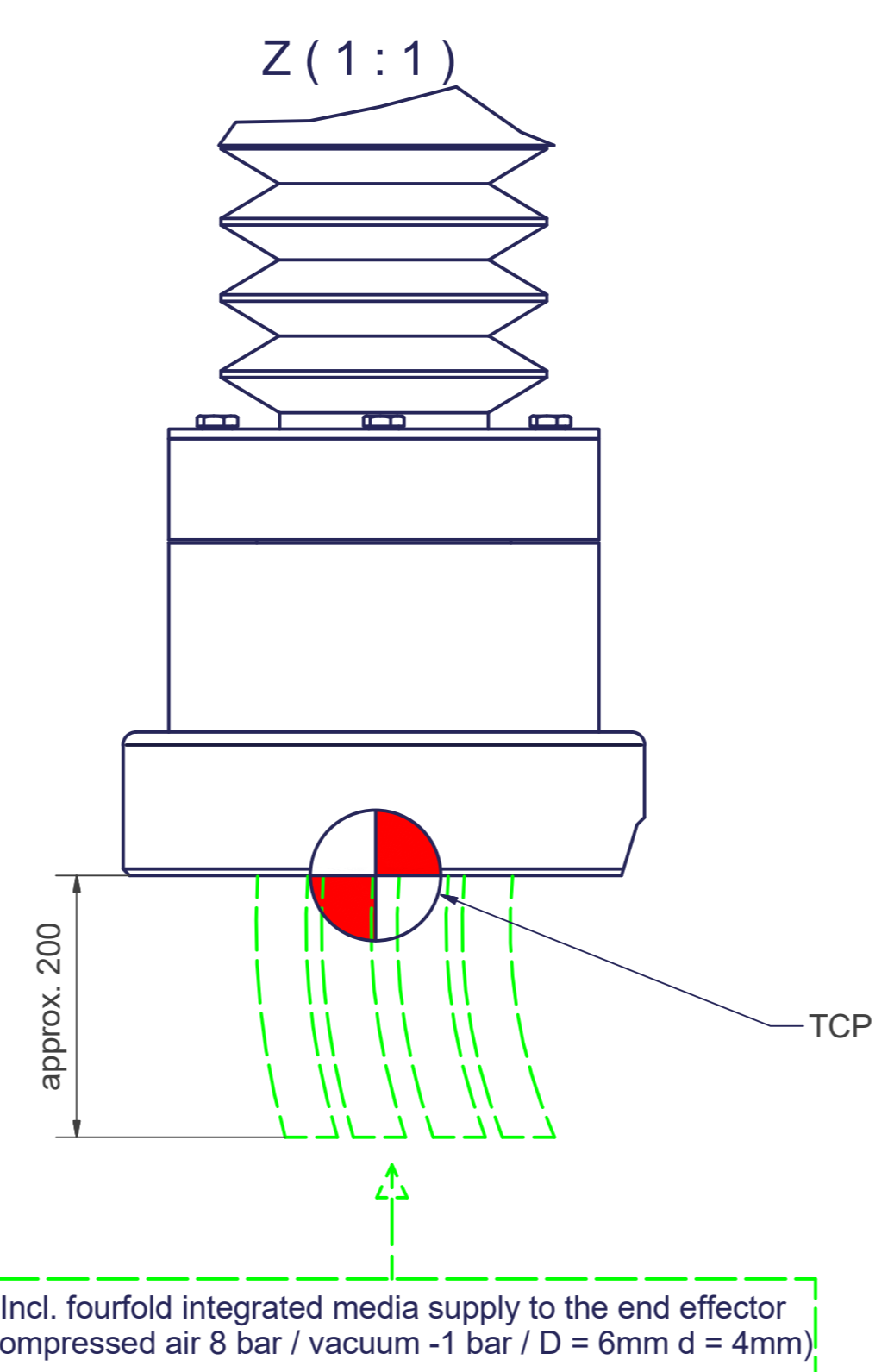
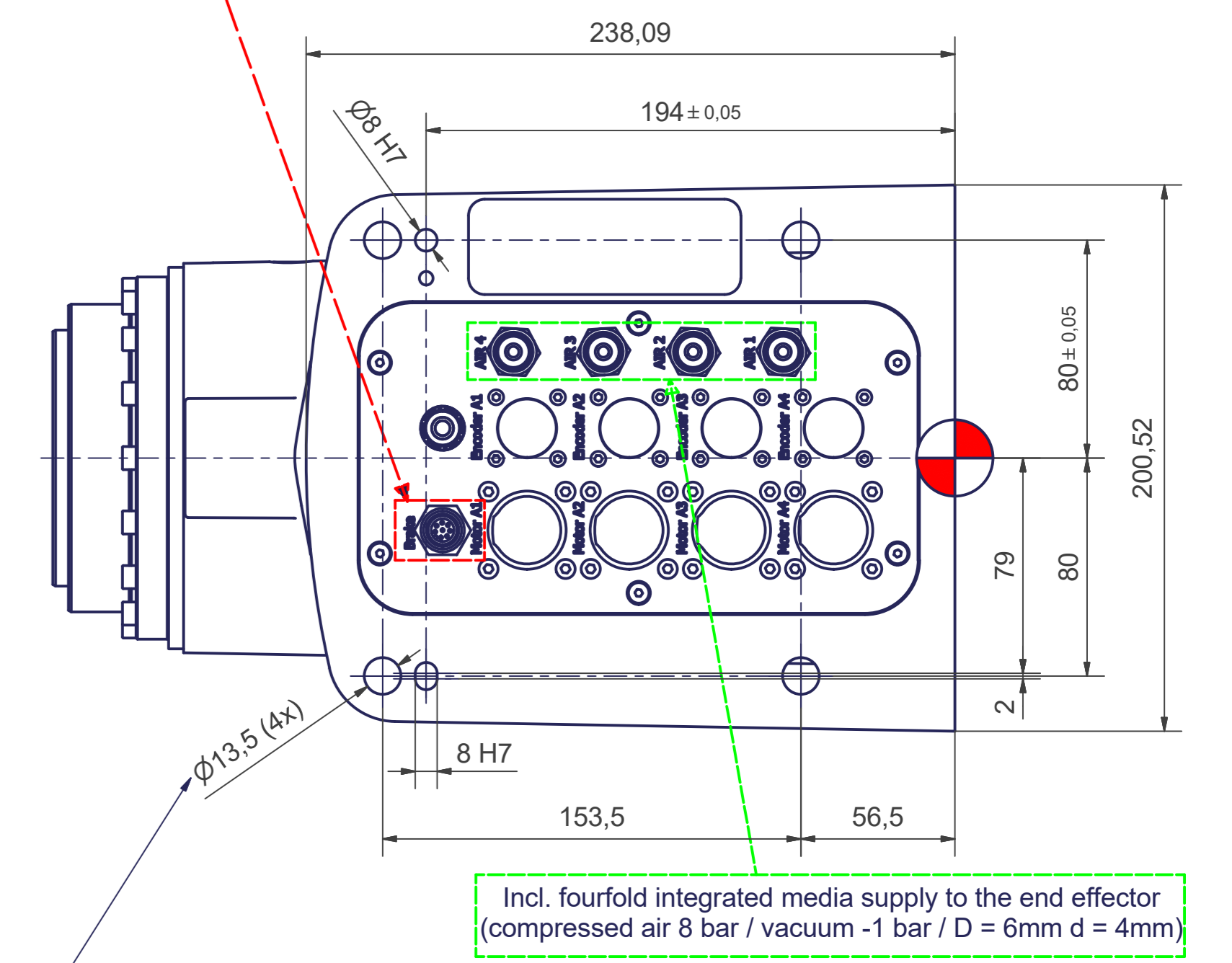
