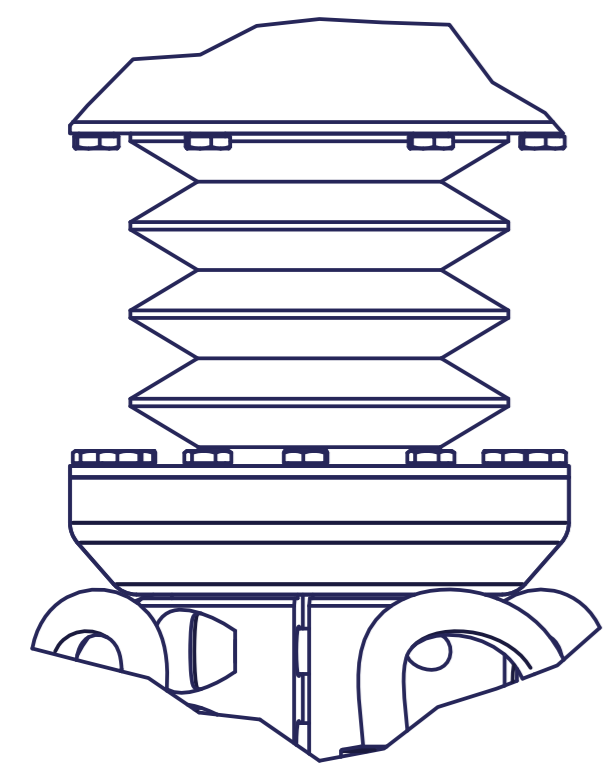
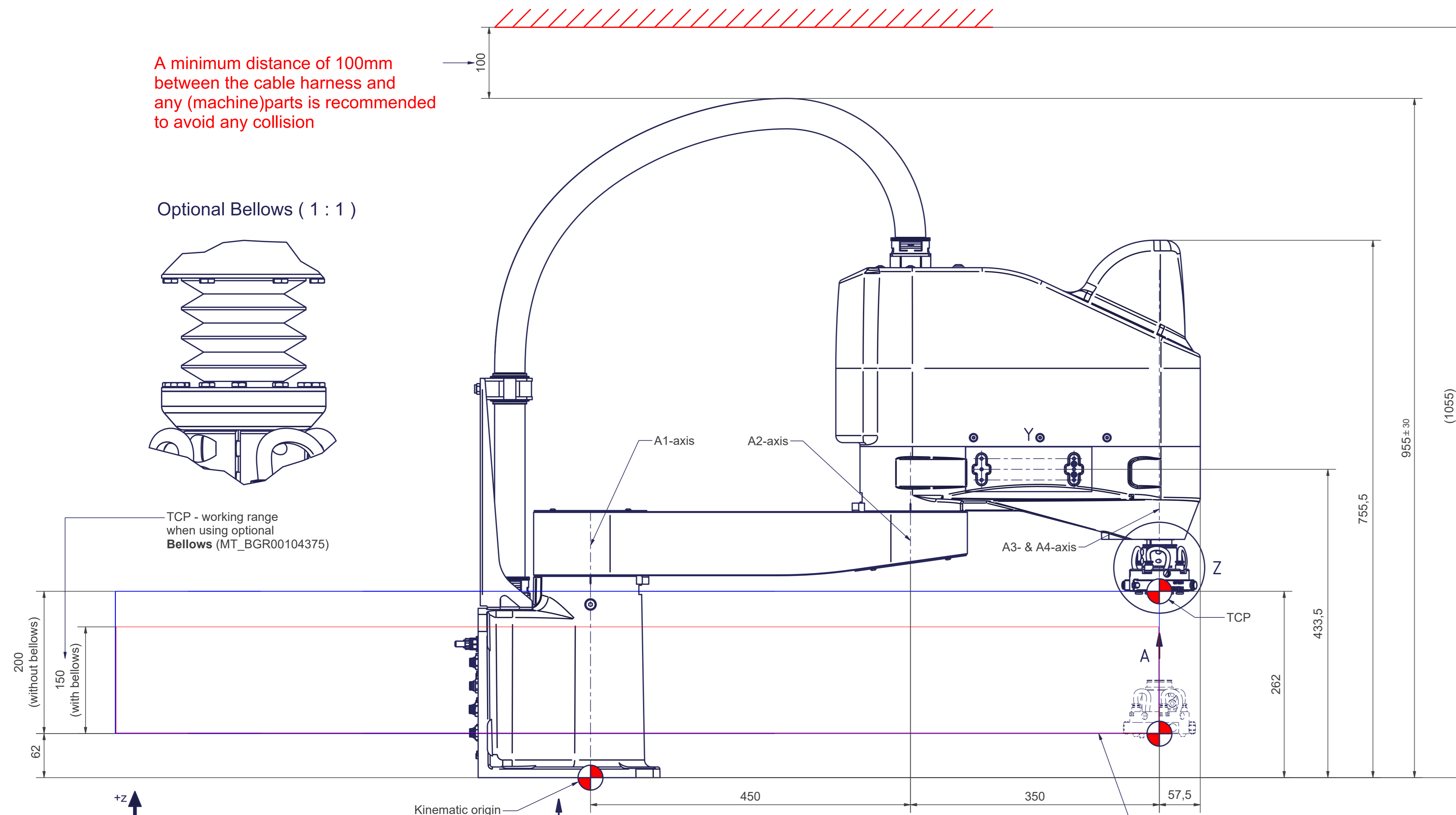


A minimum distance of 100mm between the cable harness and any (machine) parts is recommended to avoid any collision

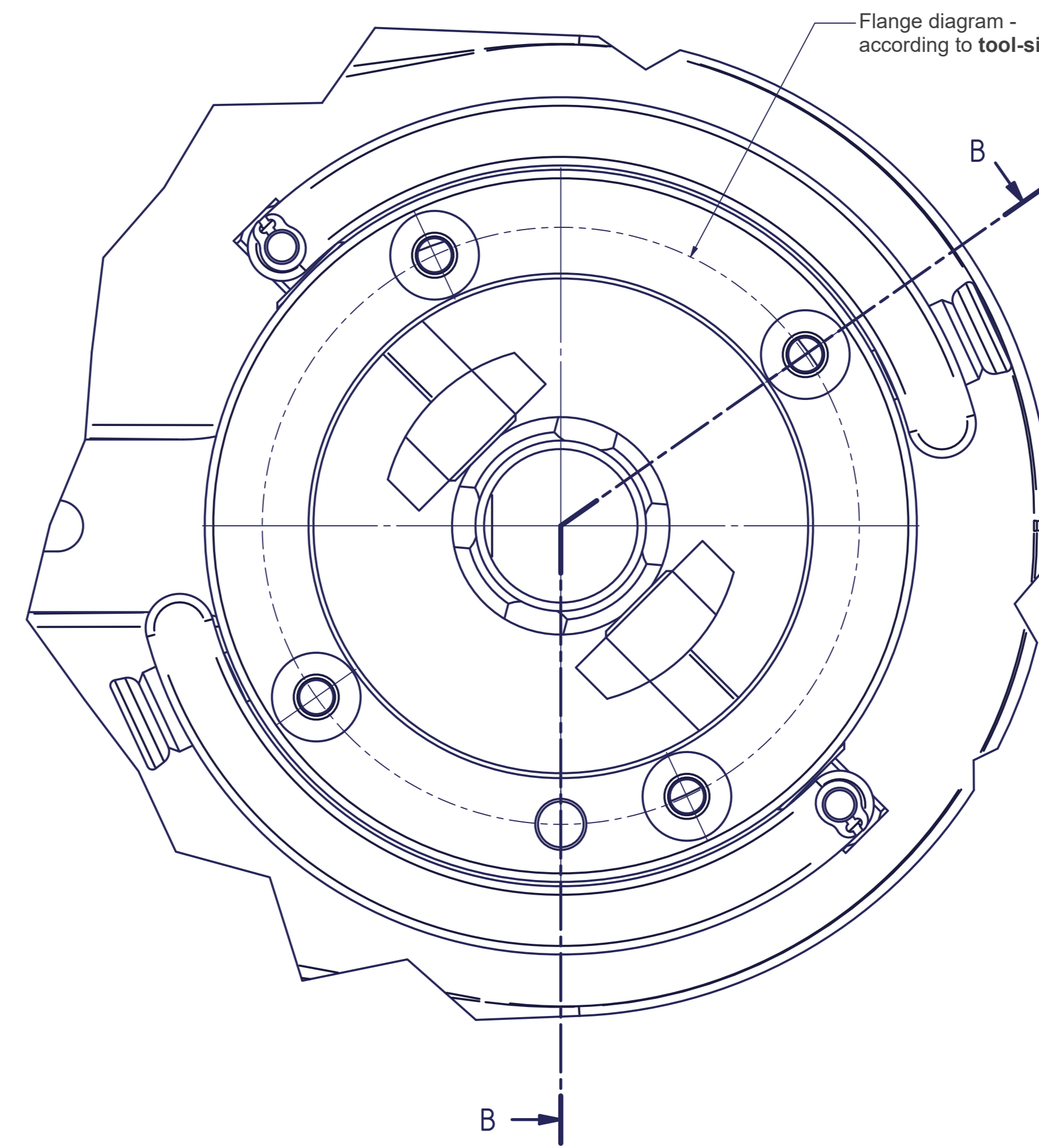
Optional Bellows (1:1)



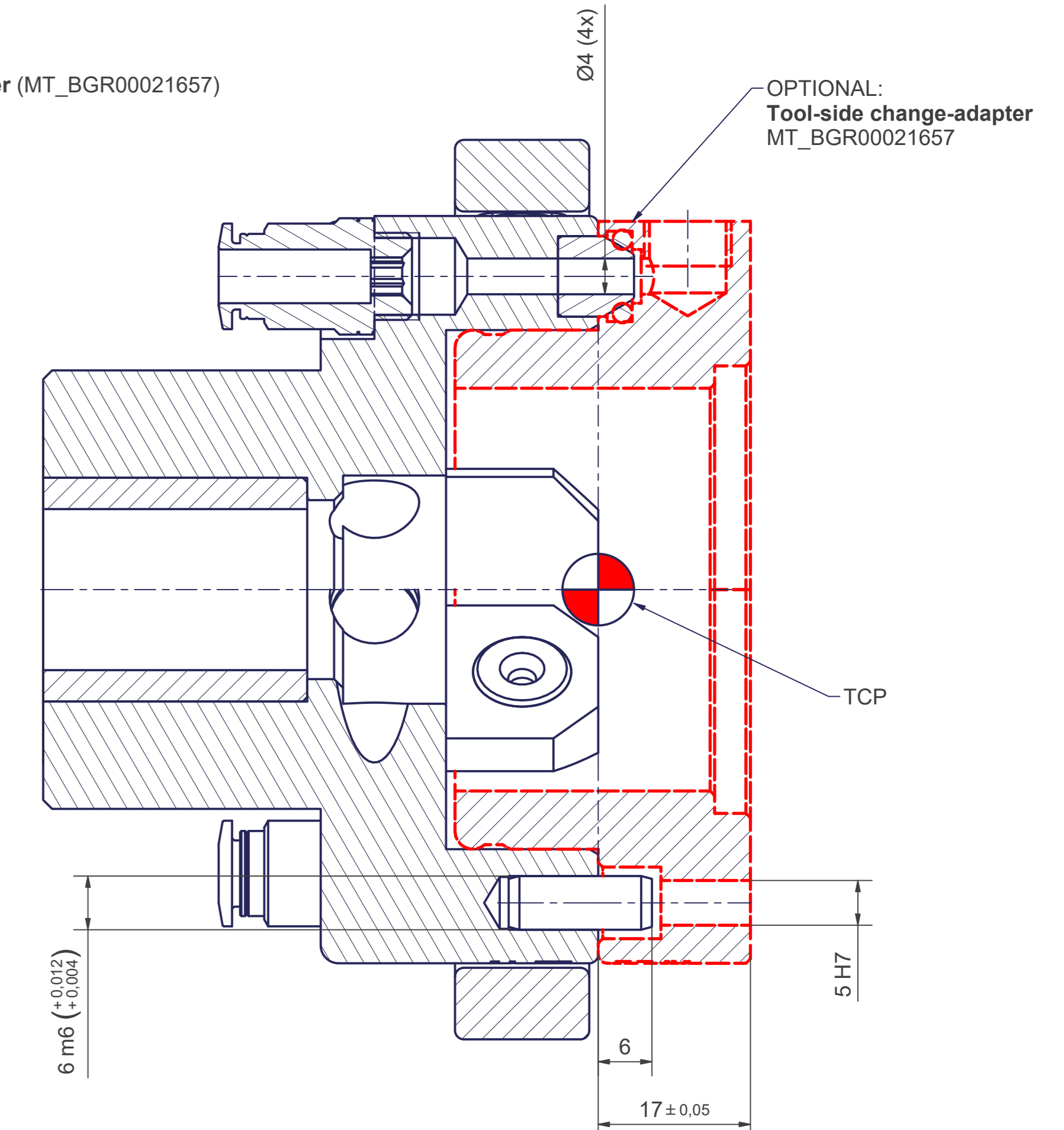
