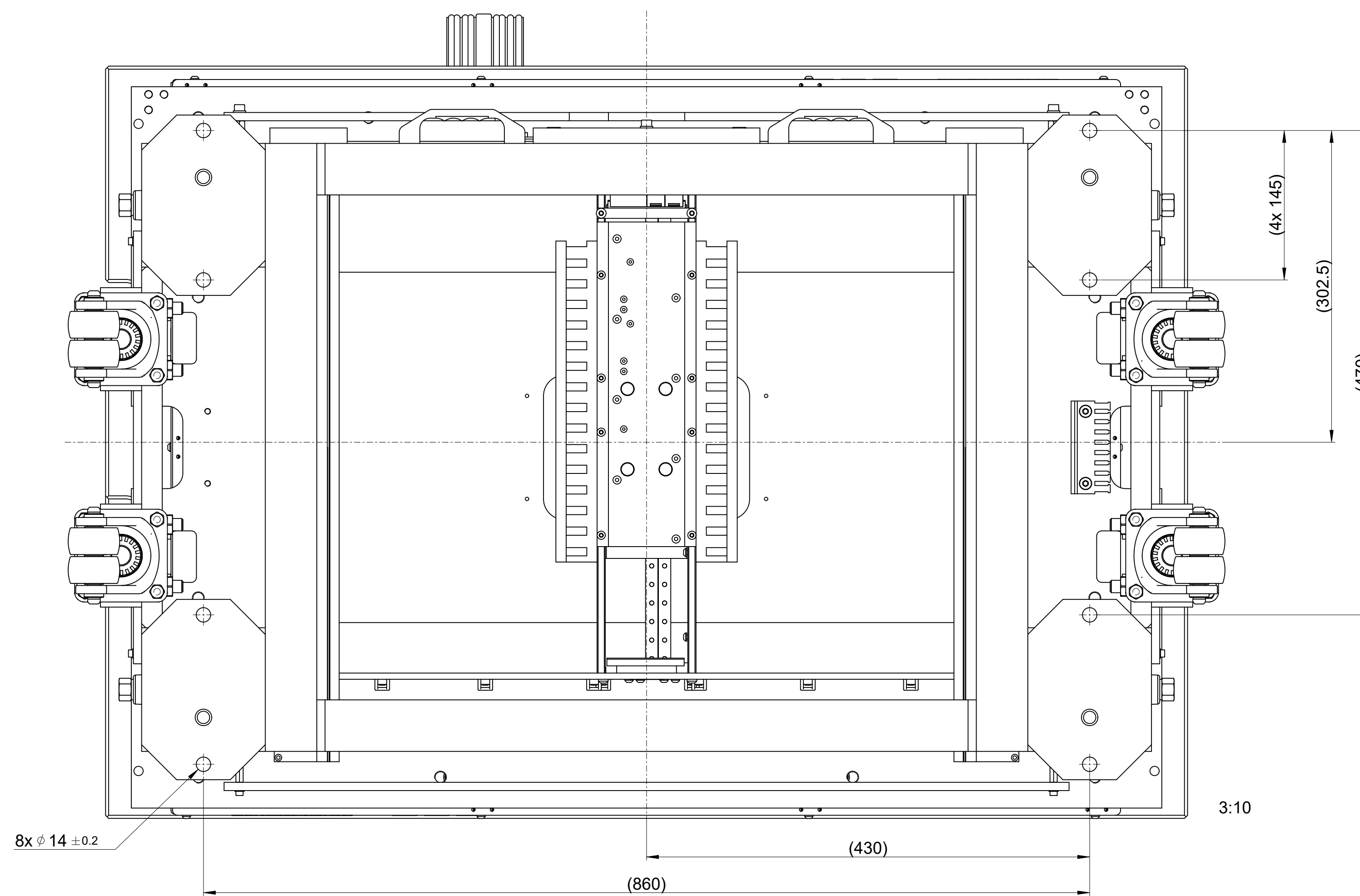
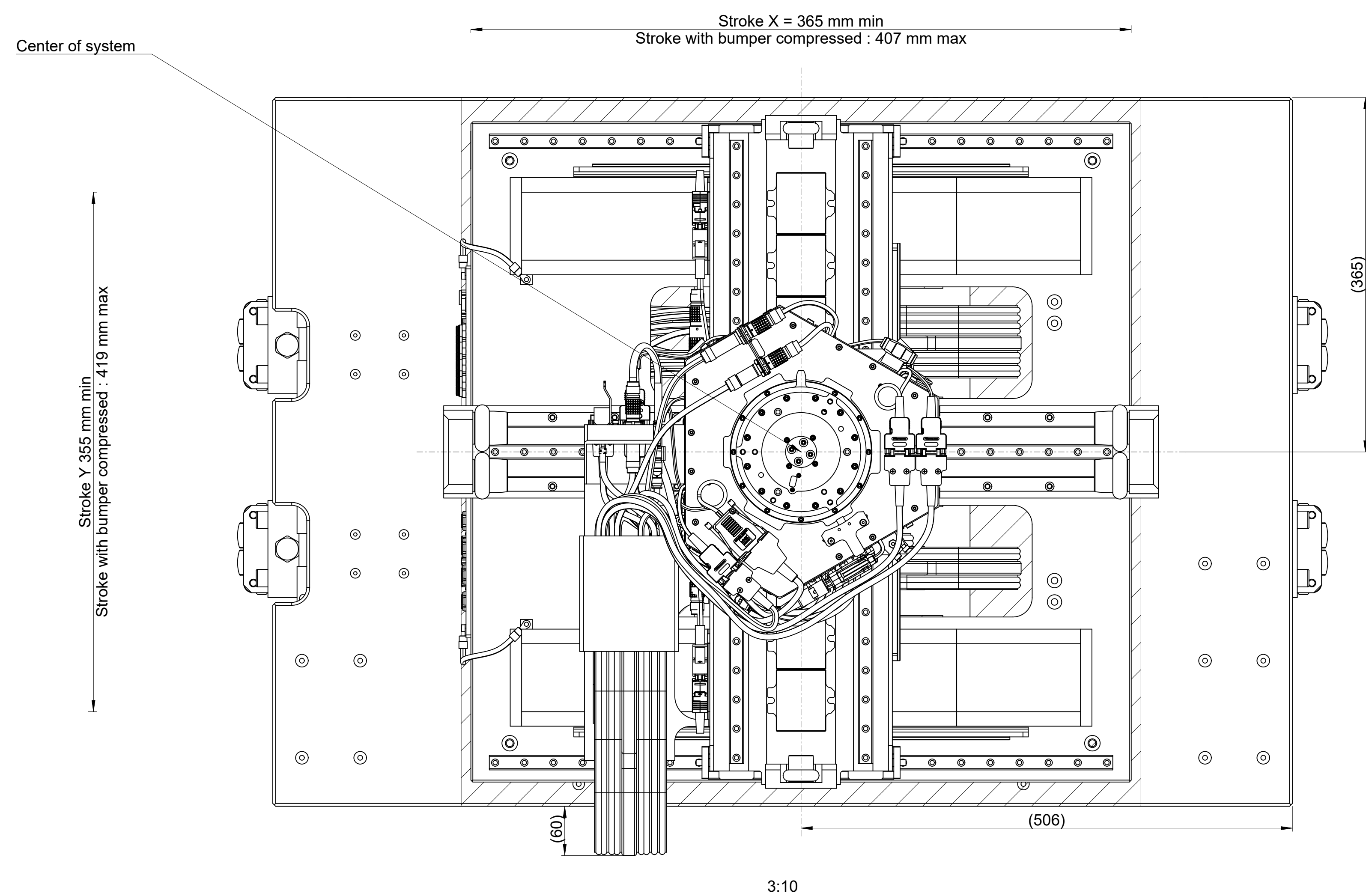


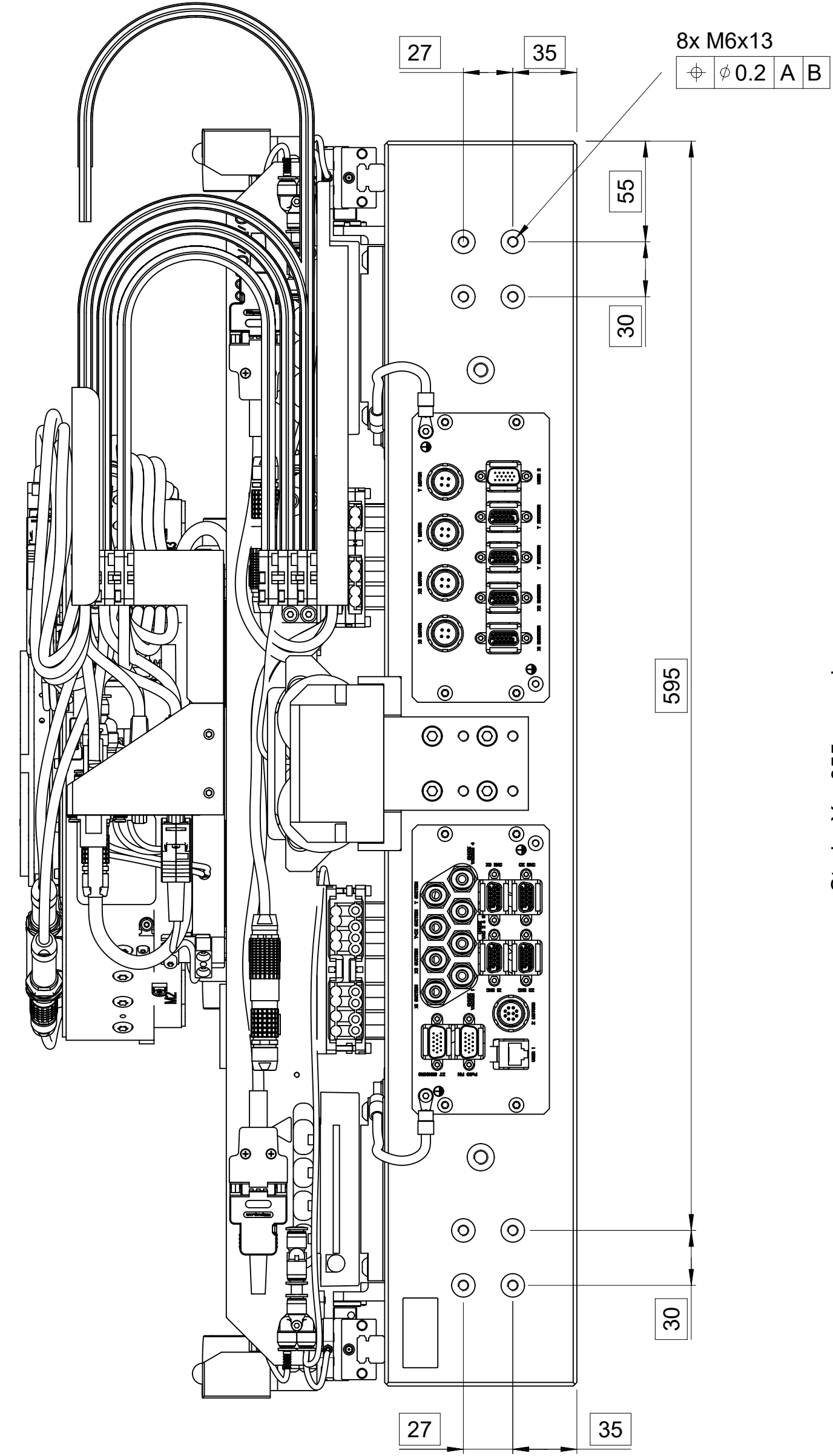
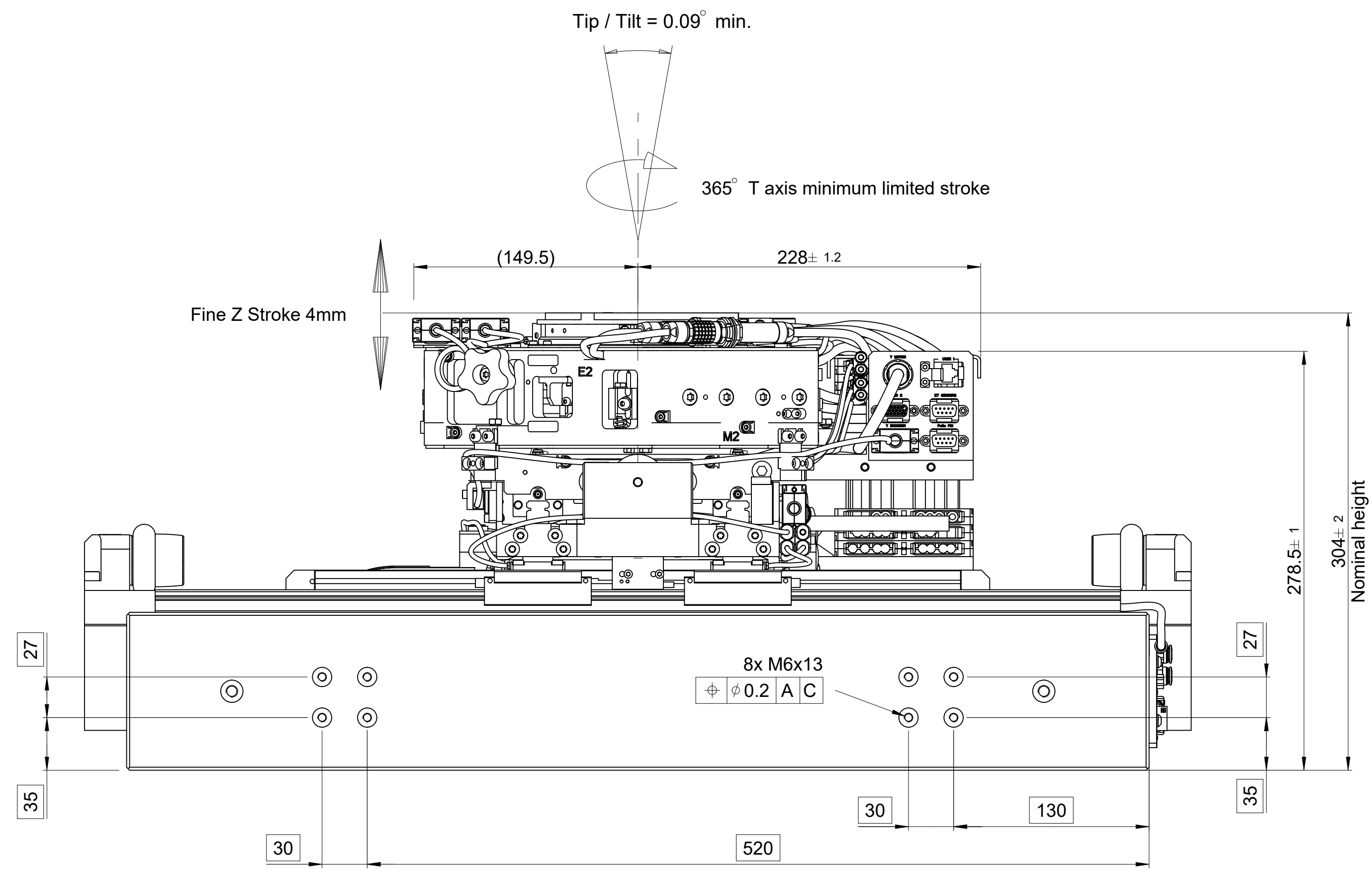
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Technical approval
Signature _____
Date _____