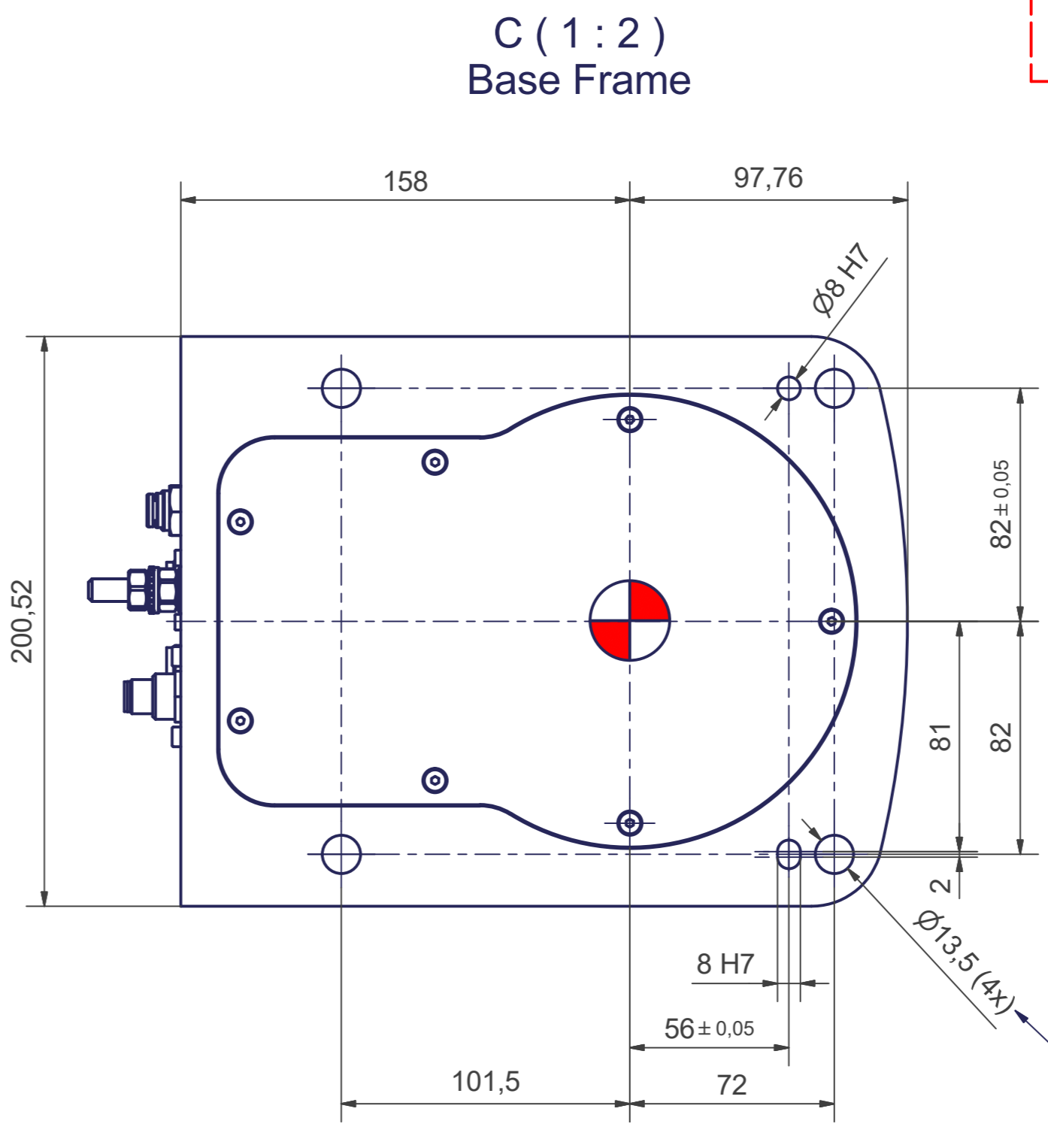
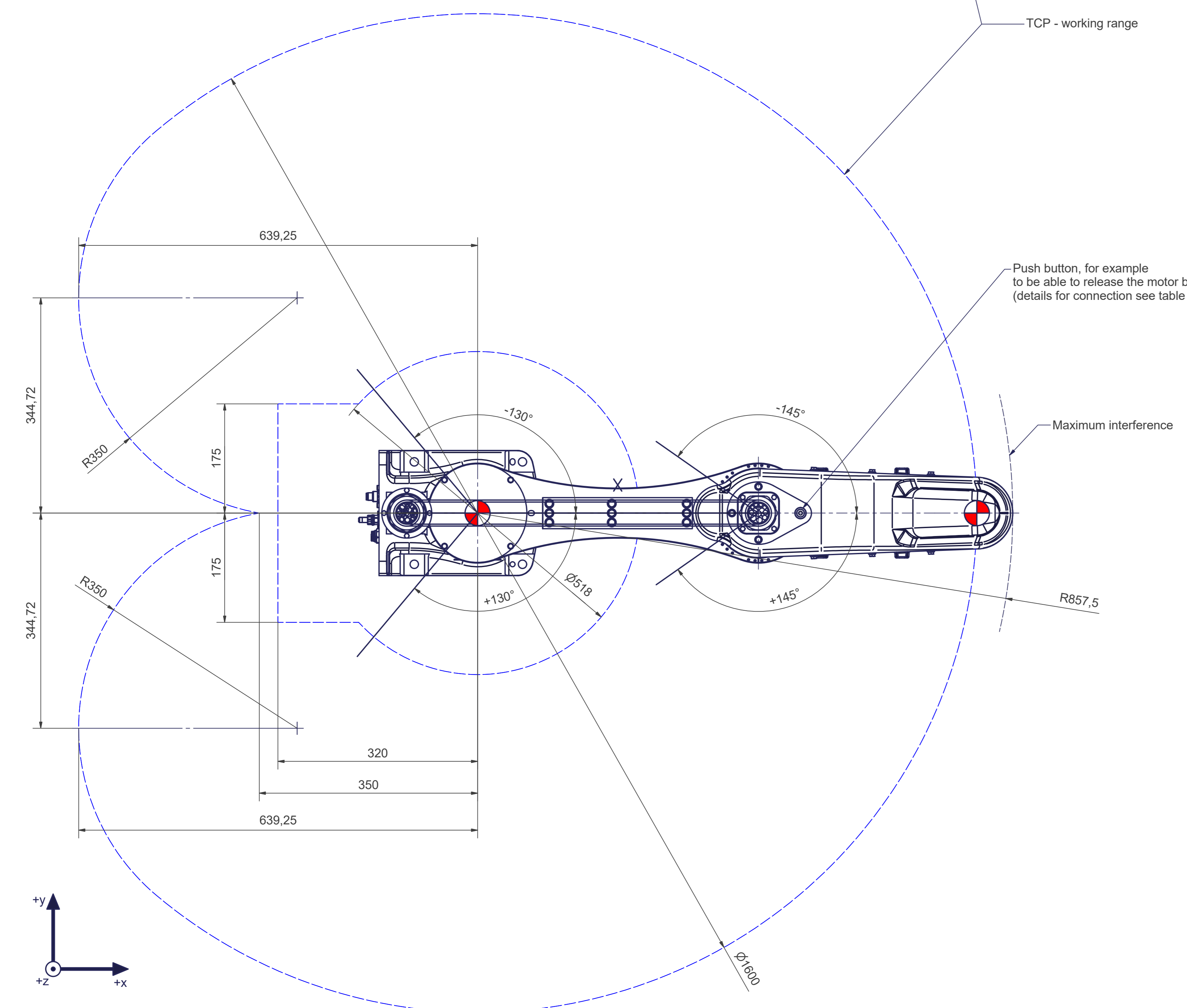


