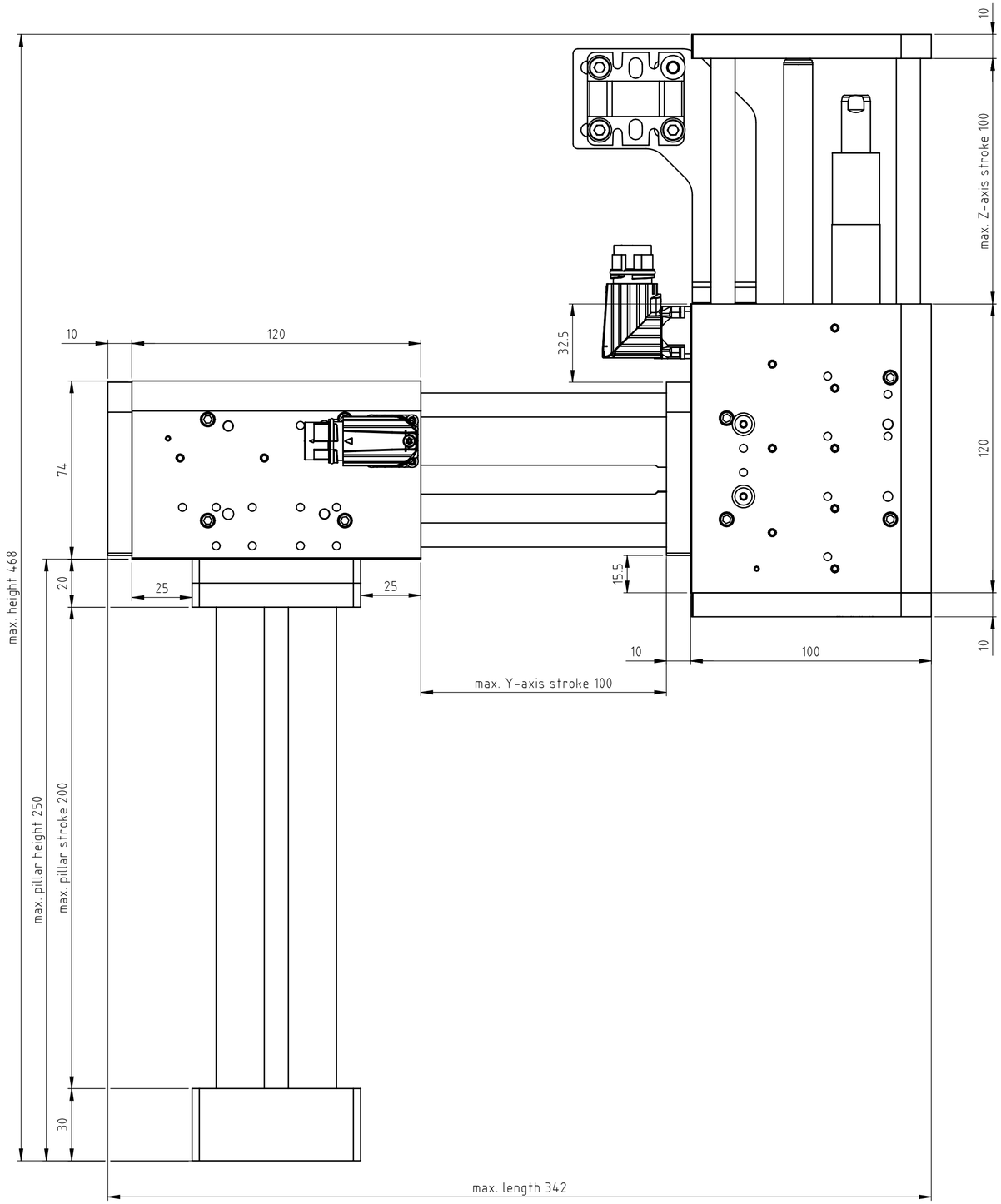