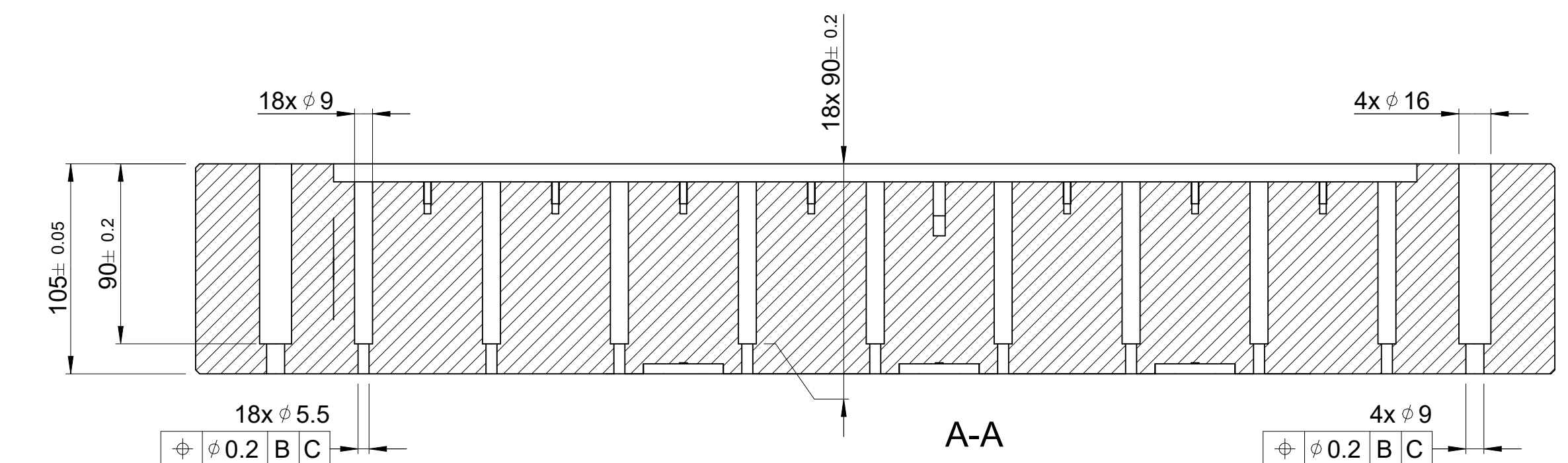
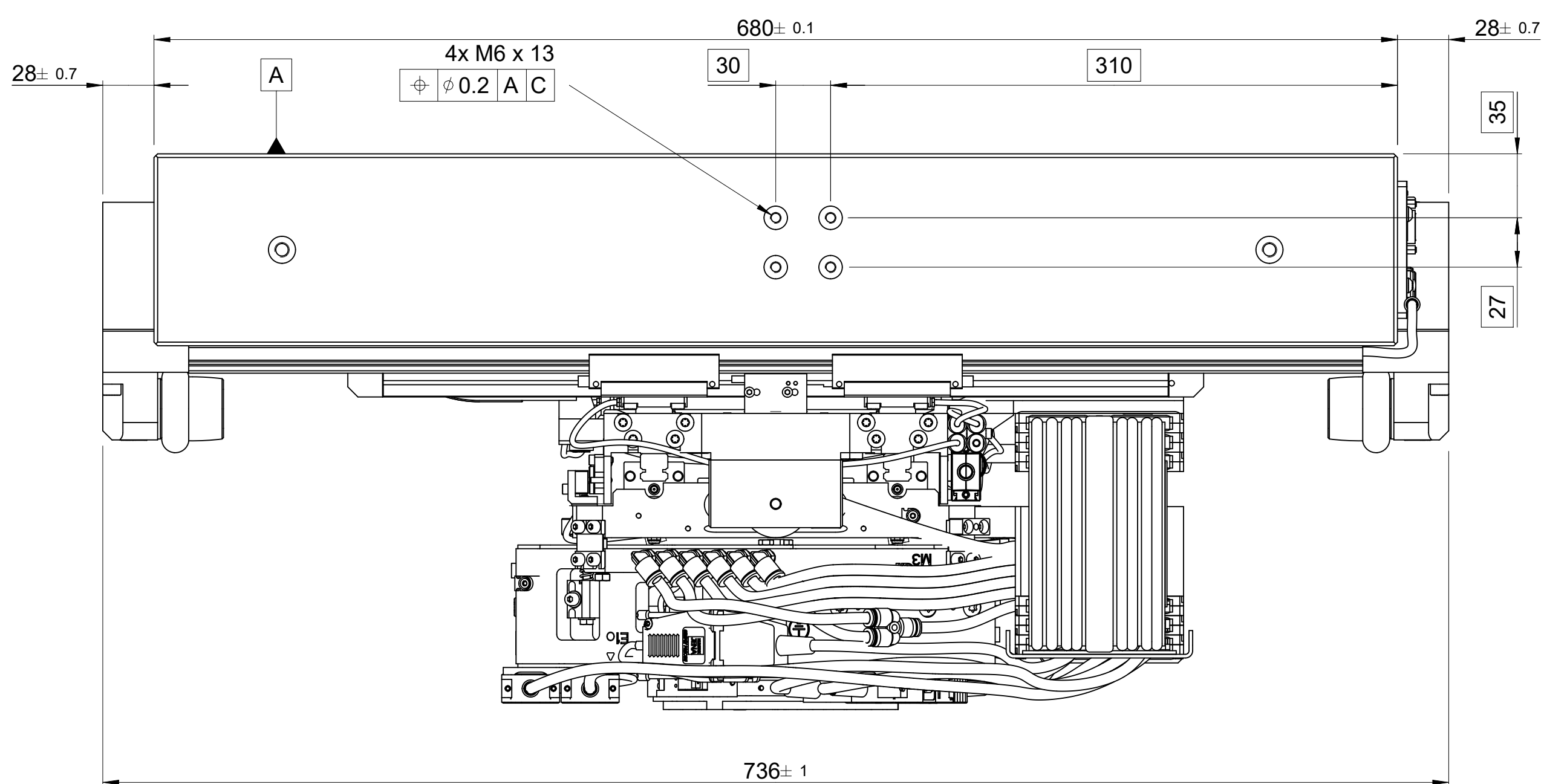
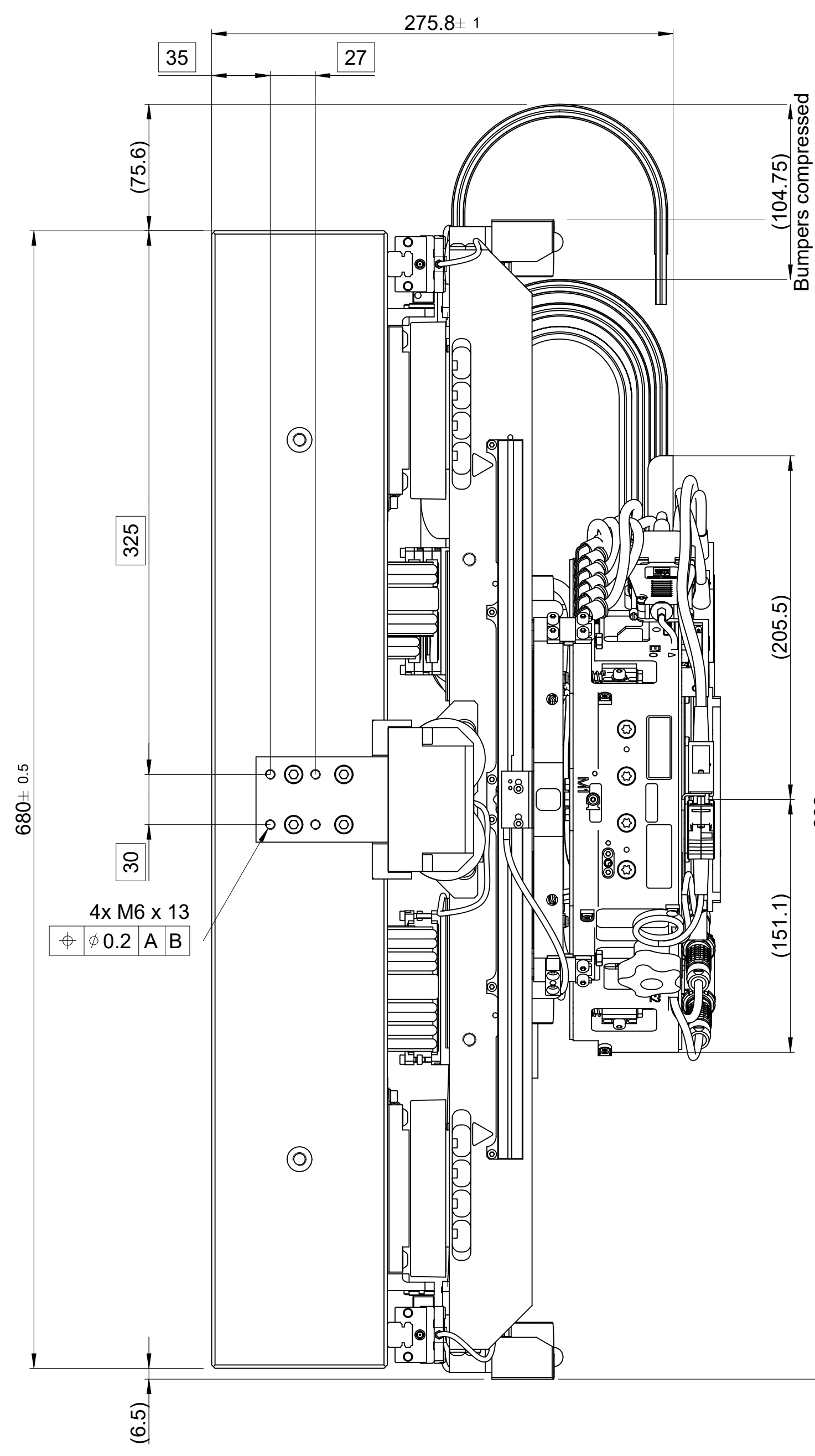
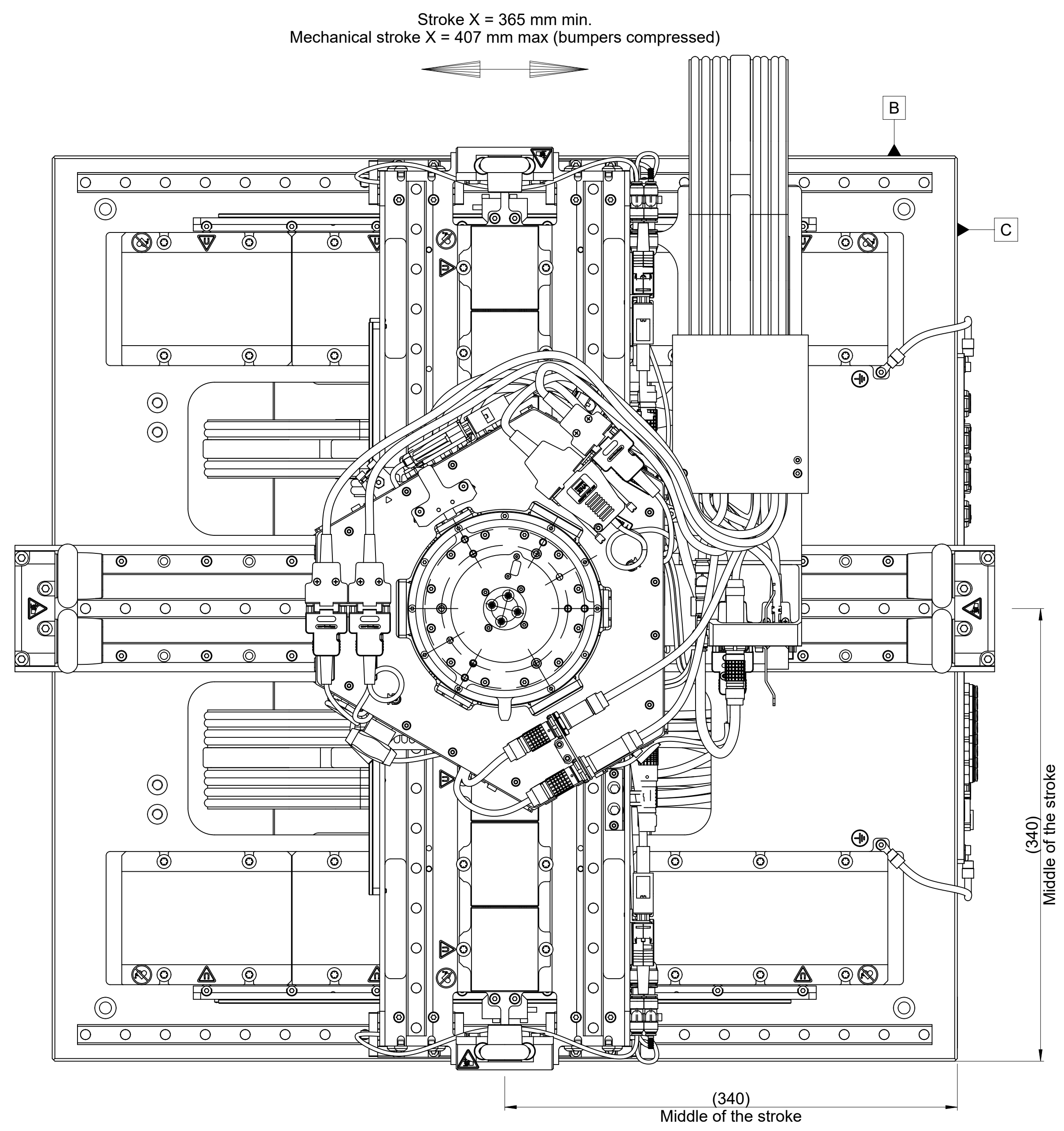