TCP - working range when using optional Bellows (MT\_BGR00104375)



A (2:1)  
Tool mounting flange

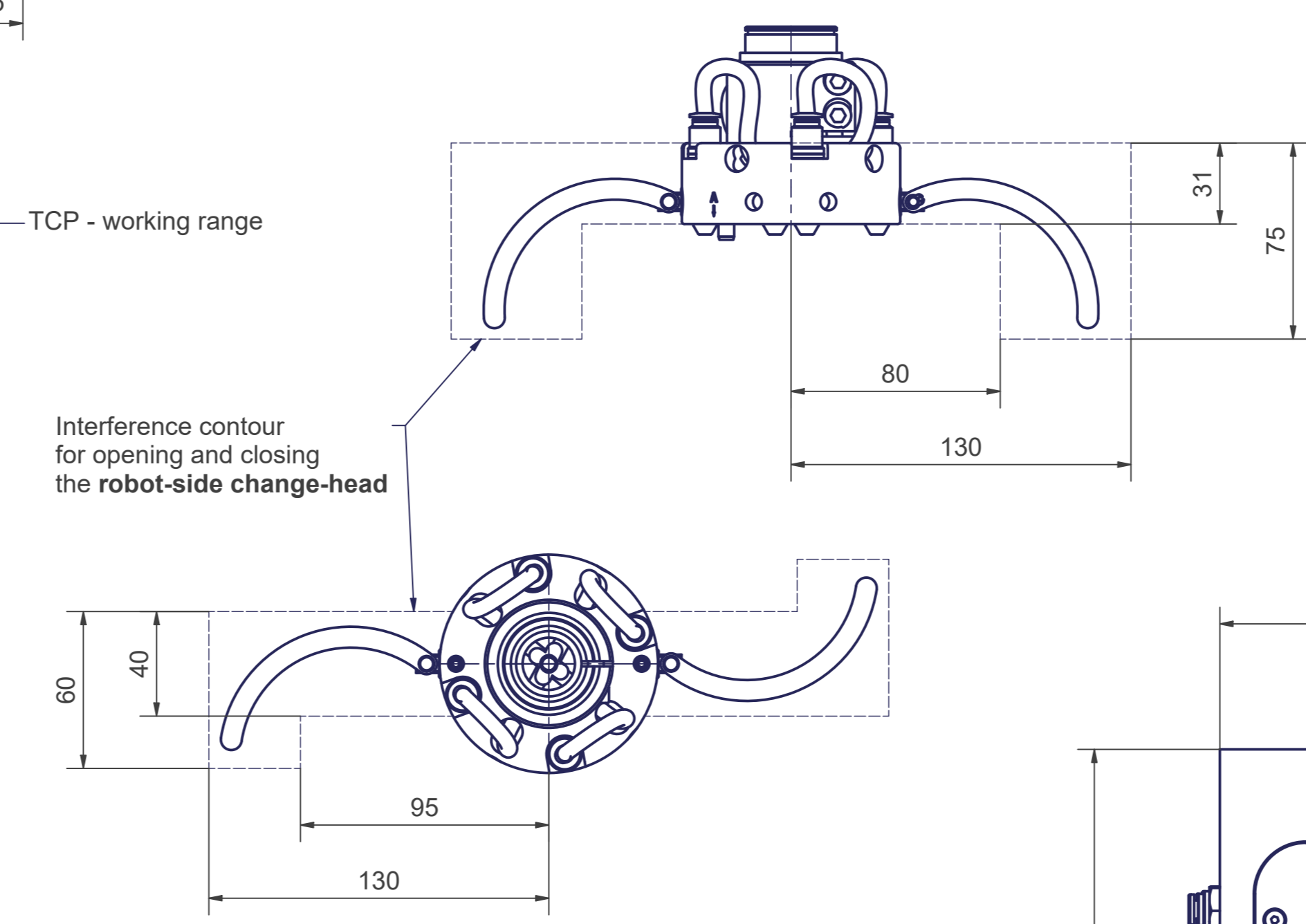