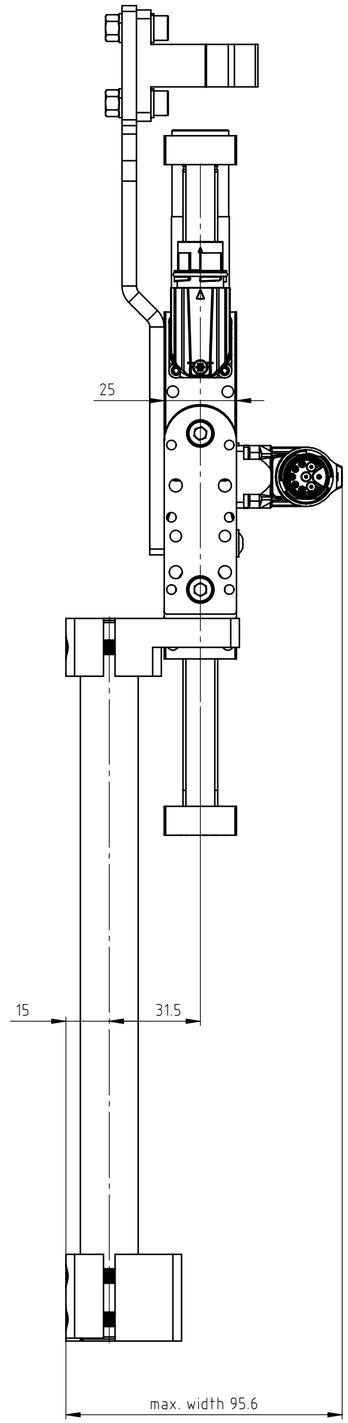
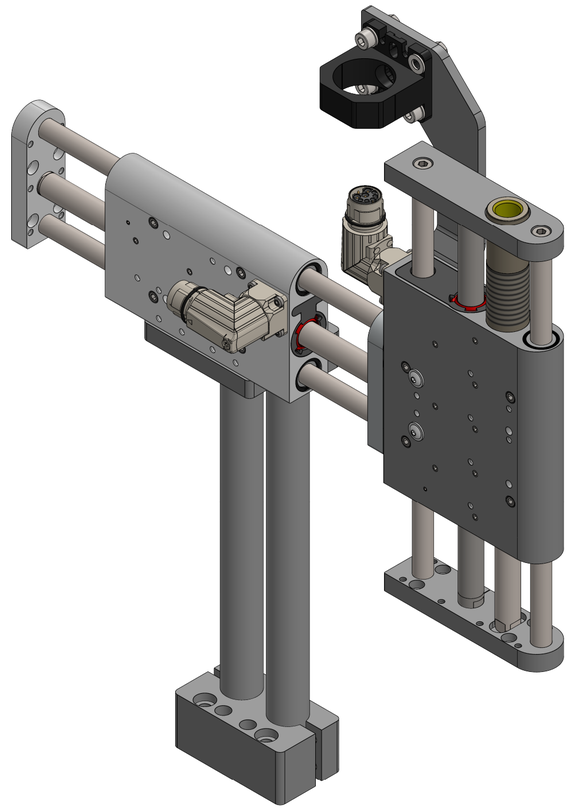