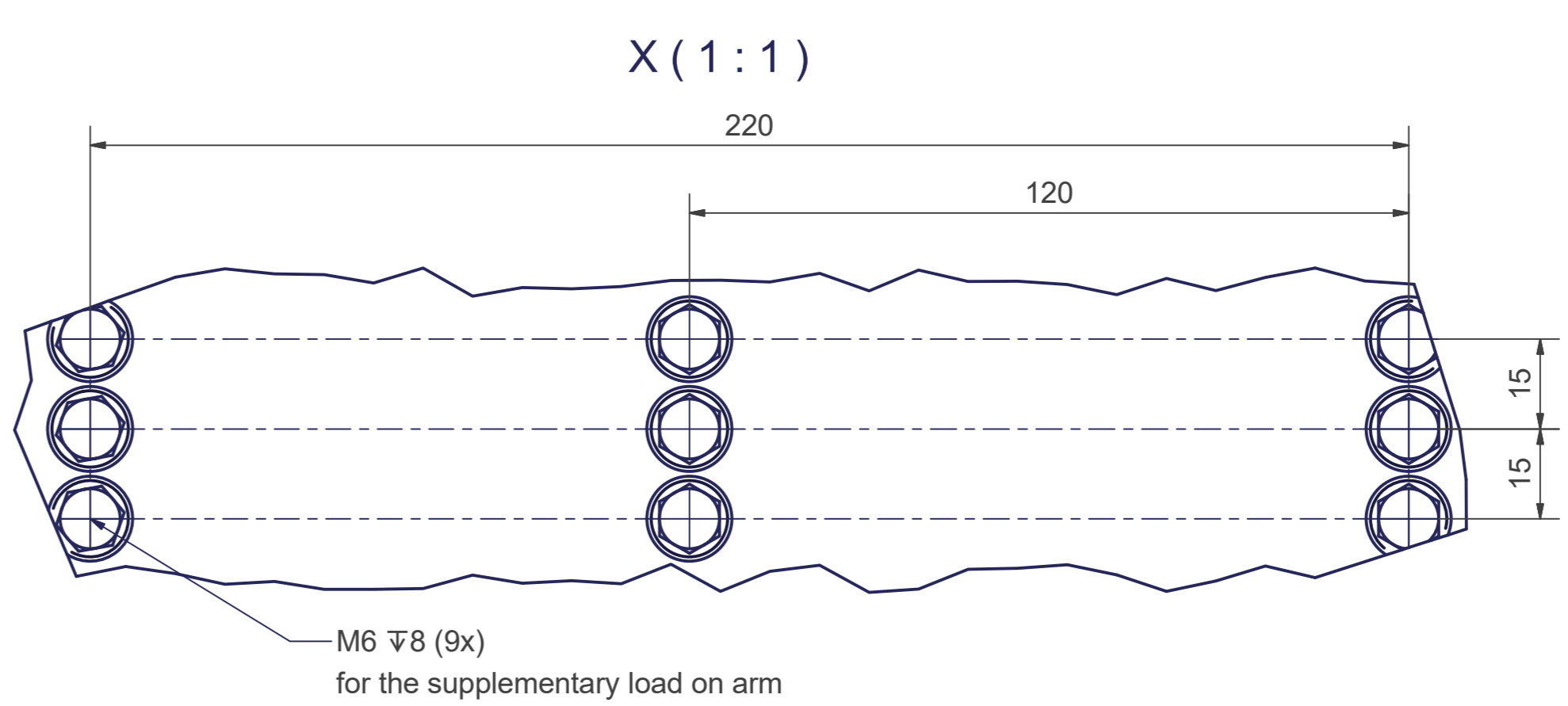
PIN assignment by autonox Robotics		
PIN number	Connection to	M12 8-pin male
1	Push button	
2	Push button	
3 to 8	Not connected	



for screws M12 (DIN ISO 4014/4017-8.8) the tightening torque for these screws is 83 Nm (in steel frame).