Note: ETEL recommends to keep a clearance relative to the motion system's footprint of 60mm for accessibility and servicing purpose, the minimum acceptable clearance being 20mm

Text		ID number	
Original drawing	Scale	Format	Change No.
RoHS	1:1	A0	Revised:
NAM Interface drawing		Material:	
Material:		Master:	
Dimensions in mm / Cotes en mm		General tolerances ISO 2768-MS	
Surfaces as per ISO 1302:2002		Tolerances par ISO 2768-MS	
Surfaces de finition selon ISO 1302:2002		Tolerances selon ISO 2768-MS	
Surface treatment:		Tolerances par ISO 8015:2011	
Treatment de surface:		Tolerances selon ISO 8015:2011	
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Stroke Y = 355 mm min.
Mechanical stroke Y = 419 mm max (bumpers compressed)

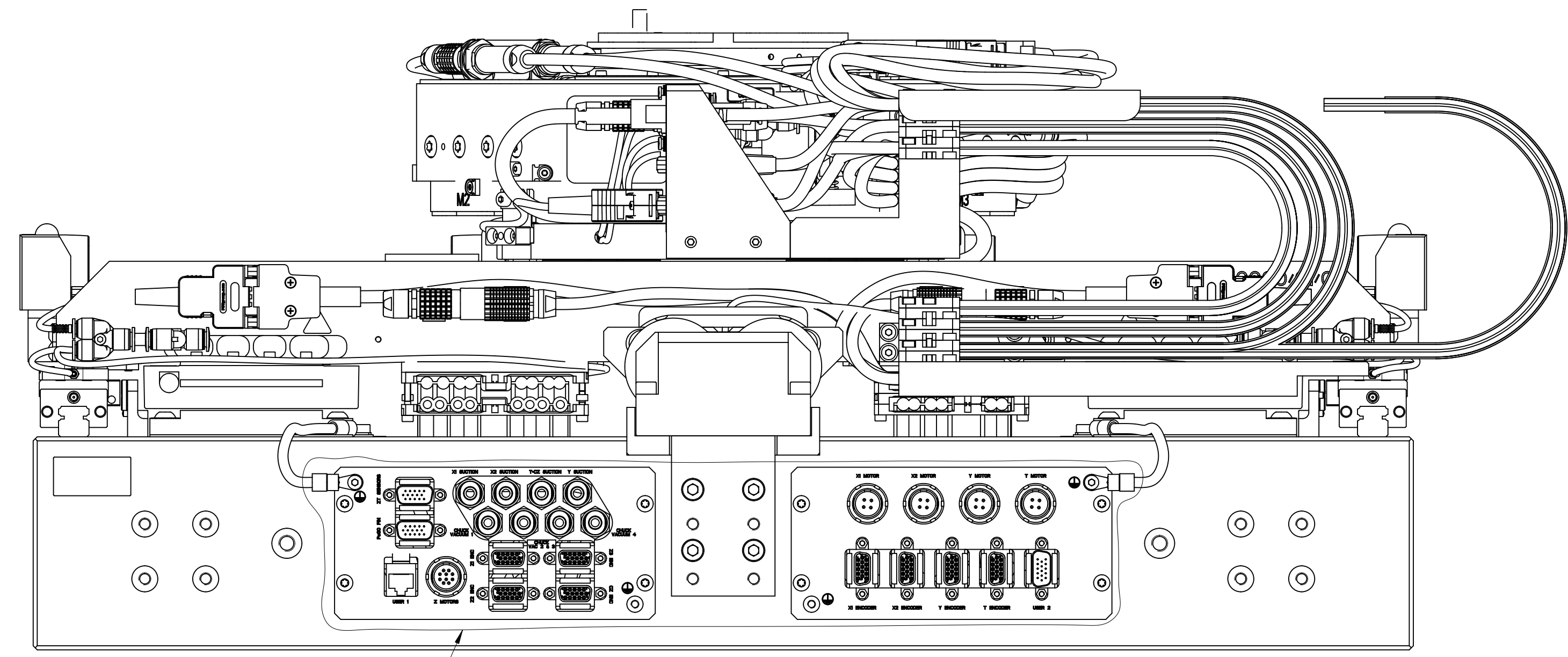


Options table	
Theta limited stroke	365°
Wobble adjustment kit	No
Vacuum kit	No vacuum 2
Forks kit	Integrated
(PoGo pin) Connector rotative kit	No

It is required to assemble Vulcano 2 Stages on a granite or equivalent flat surface with a flatness inferior or equal to 5 microns

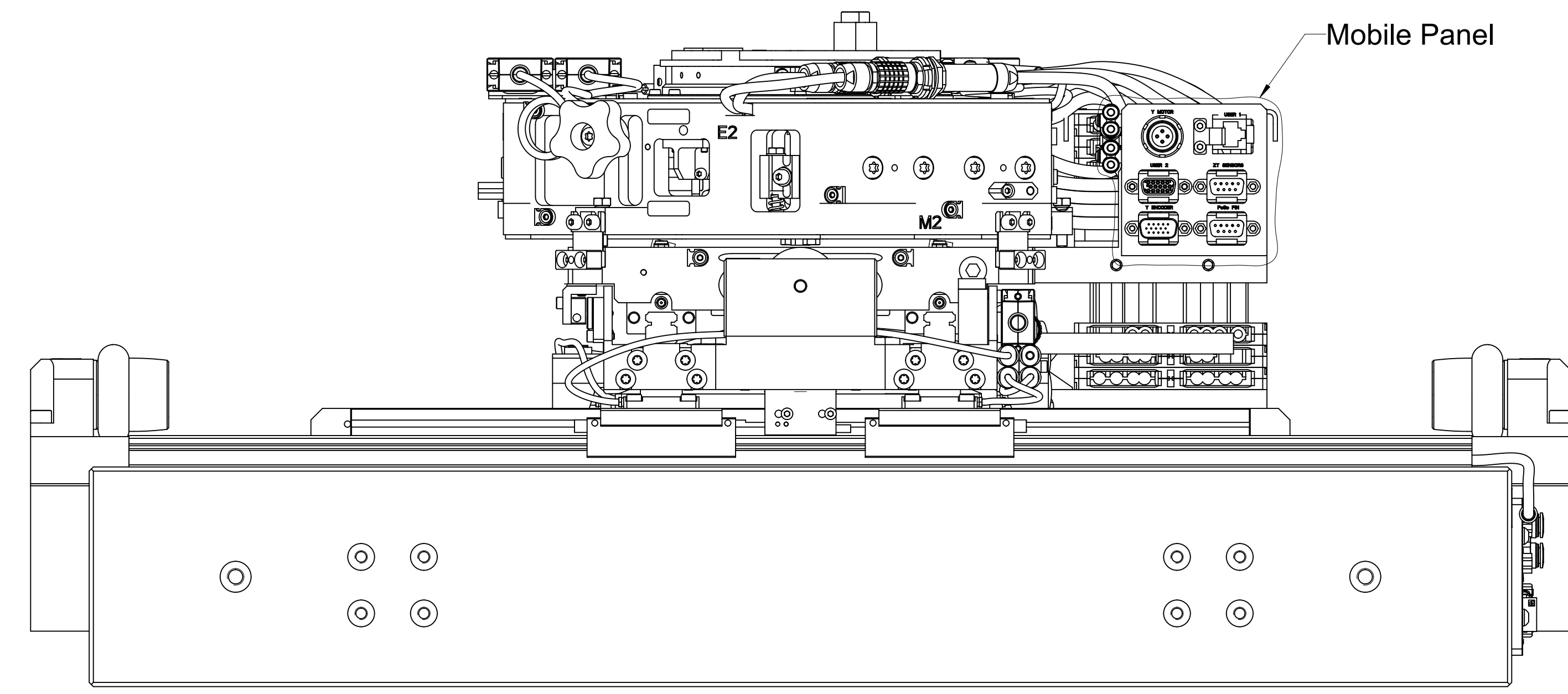
ETEL recommends to keep a clearance relative to the motion system's footprint of 60 mm for accessibility and servicing purpose, the minimum acceptable clearance being 20 mm.

1379598-01		ID number
Text		Change No. C137186-01
Original drawing	ASME-NNNN-08-0365-0355xx-XYZ3T STACKED S	Revised:
Scale	2:5	Material:
Format	A0	Materie:
RoHS		
ASME-NNNN-08-0365-0355xx-XYZ3T STACKED S		
Dimensions in mm / Cotes en mm		
Workpiece edges ISO 13715	General tolerances ISO 2768-mK	Surface as per ISO 1302
Arêtes de formes selon ISO 13715	Tolérances générales ISO 2768-mK	États de surface selon ISO 1302
±0.3	±0.3	Surface treatment /
±0.3	±0.3	Traitement de surface
Tolerances as per ISO 8015 : 2011		
Surface treatment /		
Tolérances selon ISO 8015 : 2011		
États de surface selon ISO 1302		
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ETEL S.A. 2112 Möhles SWITZERLAND		Version (Revision/Sheet) Page
1379598-00-A-01		Document number



Front panel

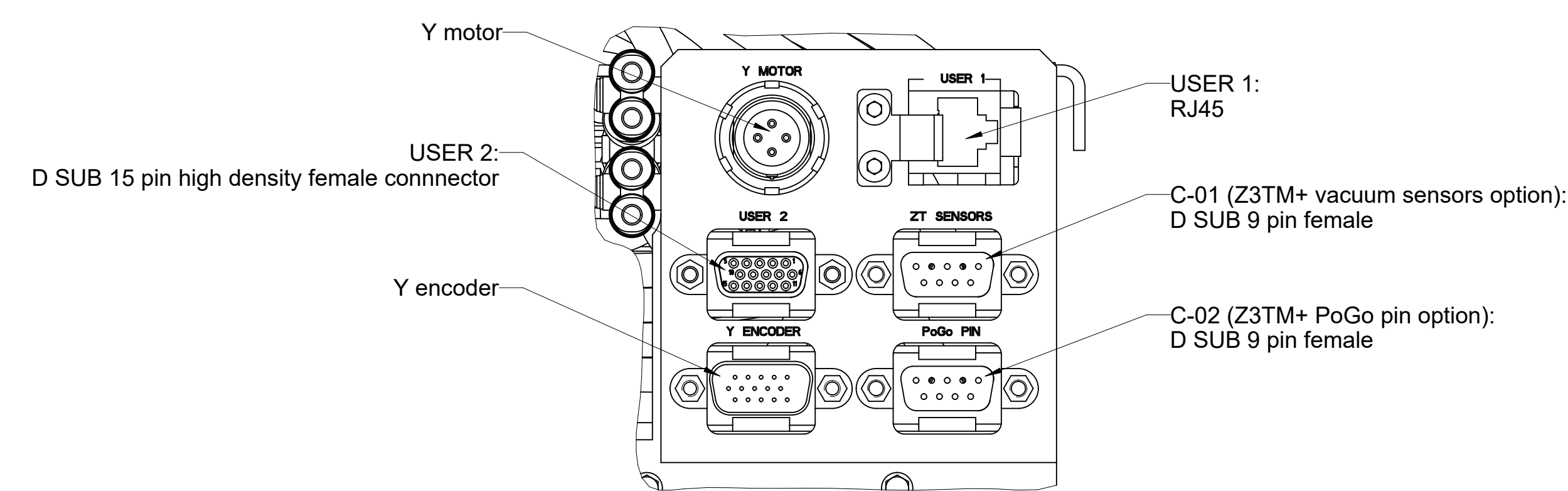
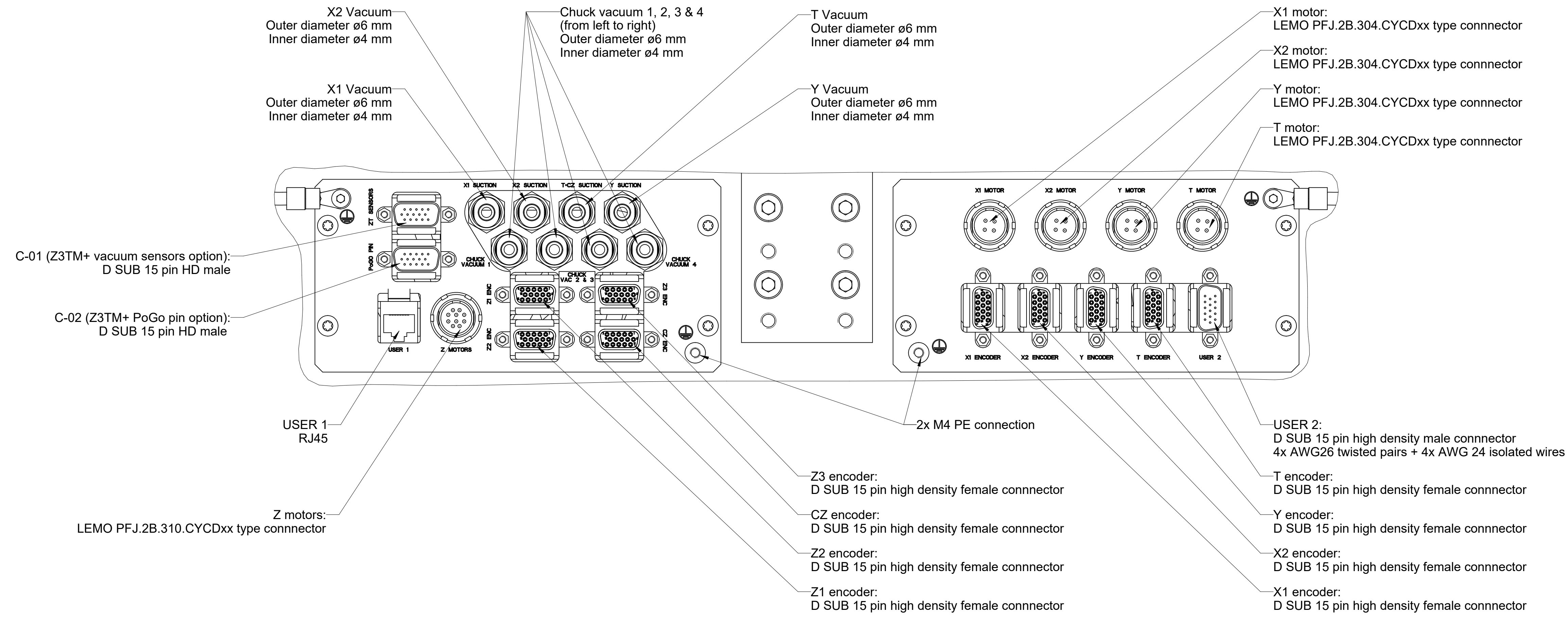
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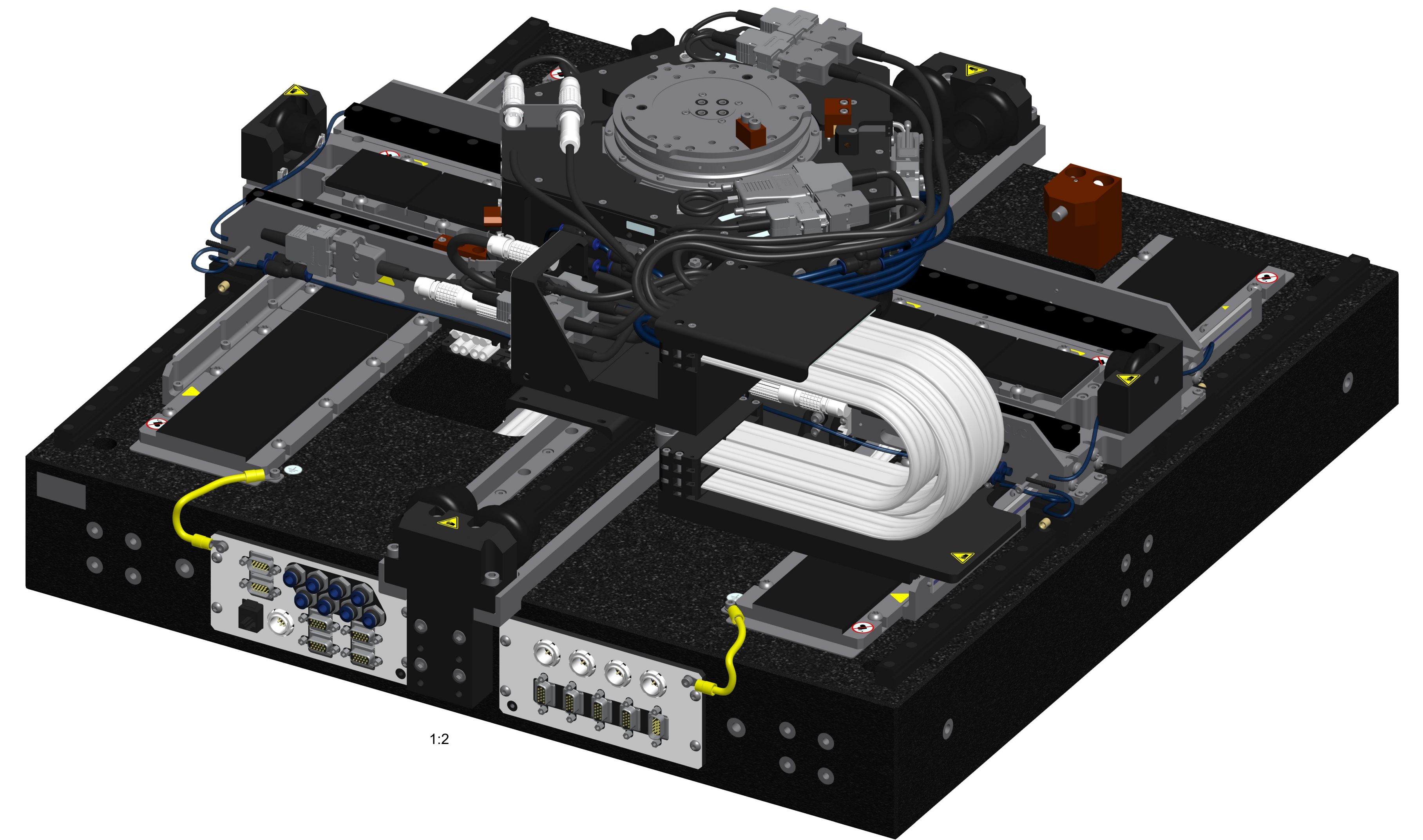
Mobile Panel