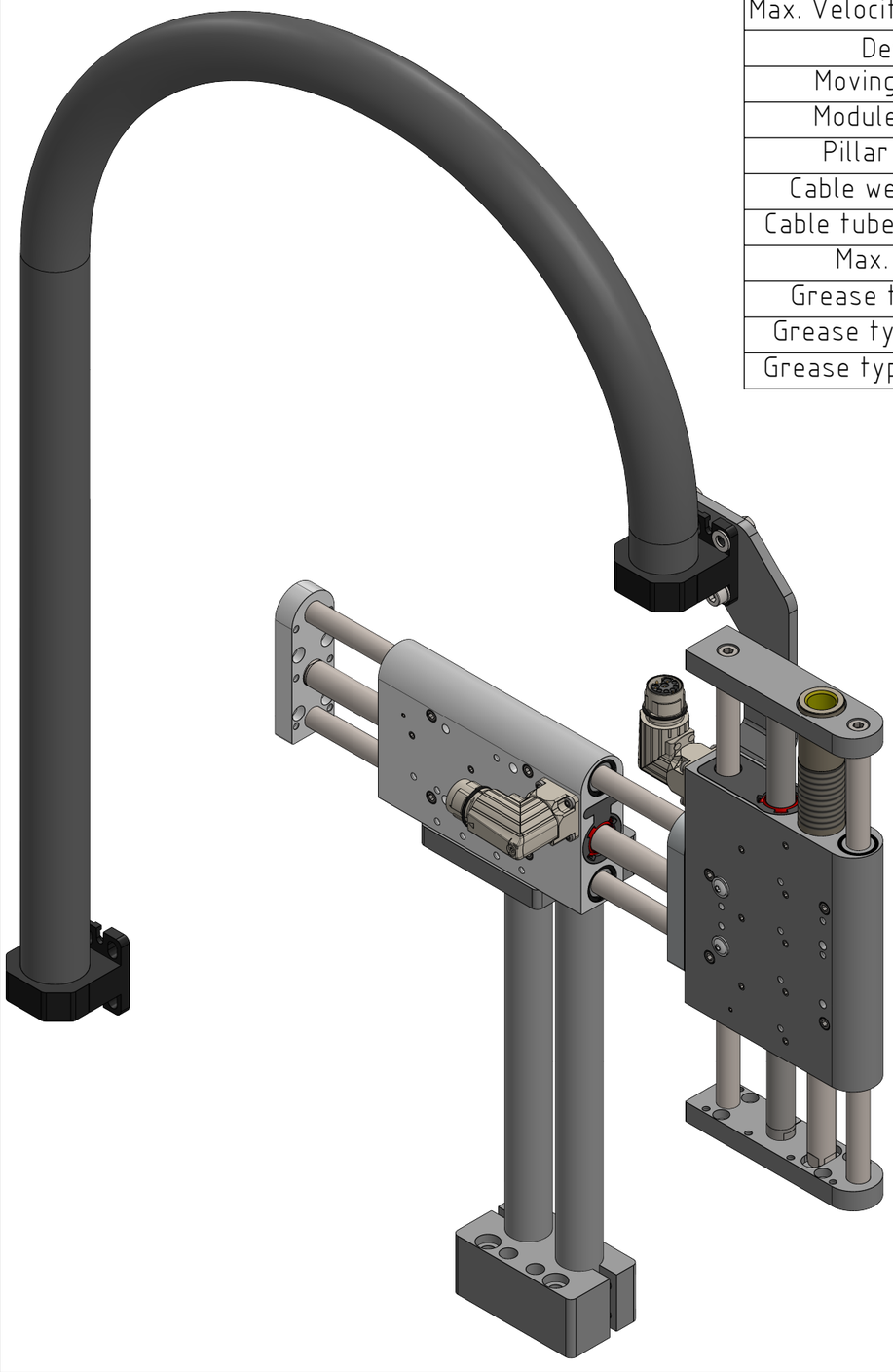