sCara4-800-6kg		Motion	
Axes	4	Axes	Range fully usable
Payload (on TCP)	6kg	A1	± 130°
Reach	800 mm	A2	± 145°
Mounting position	Floor, ceiling, wall	A3	+ 73 mm / + 223 mm
		A4	± 360°

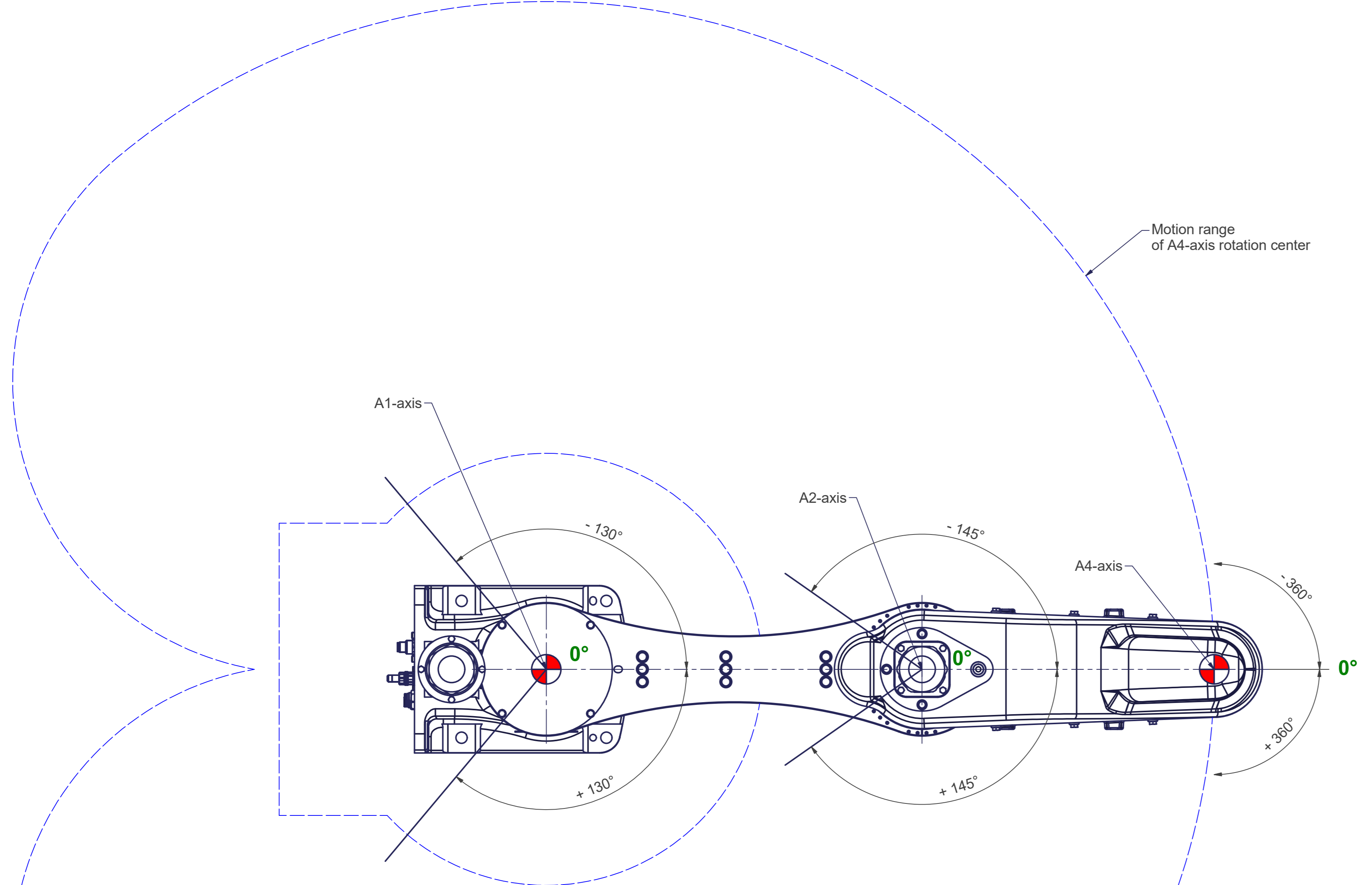
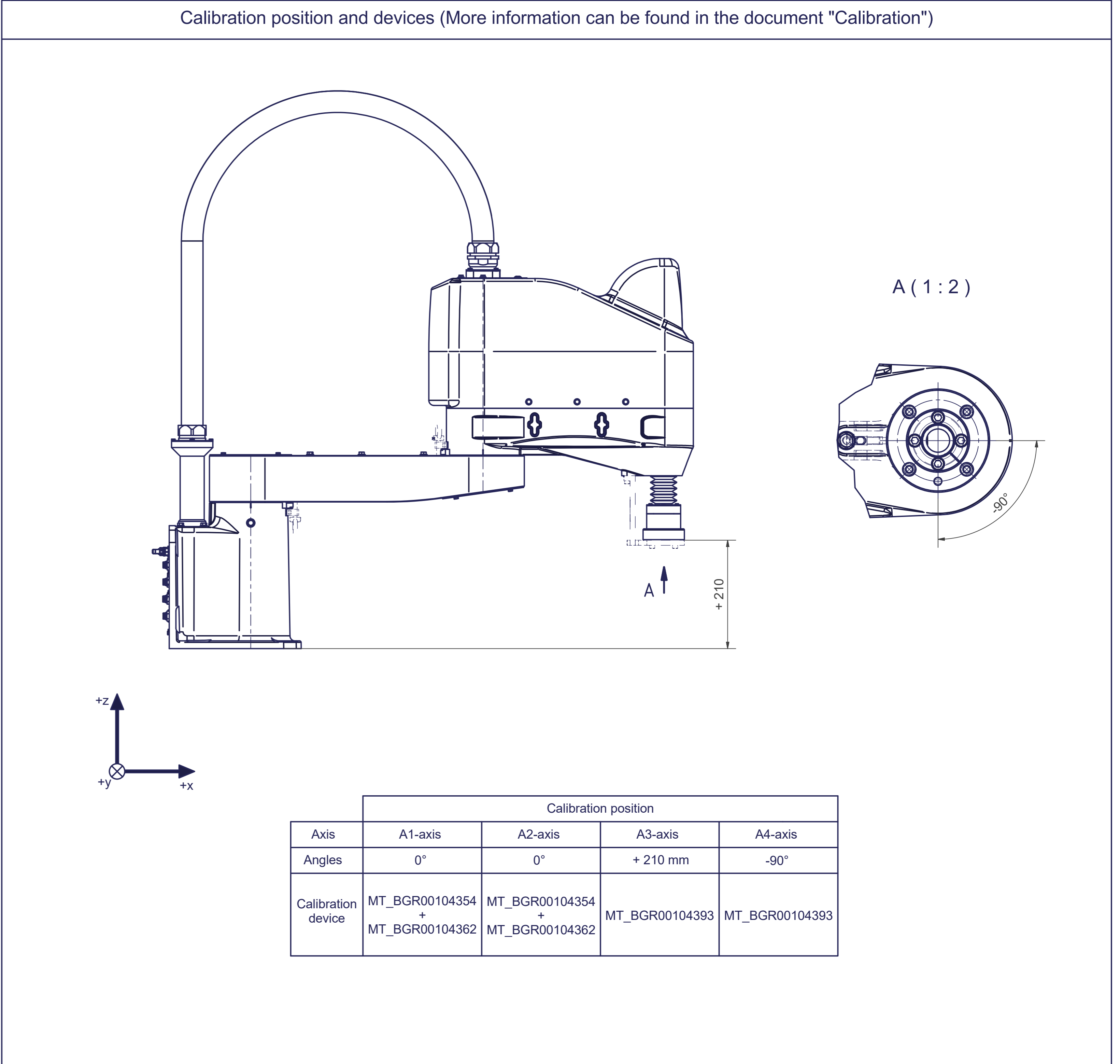
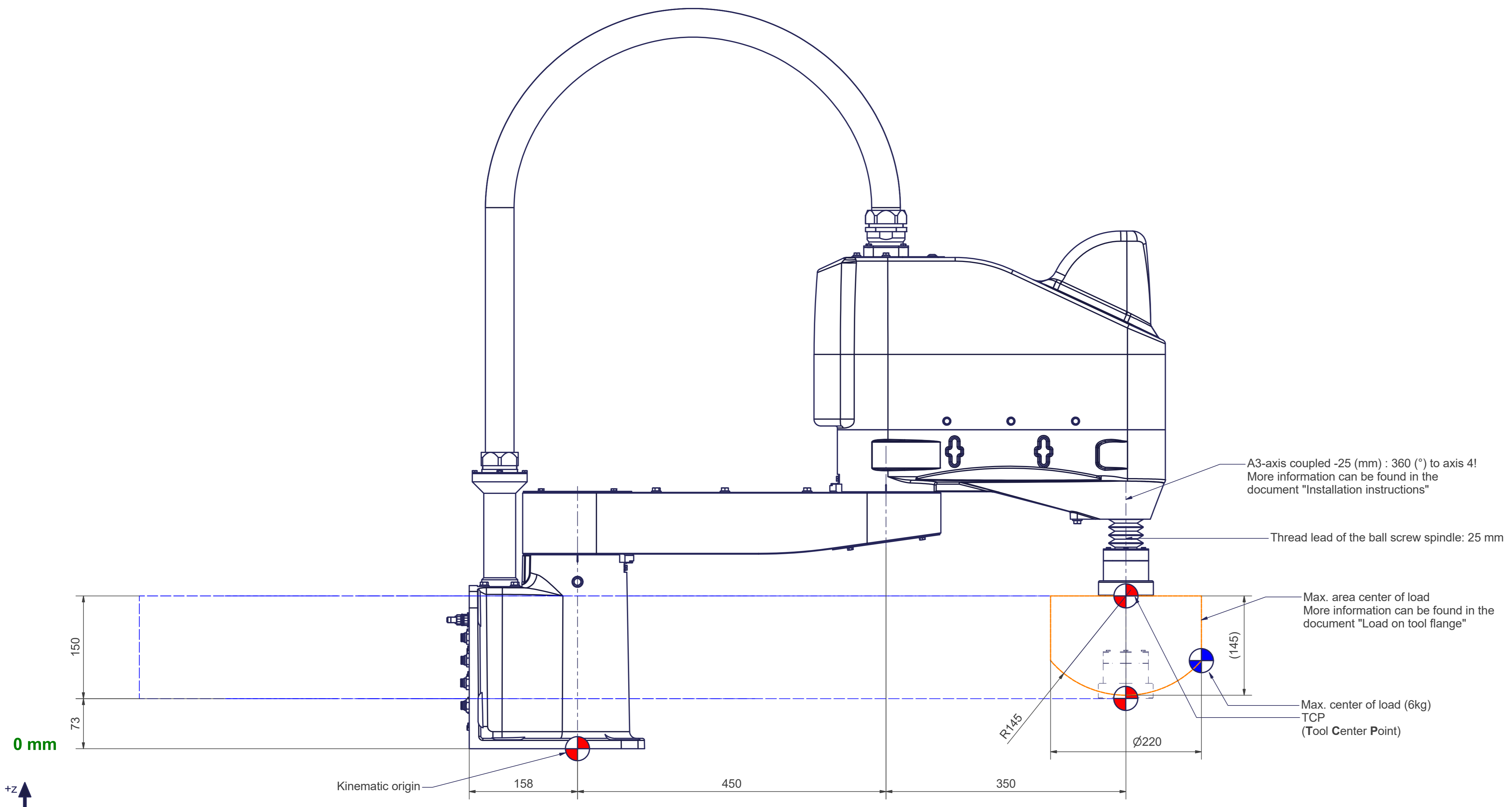
More information can be found in the document "calibration dimensions"



Connecting dimensions, valid for article number: AT_00024-HND

kg	kg	A	bar
m ⁻	kg	A	l/min
proj. storage surface =	m ²	P _{in}	kw
		U _{in}	V / Hz / Ph