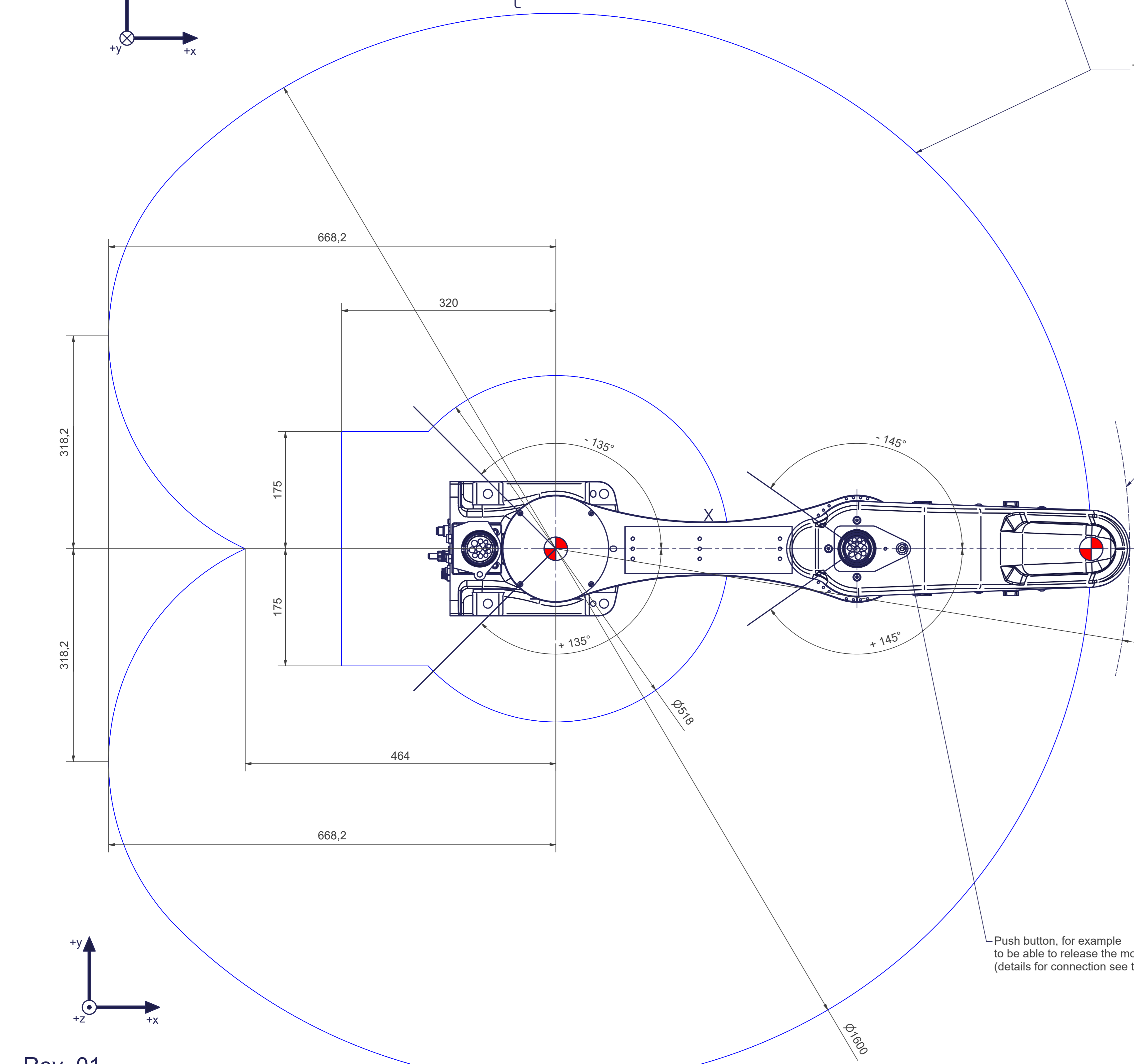


B-B

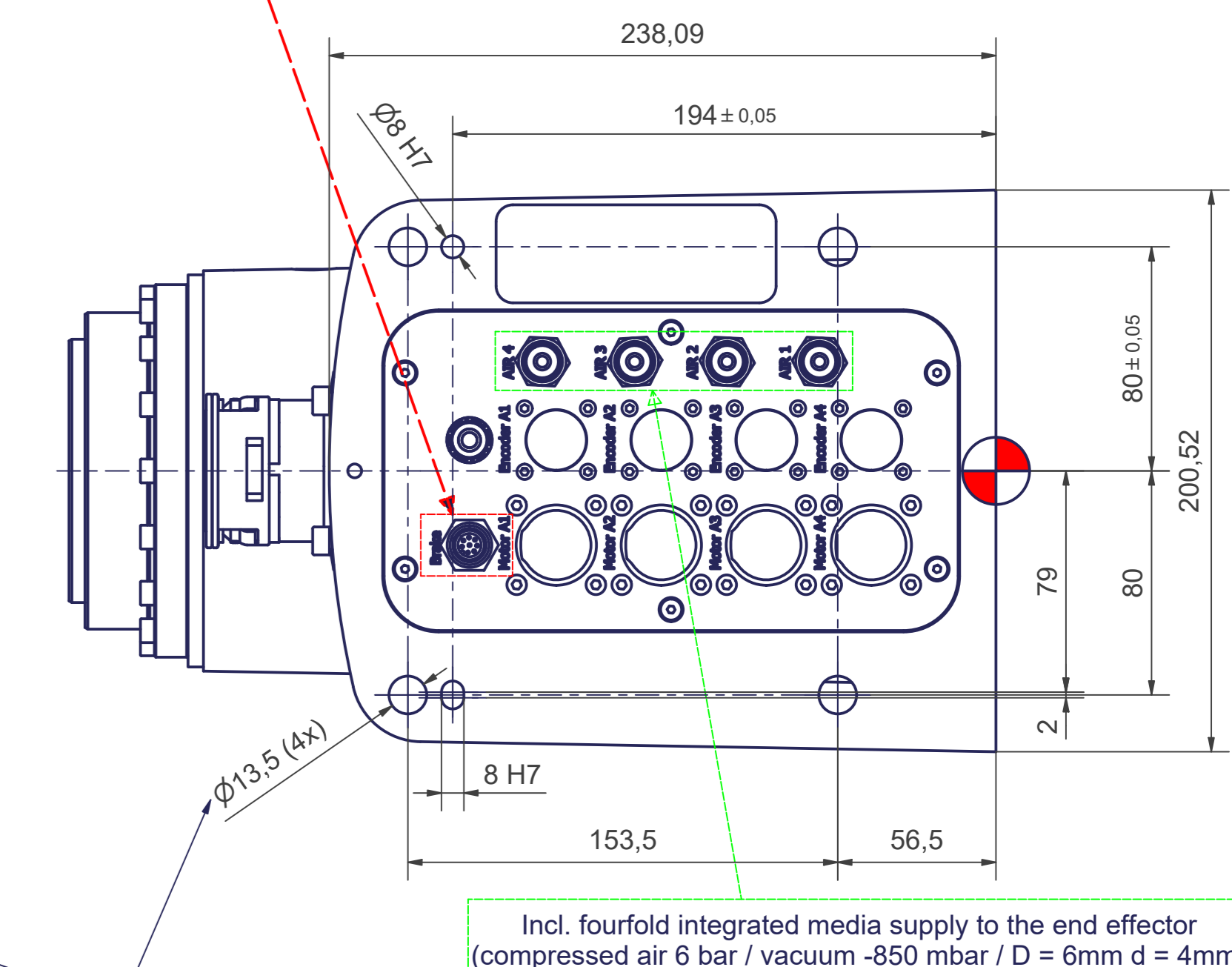
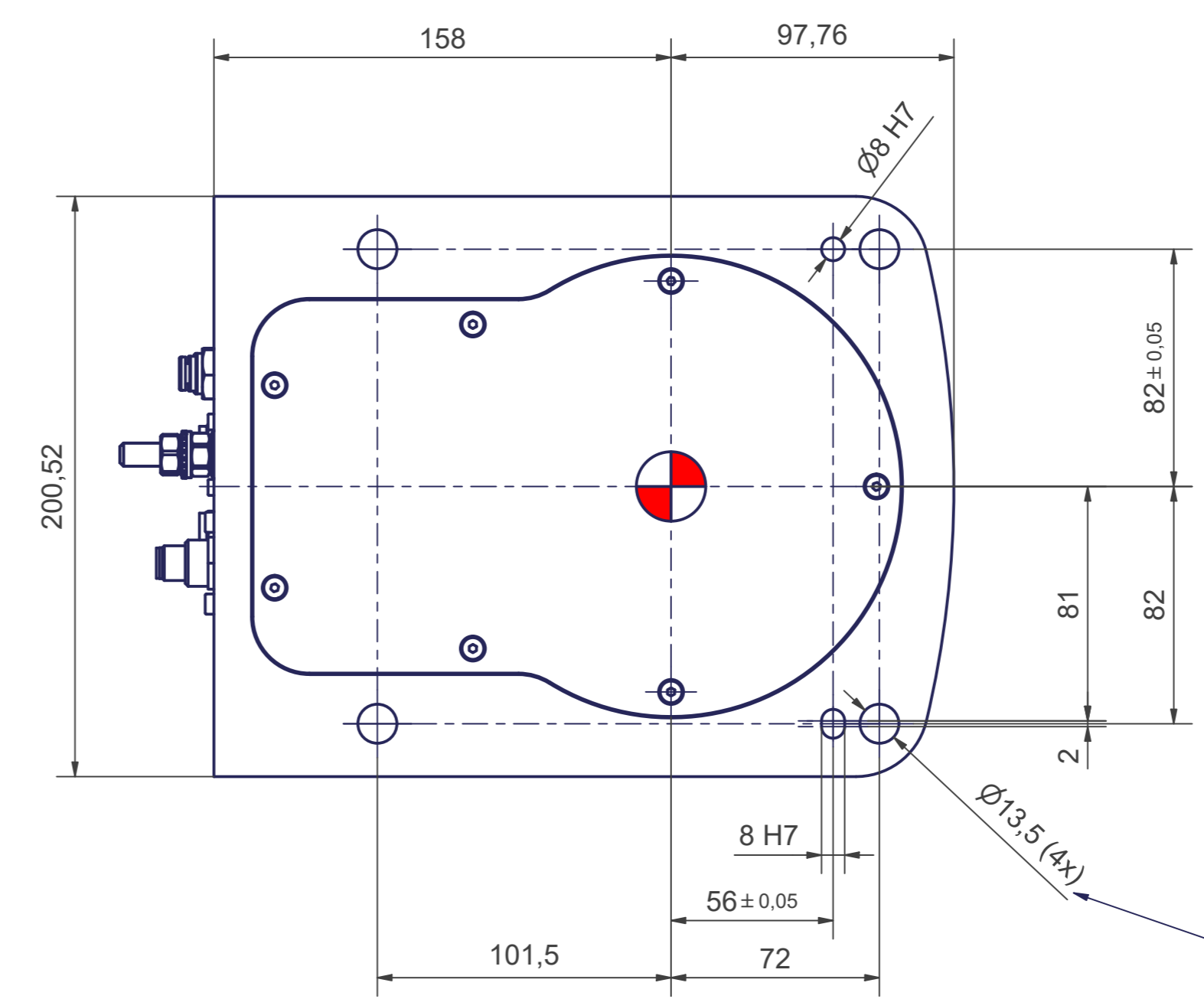


OPTIONAL:  