Rev.	Change	Date	Author	Appr.
A	Document created	20.11.2025	JB	FH

General tolerance DIN ISO 2768 - mK	Created by J.-E. Beekhuis	Status 20.11.2025/ jb	Material
LinMot®	File name 0380-0085_PP03_100-23x80F_100-23x80F-MS12_MT01_TC01	☐ Safety Rel. ☐ UL-Rel.	Weight (g)
NTI AG LinMot & MagSpring Bodenaeckerstrasse 2 CH-8957 Spreitenbach	Title, additional title PP03_100-23x80F_ 100-23x80F-MS12_MT01_TC01 Pick&Place / DM01-23 & DM03-23 Art.No.: 0300-0013	Document type Assembly drawing Drawing number / Index 0380-0085A	
Template type: SW2020 Version: V1-1 SW_A2_hori_Sheet_format_V1-1		Scale 2:3	Sheet 1 / 3 A2



Stage type	PP03__100-23x80F__100-23x80F-MS12__MT01__TC01	
Motor type	Horizontal: 0150-4047 DM01-23x80F-HP-R-100	Vertical: 0150-6025 DM03-23x80F-XP-R-100__CS10__MS12
Stroke	100	100
Max. Force@48VDC [N]	67.1	73
Max. Force@72VDC [N]	67.1	73
Position resolution [mm]	0.002	0.002
Repeatability [mm]	±0.05	±0.05
Max. acceleration [m/s2]	< 50	< 50
Max. Velocity@48VDC [m/s]	4.9	4.9
Max. Velocity@72VDC [m/s]	7.3	7.3
Deviation	see datasheet	see datasheet
Moving mass [kg]	0.540	0.730
Module mass [kg]	1.120	1.620
Pillar mass [kg]	1.530	
Cable weight [kg/km]	83.0	
Cable tube weight [kg/m]	0.084	
Max. payload	see datasheet	