1:2

Front panel
1:1

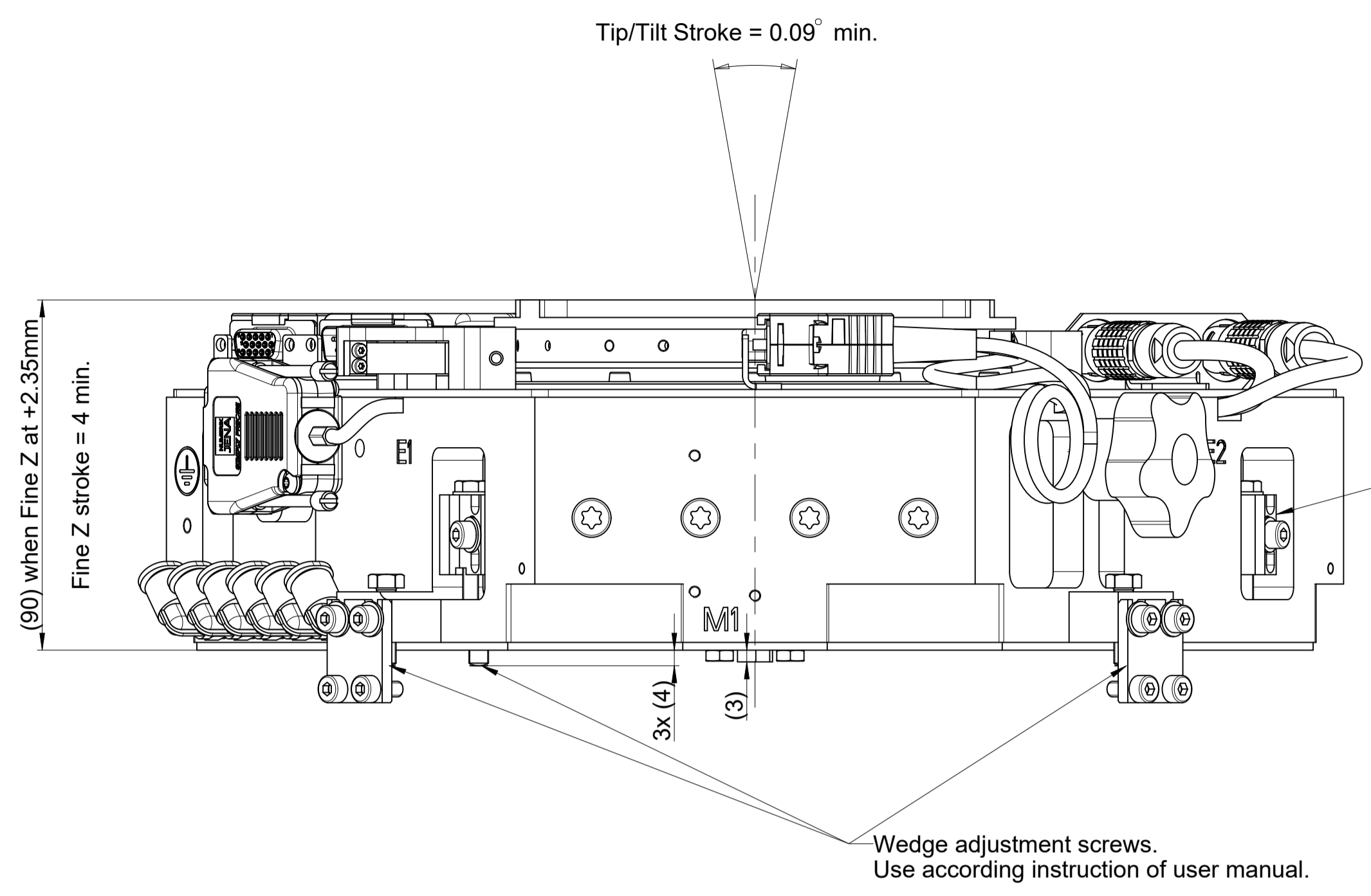


Mobile Panel
6:5



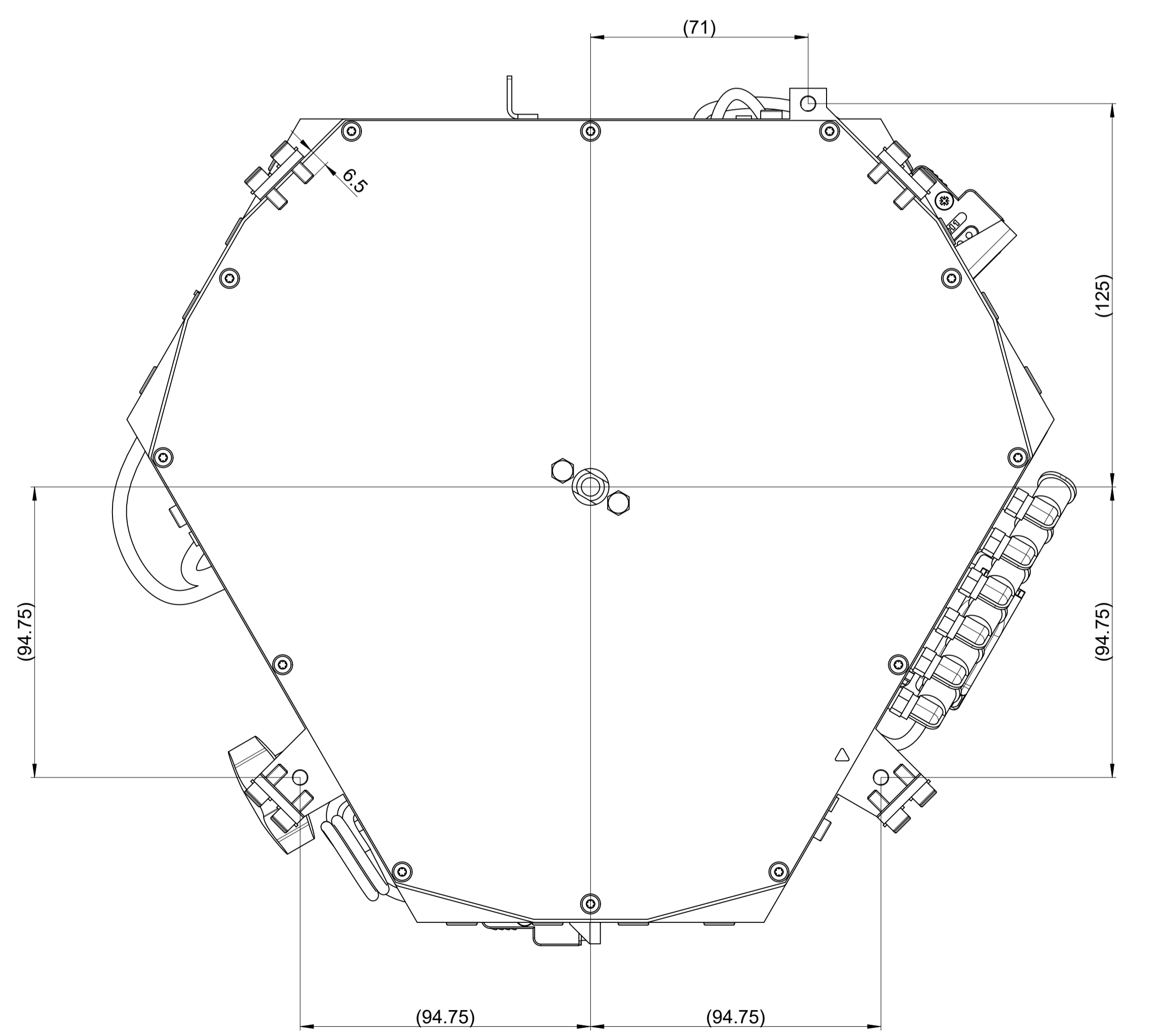
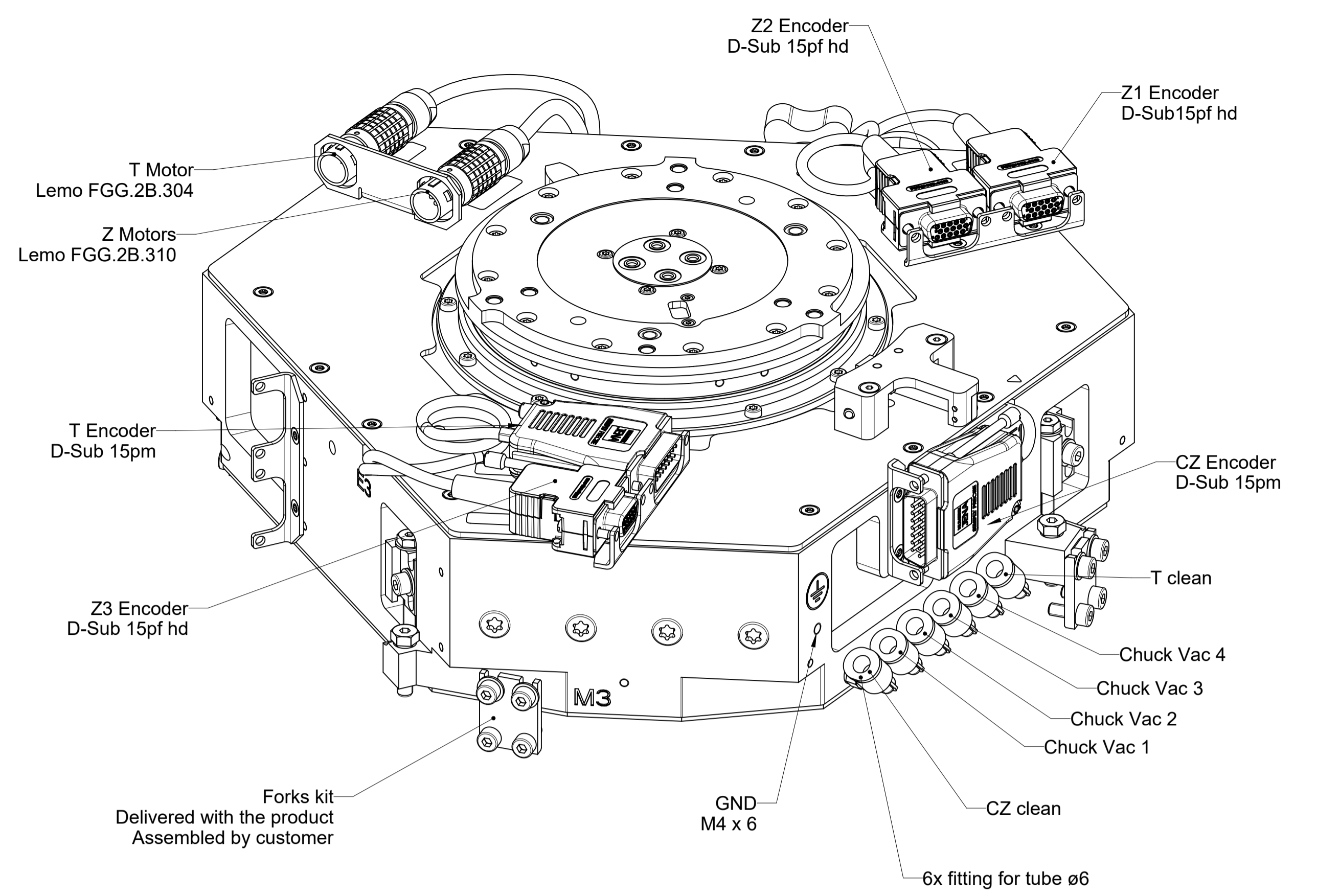
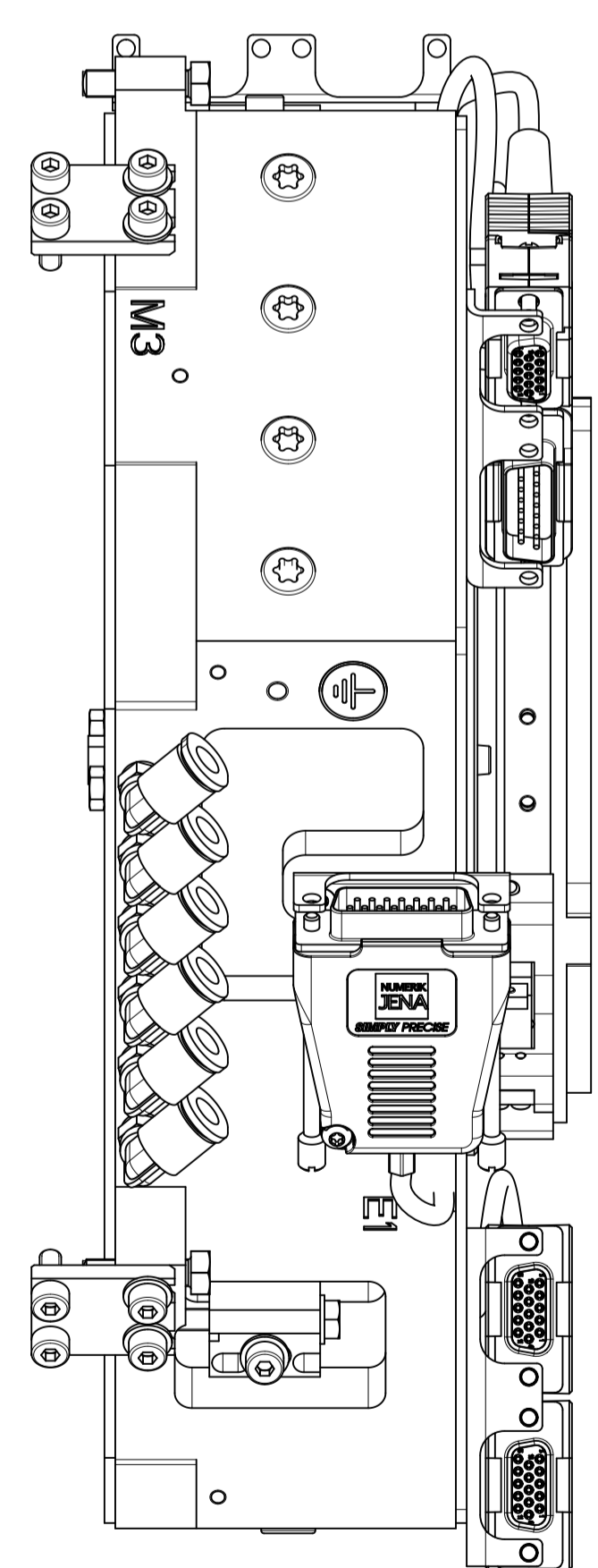
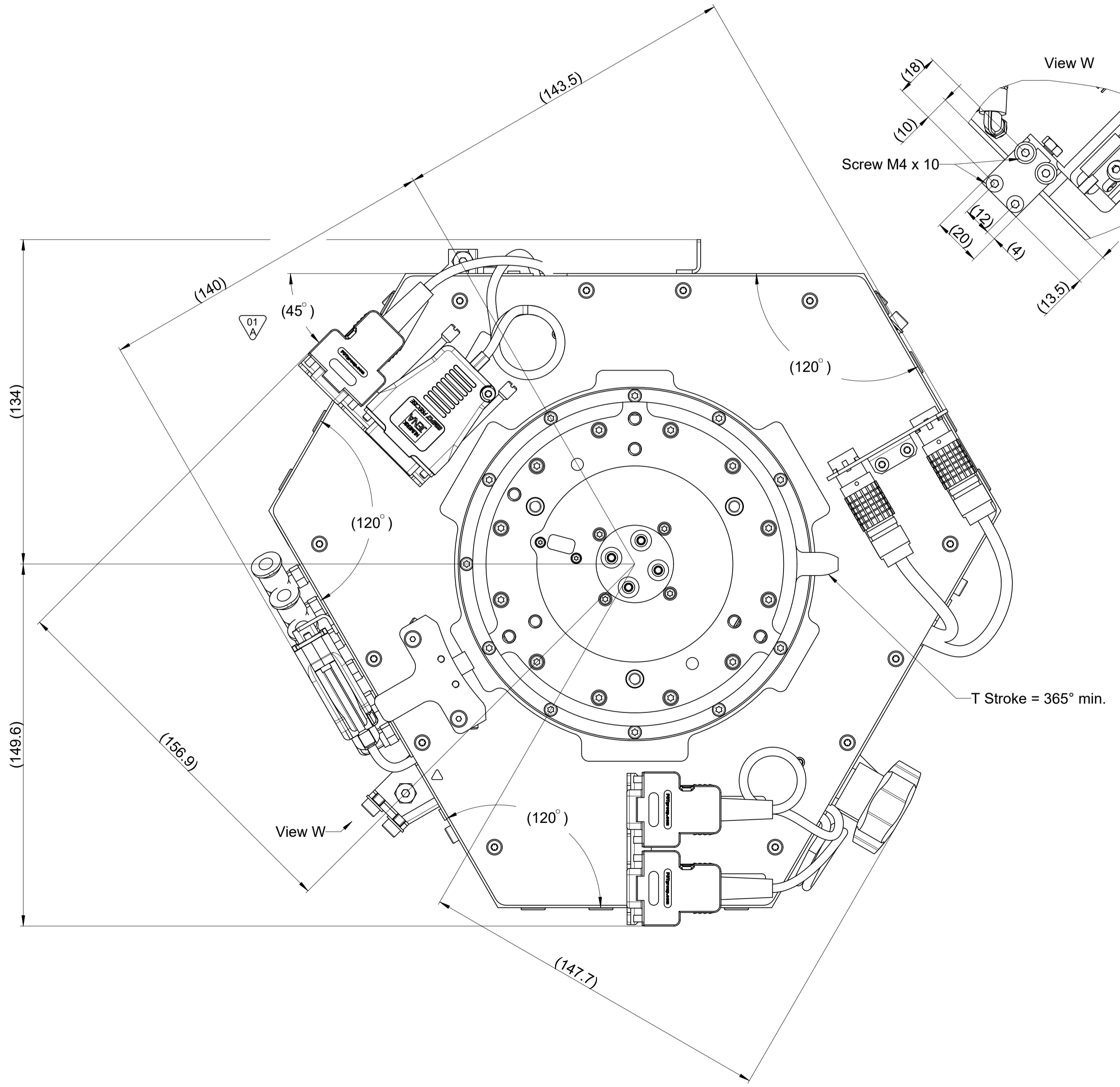
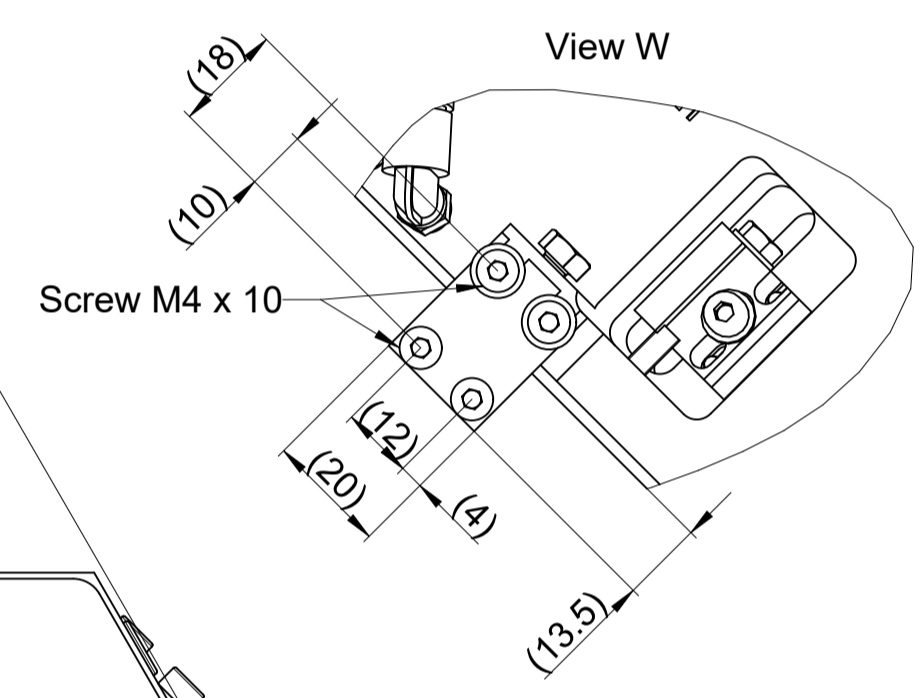
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Text		ID number	
Original drawing	Scale	Format	Change No.
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RoHS	ASME-NNNN-08-0365-0355xx-XYZ3T STACKED S		Revision:
Material:			Material:
Material:			Material:
Dimensions in mm / Cotés en mm	Metric Dimensions / Cotés d'encadrement		Surface as per ISO 1302
Workpiece edges ISO 13715			États de surface selon ISO 1302
±0.1			±0.0
±0.3			±0.0
±0.3			±0.0
Tolerances as per ISO 8015 : 2011			Surface treatment:
Tolerances selon ISO 8015 : 2011			Traitement de surface:
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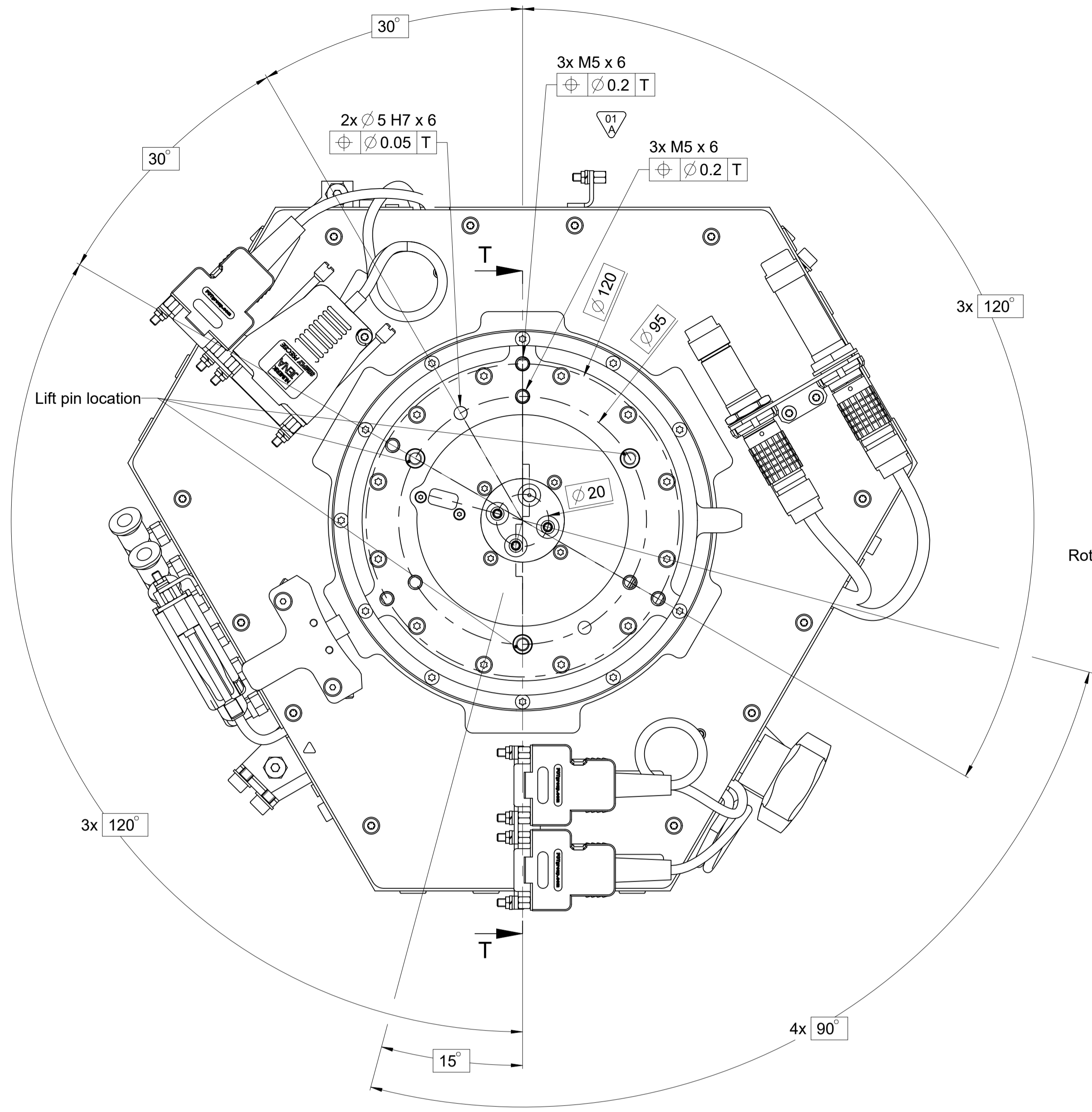


Fine Z top hardstop adjustment system.
Use according instruction of user manual.

