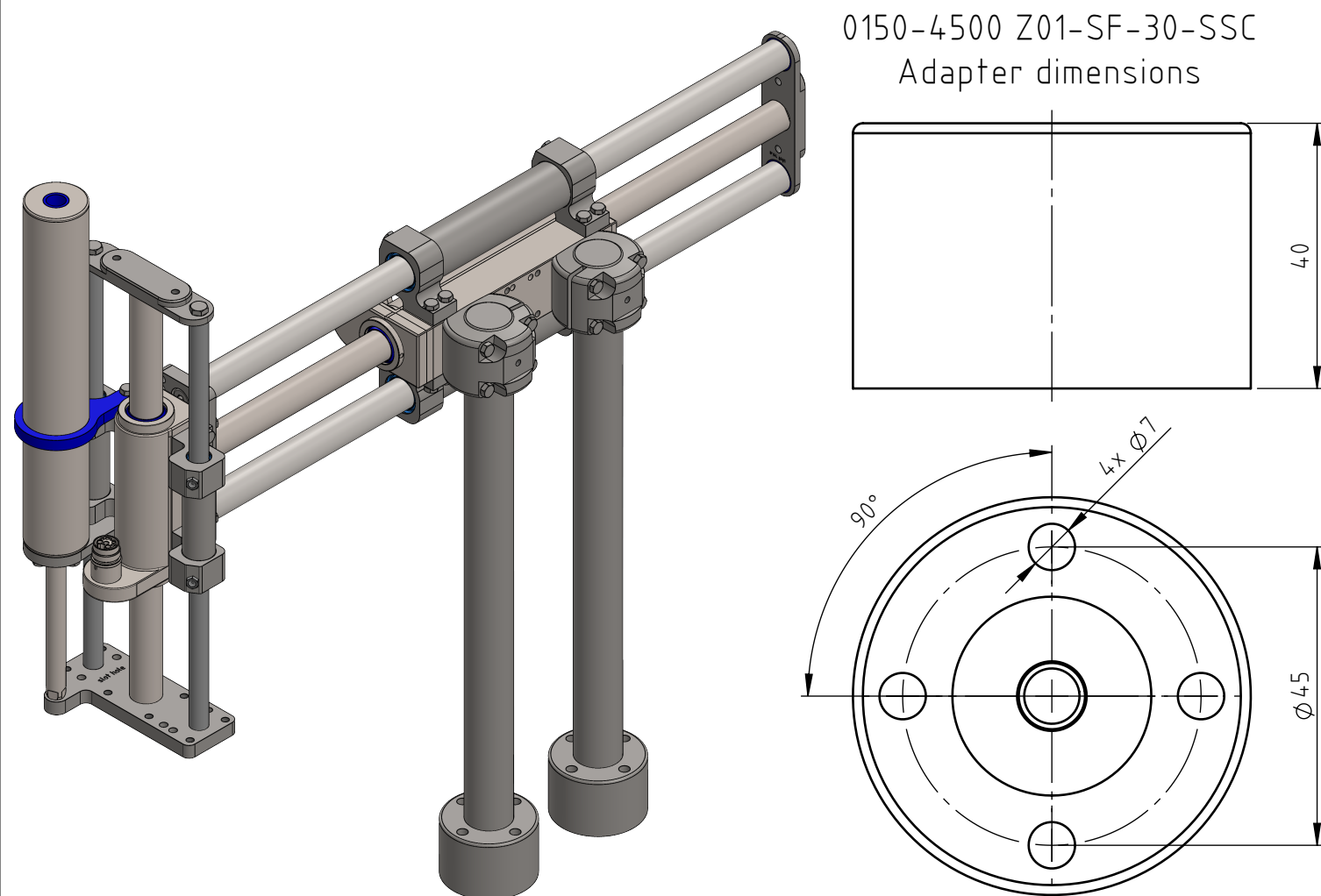
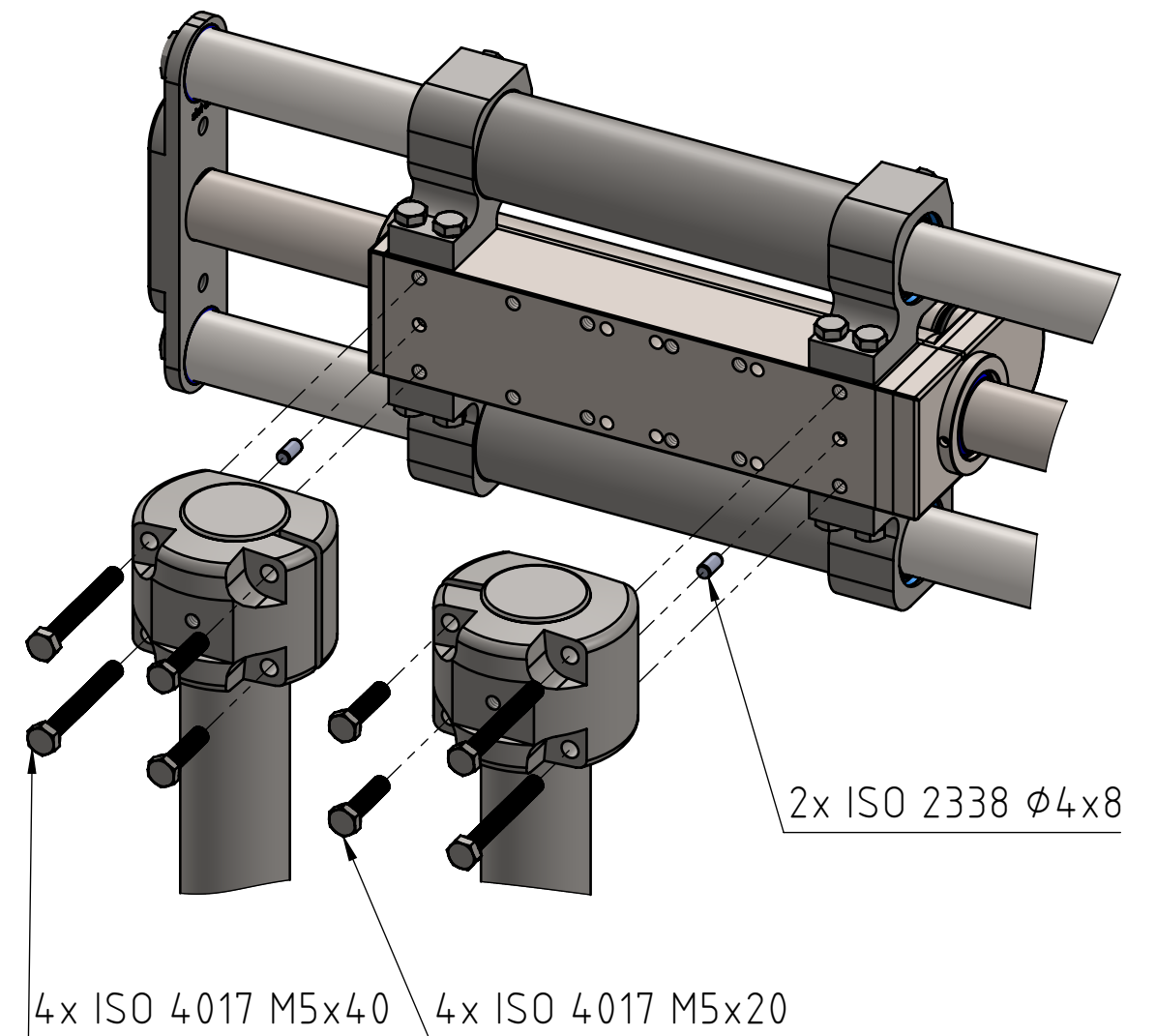
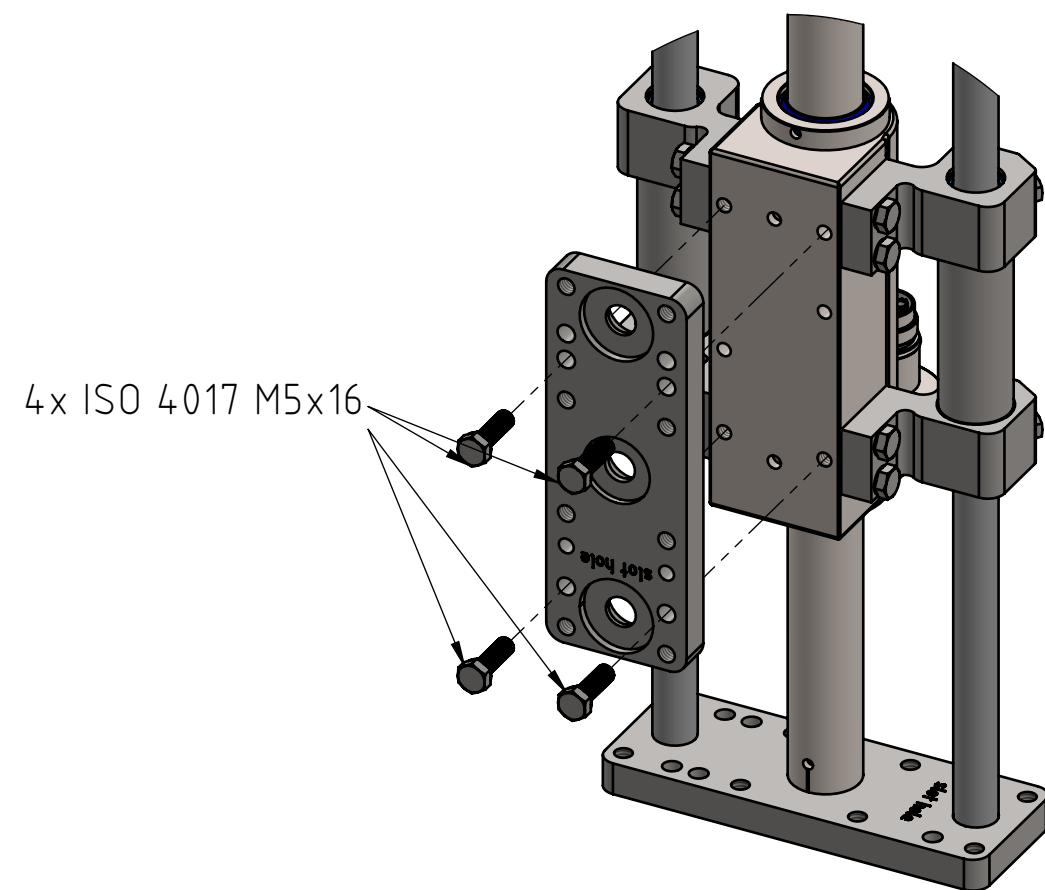
Stage type	PP13_320-37Sx120_180-37Sx60-BE20-MS04_MT12	
Motor type	Horizontal: 0150-4406 SM01-37Sx120F-HP-R-320_SSCP	Vertical: 0150-6711 SM01-37Sx60-XP-R-180_BE20_MS04_SSCP
Stroke	320	180
Max. Force@48VDC [N]	255	128
Max. Force@72VDC [N]	255	128
Position resolution [mm]	0.005	0.005
Repeatability [mm]	±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]	2.973	1.930
Module mass [kg]	5.118	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_320-37Sx120_180-37Sx60-BE20-MS04_MT12	