Grease type - Motor	0150-1954 / 0150-1955 LU02	
Grease type - Bearings	0260-0061 SKF LGFP 2	
Grease type - MagSpring	0150-1954 / 0150-1955 LU02	

Accessories		
Stage type	PP03__100-23x80F__100-23x80F-MS12__MT01__TC01	
Motor type	Horizontal: 0150-4047 DM01-23x80F-HP-R-100	Vertical: 0150-6025 DM03-23x80F-XP-R-100__CS10__MS12
Safety	Not available	Not available
Clean room	Available: not chosen	Not available
External sensor	Not available	Not available
Cover	Not available	Not available
Cable guide	Chosen: 0150-6704 PP03__TC01	
Pillar system	Chosen: 0150-6829 PP03__MT01	
Force sensor	Not available	Available: not chosen
Fan Kit	Not available	Not available

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General tolerance
DIN ISO 2768 - mK

Created by
J.-E. Beekhuis

Status
20.11.2025/ jb

Material

LinMot®

0380-0085_PP03__100-23x80F__100-23x80F-MS12__MT01__TC01

☐ Safety Rel.
☐ UL-Rel.

Weight (g)

NTI AG LinMot & MagSpring
Bodenaeckerstrasse 2
CH-8957 Spreitenbach

Template type: SW2020
Version: V1-1
SW__A3_hori__Sheet__format__V1-1

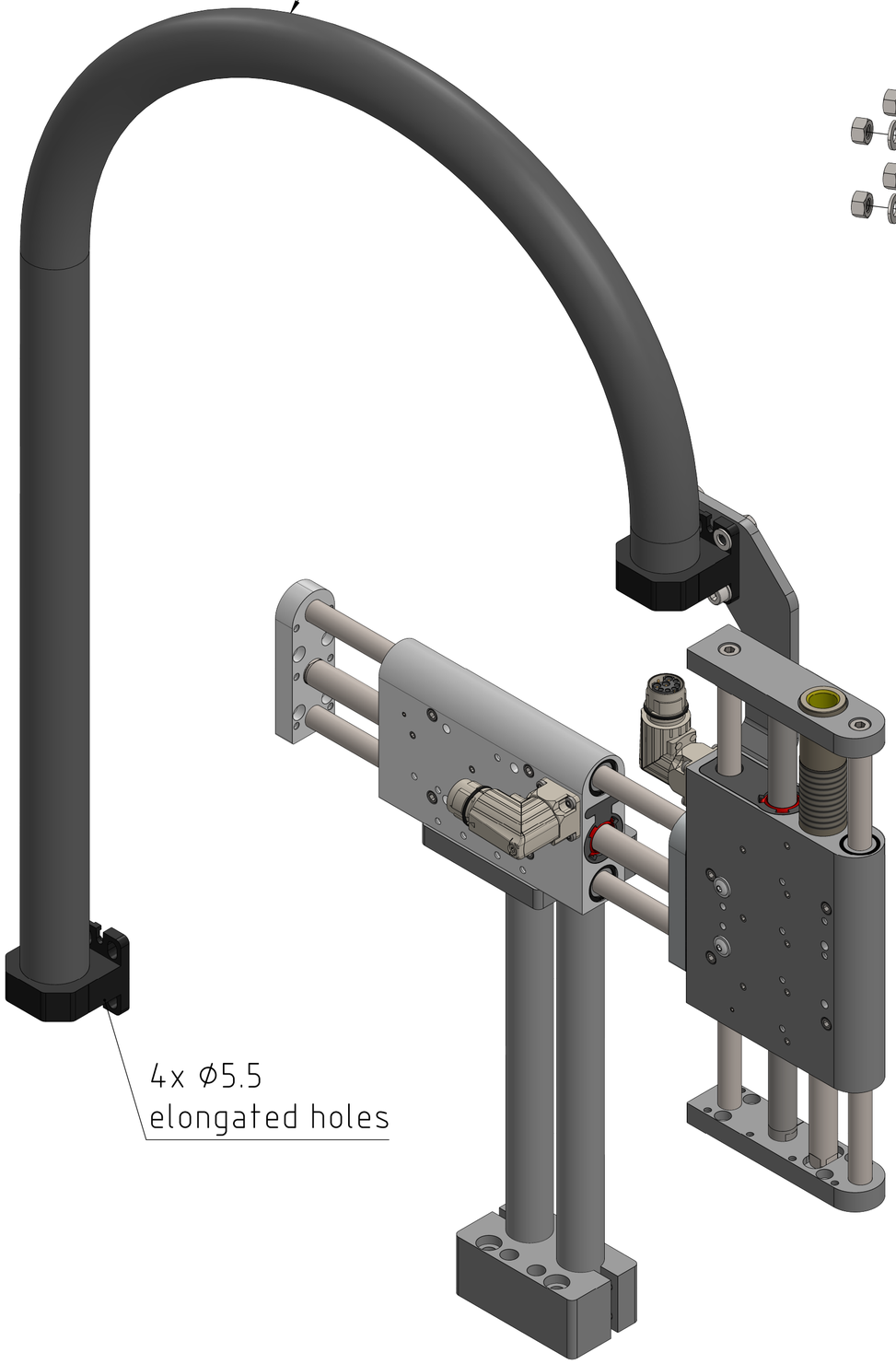
Title, additional title
PP03__100-23x80F__
100-23x80F-MS12__MT01__TC01
Pick&Place / DM01-23 & DM03-23
Art.No.: 0300-0013