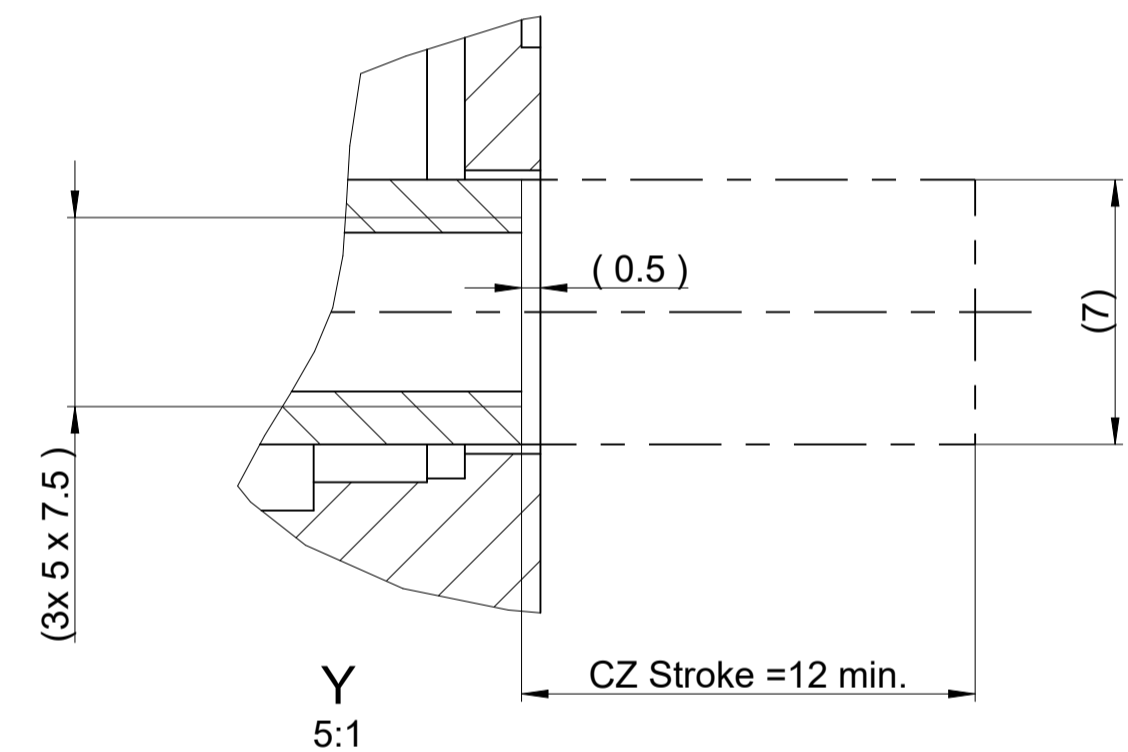
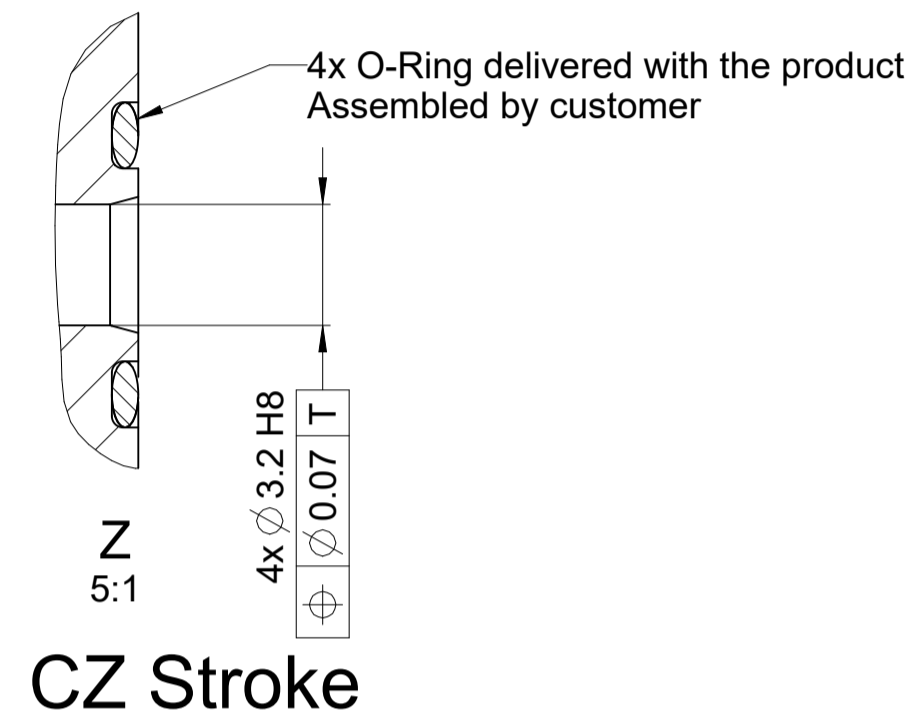
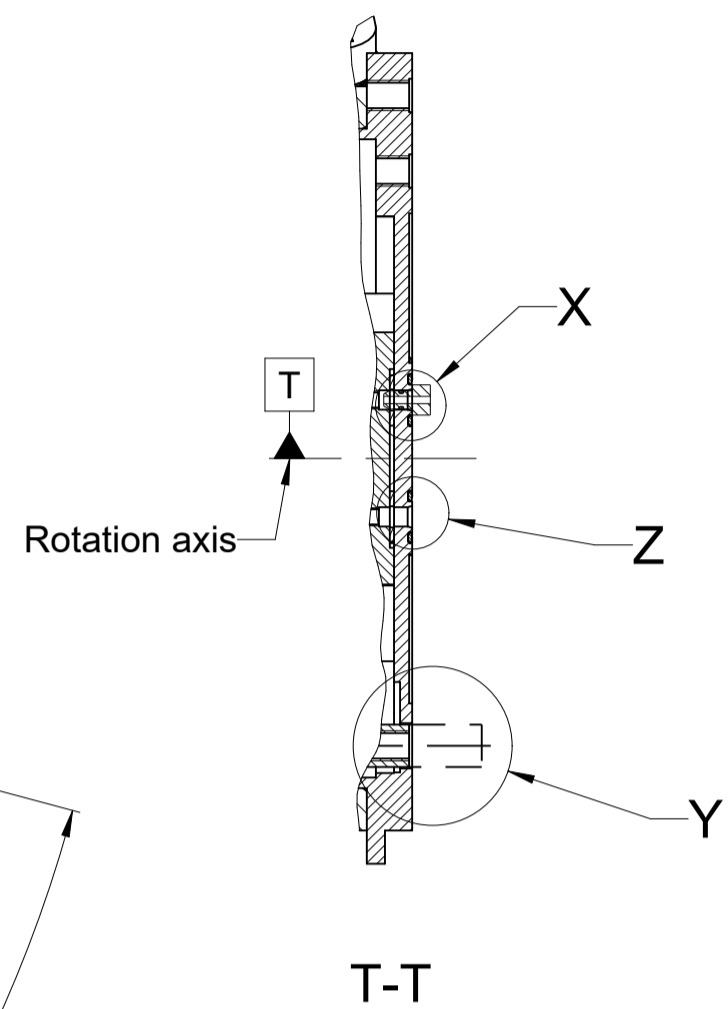
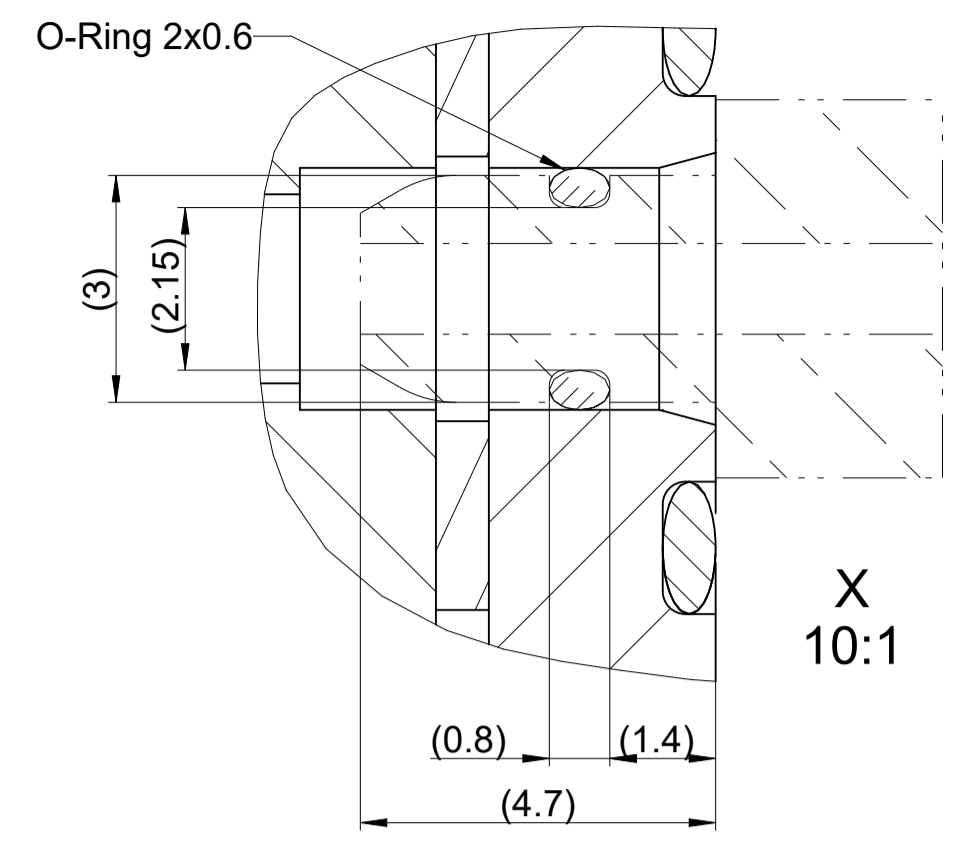
Wedge adjustment screws.
Use according instruction of user manual.



Text: Change orientation User C01 and C02 D-sub + add note screw penetration max		ID number: 1324806-
Change No. C138130-05		Released: 16-Mar-22
<p>Multi axis system Z3TM+ Système multi-axes Z3TM+</p> <p>Mating Dimensions / Coles d'encorement</p>		<p>Tolerances as per ISO 8015 : 2011 Tolérances selon ISO 8015 : 2011</p> <p>Dimensions without tolerance Dimensions sans tolérances</p>
<p>Original drawing</p> <p>Scale: 4:5</p> <p>Format: A1</p>	<p>The reproduction, distribution and utilization of this document as well as the communication of its contents to others without express authorization is prohibited. Offenders will be held liable for the payment of damages. All rights reserved in the event of the grant of a patent, utility model or design. (ISO 18015)</p>	
<p>ETEL ETEL S.A. 2112 Möllers SWITZERLAND</p>		<p>Version Revision Sheet Page</p> <p>1326462-01 - A-01 1 of 3</p>