Tool-side change-adapter  
MT\_BGR00021657

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



C (1:2)  
Base Frame

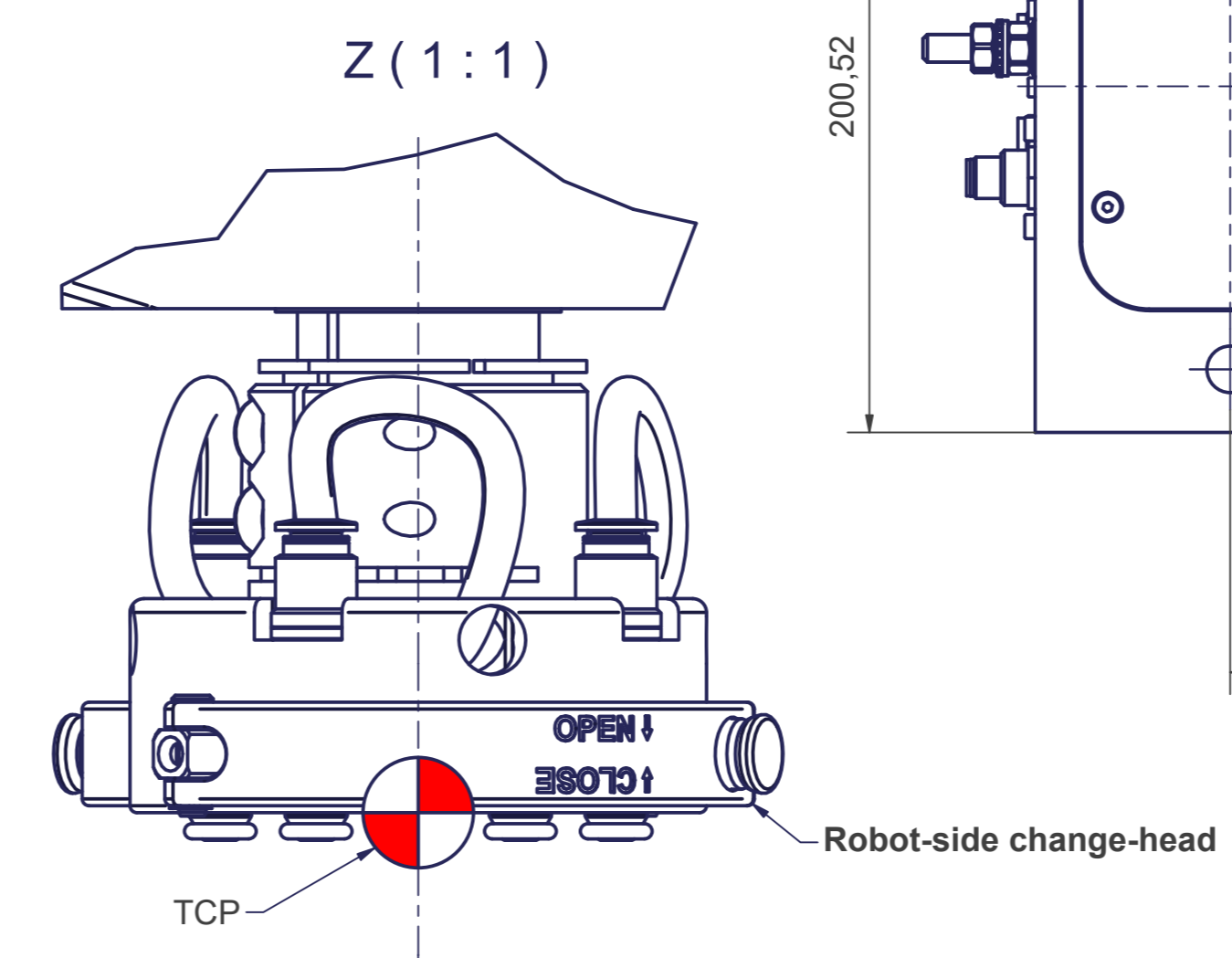