		I _{max}	A





Max. gearbox housing temperature 65°C

Please note the following limited performance data

Axis	Transmission	Motion range fully usable	Max. velocity	Max. acceleration	Max. motor torque	Max. gearbox output torque	Nominal gearbox output torque	Emergency stop torque	Range from software limit to mechanical end stops
A1	81	± 130°	520 °/s	6000 °/s ² (*)	8 Nm	613 Nm	245 Nm	648 Nm	Axis Range
A2	51	± 145°	825 °/s	9000 °/s ² (*)	8 Nm	300 Nm	100 Nm	408 Nm	A1 1°
A3	3	+ 73 mm / + 223 mm	833 mm/s	15000 mm/s ²	-	6 Nm	6 Nm	8 Nm	A2 1°
A4	18	± 360° (*)	2666 °/s	11000 °/s ²	-	20,1 Nm	14,4 Nm	43 Nm	A3 1 mm

Technical data for axes 3-4: see document "Installation instructions"
 (*) only for autonox-ENDAT and -HIPERFACE motors, depending on motor type
 (**) can be exceeded when the nominal and maximum torques are respected and the gearbox temperatures don't exceed their limit.

Calibration dimensions, valid for article number: AT_00024-HND

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	Datum 20.03.2020	Name Jim chvickov	sCara4-800-6kg
		AT_00024-HND	2
			AO