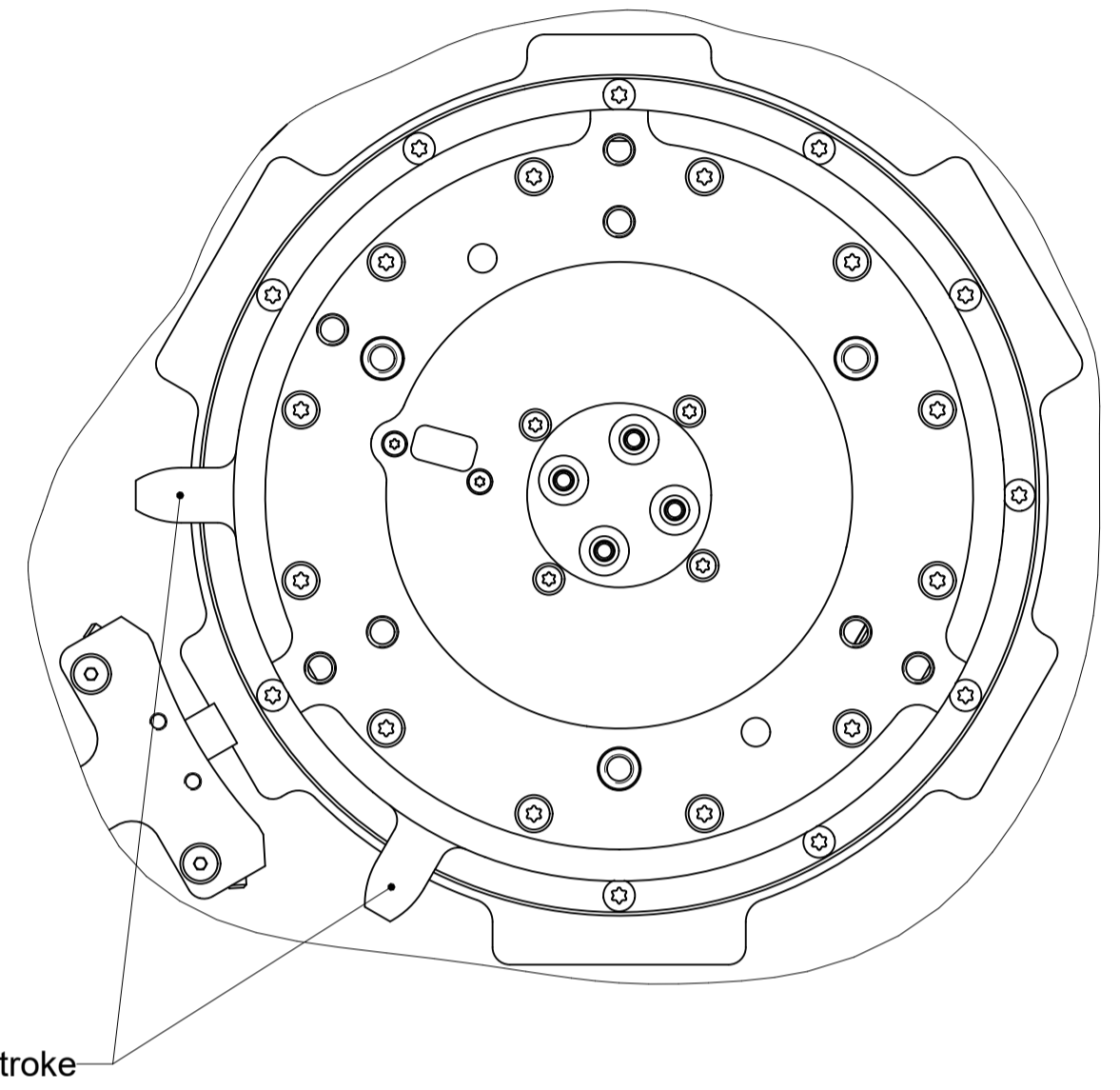


Customer fitting or part of chuck

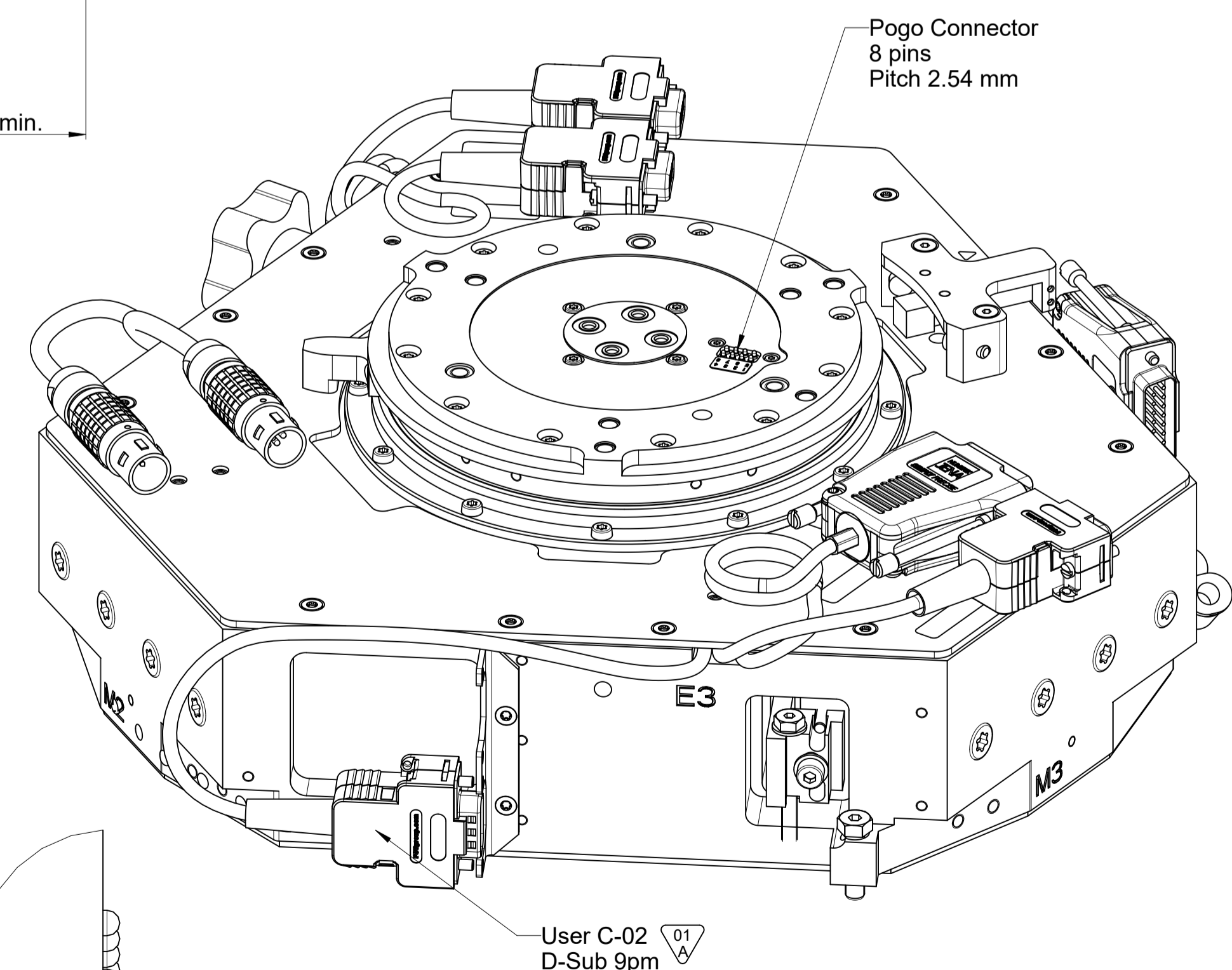
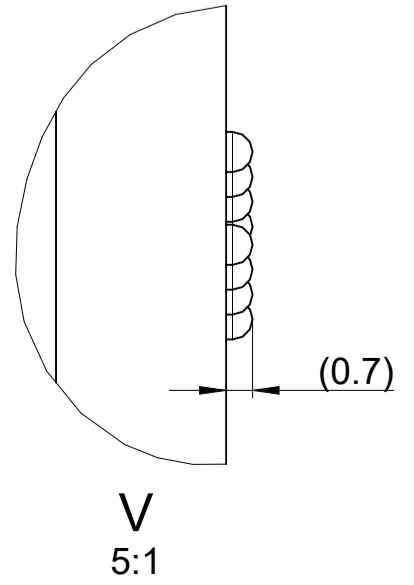
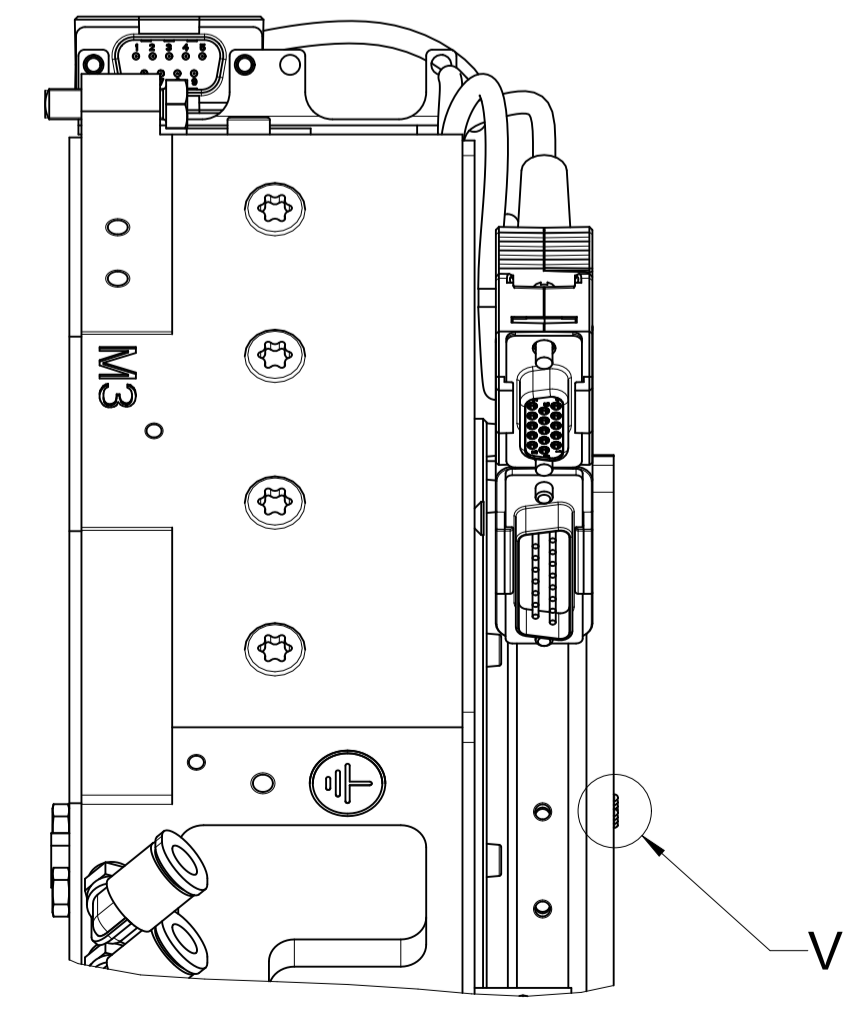
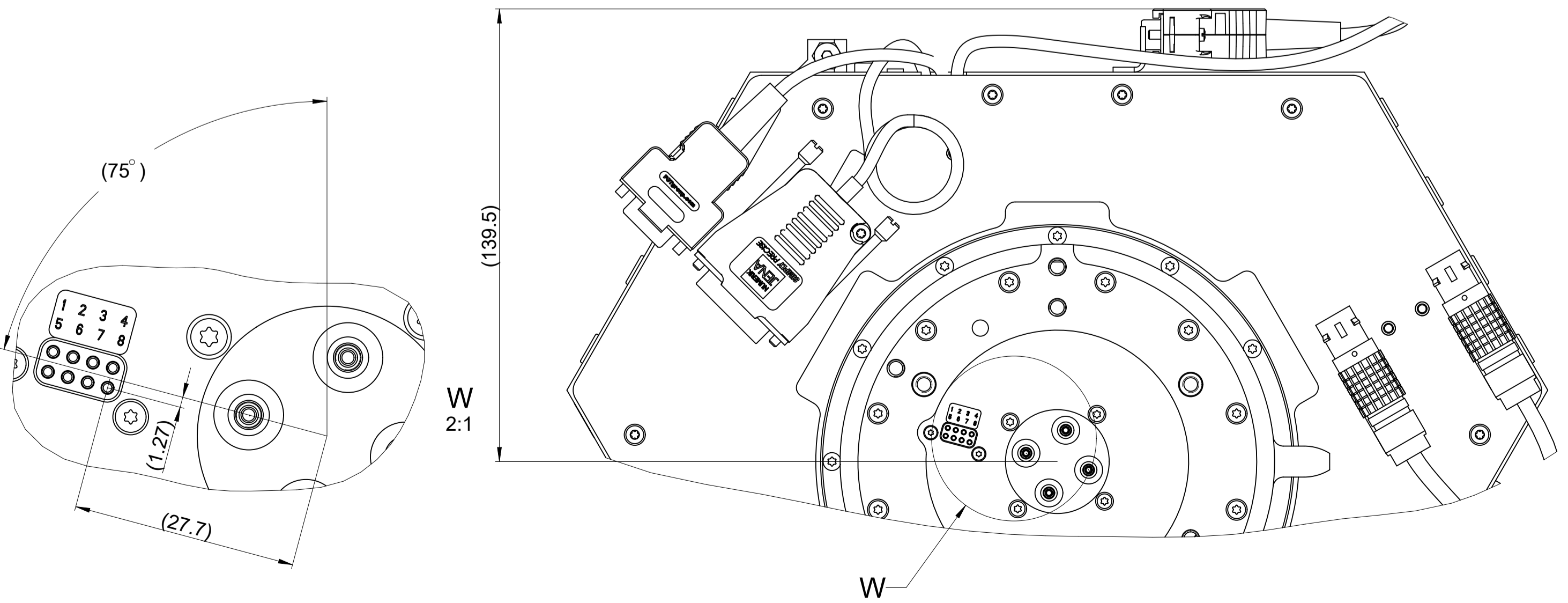


T Stroke limited

- Option 65° min.
- Option 125° min.
- Option 185° min.
- Option 245° min.
- Option 305° min.