Motor type	Horizontal: 0150-4406 SM01-37Sx120F-HP-R-320_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®	0380-0037_PP13_320-37Sx120_180-37Sx60-BE20-MS04_MT12		☐ Safety Rel. ☐ UL-Rel.	Weight (g)
NTI AG LinMot & MagSpring Bodenaeckerstrasse 2 CH-8957 Spreitenbach	Title, additional title PP13_320-37Sx120_180-37Sx60-BE20-MS04_MT12		Document type Datasheet	
	Pick&Place / SM01-37Sx120 & SM01-37Sx60 Art.No.: 0300-1006		Drawing number / Index 0380-0037A	
Template type: SW2020 Version: V1-1 SW_A3_hori_Sheet_format_V1-1	Scale 1:4		Sheet 2 / 3	A3

The copyright to this document, which is personally entrusted to the recipient, remains with our company. Without our written permission, the document may not be copied nor reproduced nor communicated or made accessible to third parties without our written permission.



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®	0380-0037_PP13_320-37Sx120_180-37Sx60-BE20-MS04_MT12		☐ Safety Rel.	Weight (g) 18181.45
NTI AG LinMot & MagSpring Bodenaeckerstrasse 2 CH-8957 Spreitenbach	Title, additional title PP13_320-37Sx120_ 180-37Sx60-BE20-MS04_MT12 Pick&Place / SM01-37Sx120 & SM01-37Sx60		Document type Assembly drawing	
	Art.No.: 0300-1006		Drawing number / Index 0380-0037A	
Template type: SW2020 Version: V1-1 SW_A3_hori_Sheet_format_V1-1	Scale 1:2		Sheet 3 / 3	A3