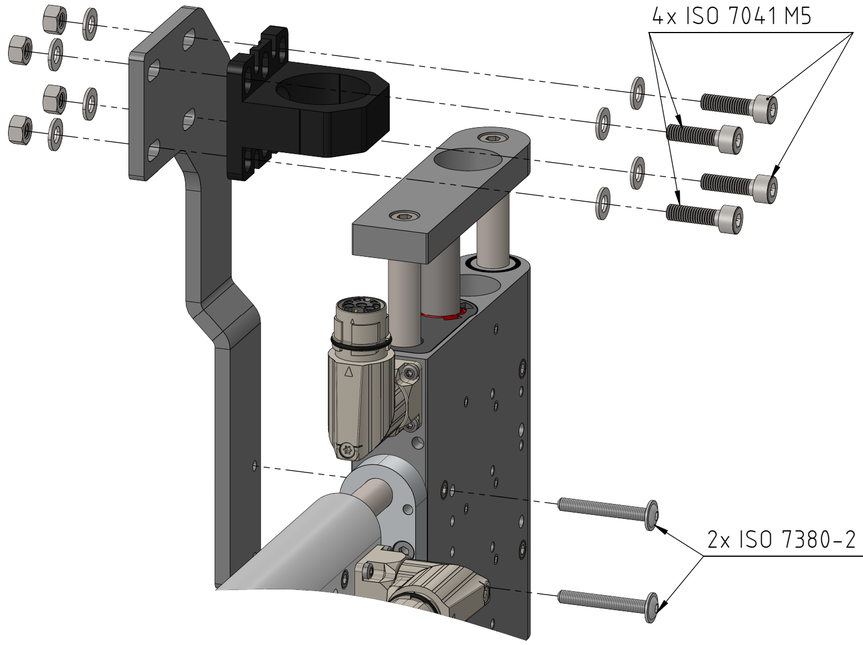
Document type
Assembly drawing

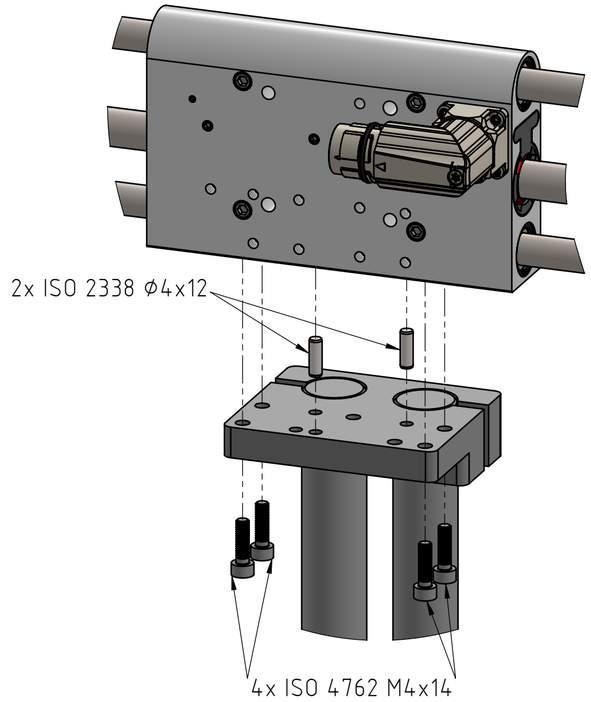
Drawing number / Index
0380-0085A

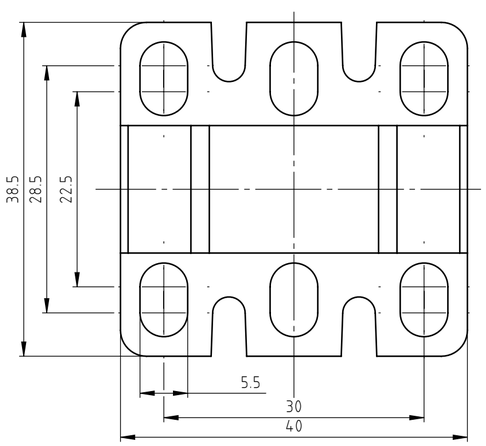
Scale 2:5 | Sheet 2 / 3 | A3

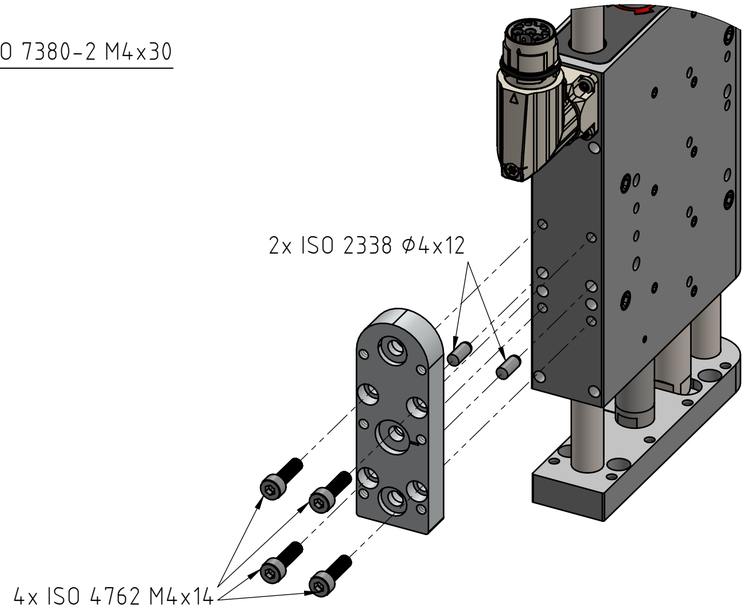
TC01: 1 m cable tube
45mm minimum bending radius, static











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General tolerance DIN ISO 2768 - mK	Created by J.-E. Beekhuis	Status 20.11.2025/jb	Material
LinMot®	File name 0380-0085_PP03__100-23x80F__100-23x80F-MS12__MT01__TC01	☐ Safety Rel. ☐ UL-Rel.	Weight (g)
NTI AG LinMot & MagSpring Bodenaeckerstrasse 2 CH-8957 Spreitenbach	Title, additional title PP03__100-23x80F__ 100-23x80F-MS12__MT01__TC01 Pick&Place / DM01-23 & DM03-23 Art.No.: 0300-0013	Document type Assembly drawing Drawing number / Index 0380-0085A	
Template type: SW2020 Version: V1-1 SW__A2__hori__Sheet__format__V1-1		Scale 3:5	Sheet 3 / 3 A2