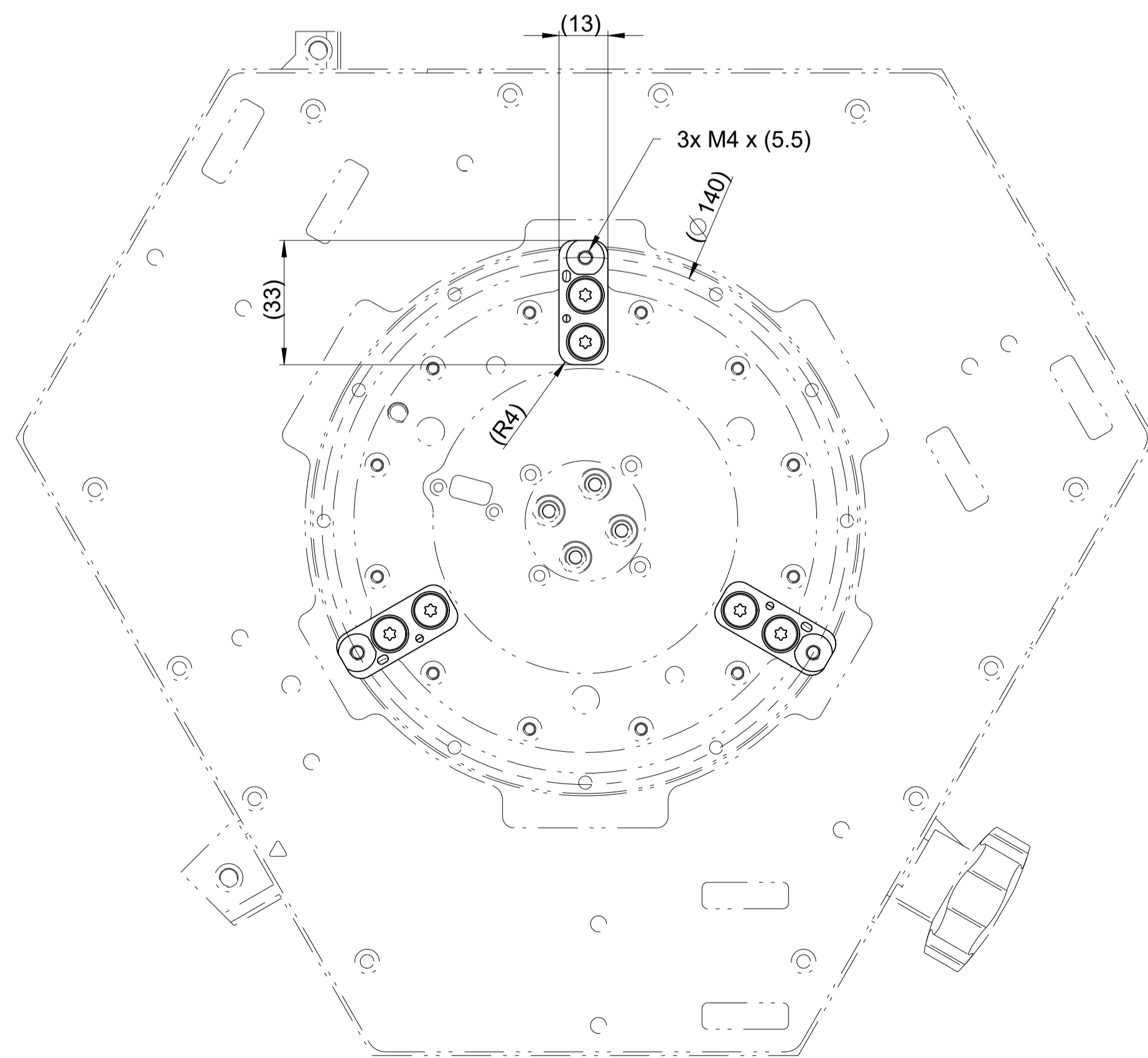
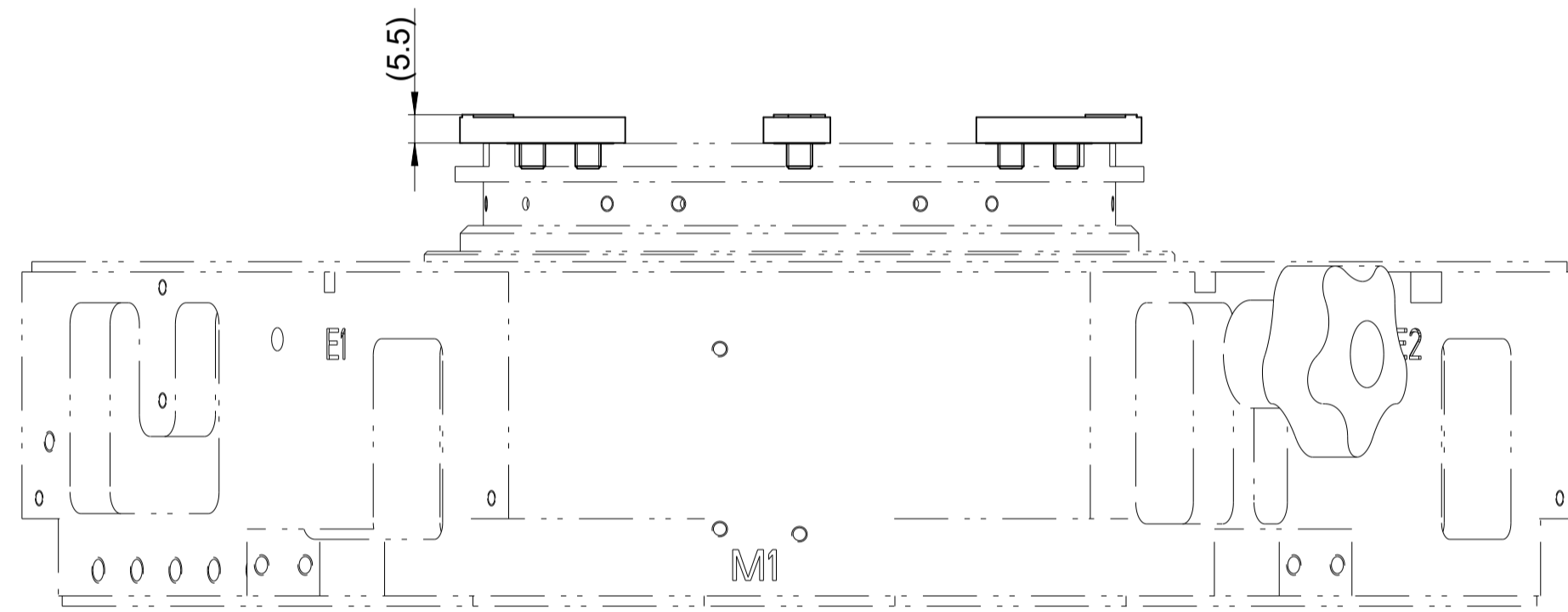
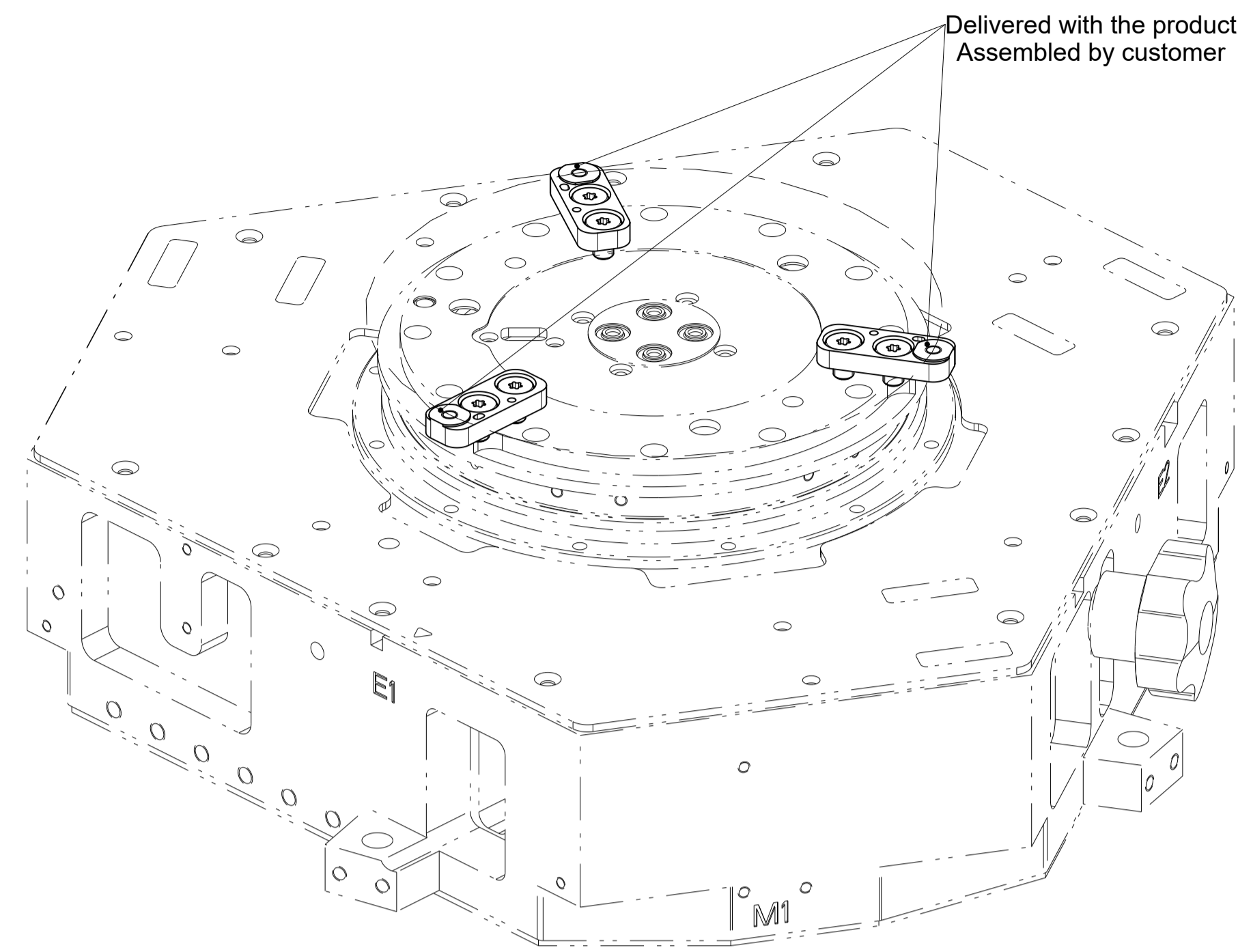


Pogo Connector 8 Pins on rotative part

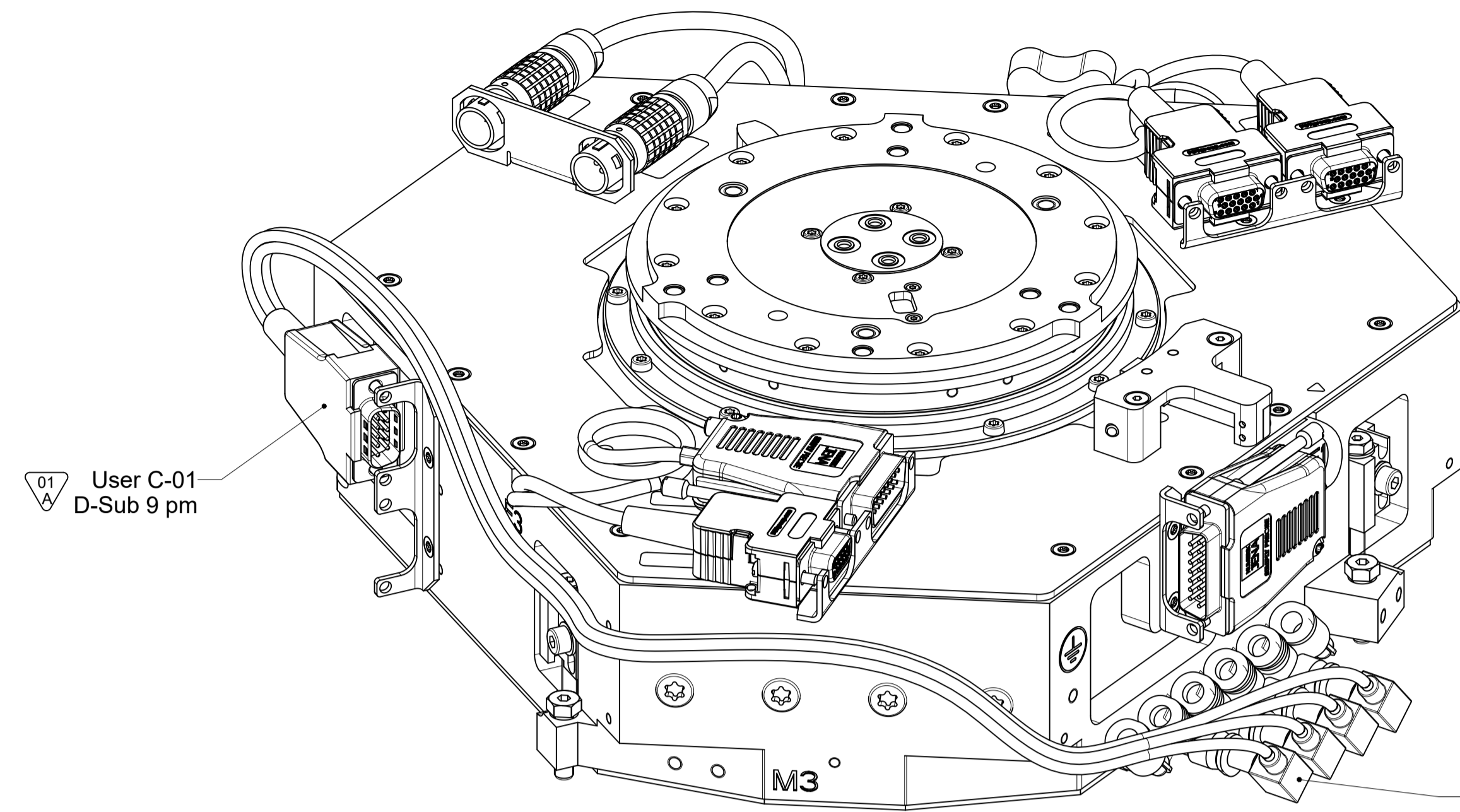


Text: Change orientation User C01 and C02 D-sub + add note screw penetration max		ID number: 1324806-
Change No. C138130-05		Released: 16-Mar-22
Tolerances as per ISO 8015 : 2011 Tolérances selon ISO 8015 : 2011		Dimensions without tolerance Dimensions sans tolérances
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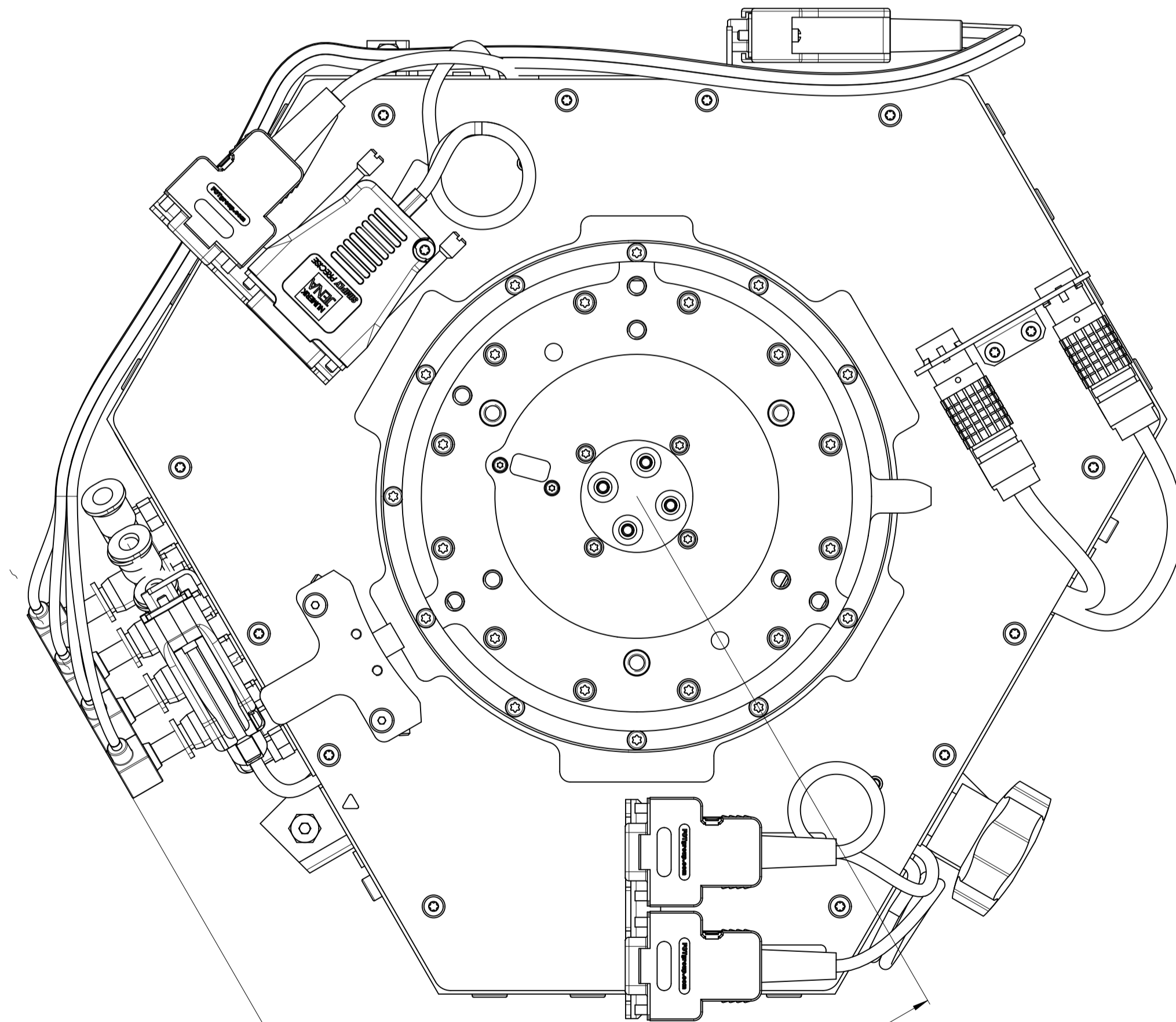
Wobble adjustment kit



Vacuum 2



4x Vacuum sensors for :
 Chuck Vac 1
 Chuck Vac 2
 Chuck Vac 3
 Chuck Vac 4



Text: Change orientation User C01 and C02 D-sub + add note screw penetration max		ID number: 1324806-
Change No. C138130-05		Released: 16-Mar-22
Multi axis system Z3TM+ Système multi-axes Z3TM+ Mating Dimensions / Coles d'encroachment		Tolerances as per ISO 8015 : 2011 Tolérances selon ISO 8015 : 2011 Dimensions without tolerance Dimensions sans tolérances
Original drawing Scale: 4:5 Format: A1	The reproduction, distribution and utilization of this document as well as the communication of its contents to others without express authorization is prohibited. Offenders will be held liable for the payment of damages. All rights reserved in the event of the grant of a patent, utility model or design. (ISO 18015)	
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