Incl. fourfold integrated media supply to the end effector (compressed air 6 bar / vacuum -850 mbar / D = 6mm d = 4mm)

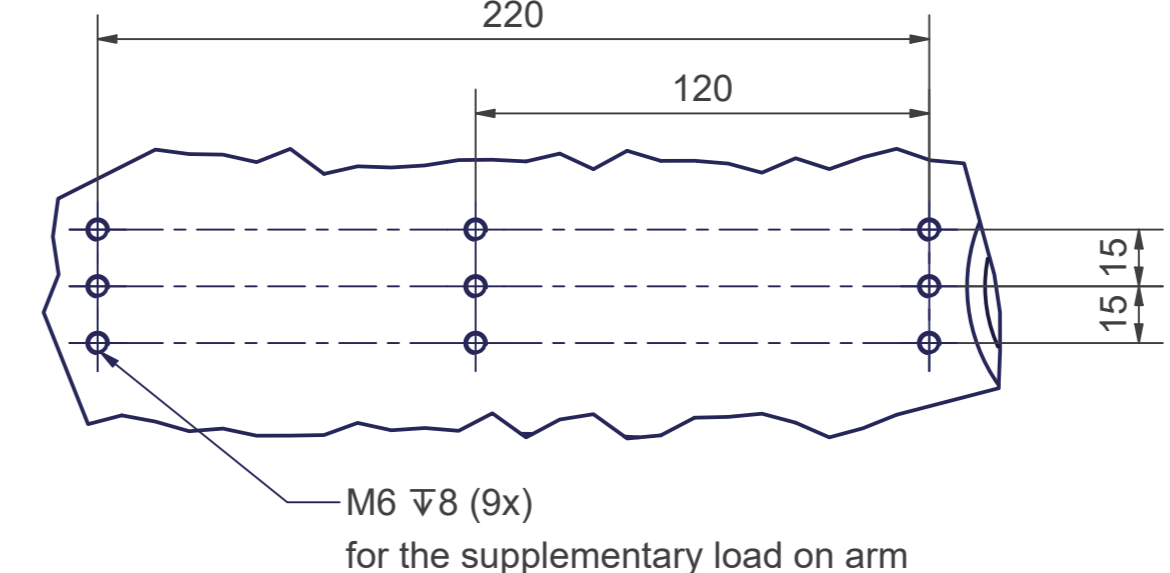
for screws M12 (DIN ISO 4014/4017-8.8) the tightening torque for these screws is 83 Nm (in steel frame).

sCara4-800-6kg		Motion	
Axes	4	Axes	Range fully usable
Payload (on TCP)	6kg	A1	± 135°
Reach	800 mm	A2	± 145°
Mounting position	Floor, ceiling, wall	A3	+ 62 mm / + 262 mm
		A4	± 360°

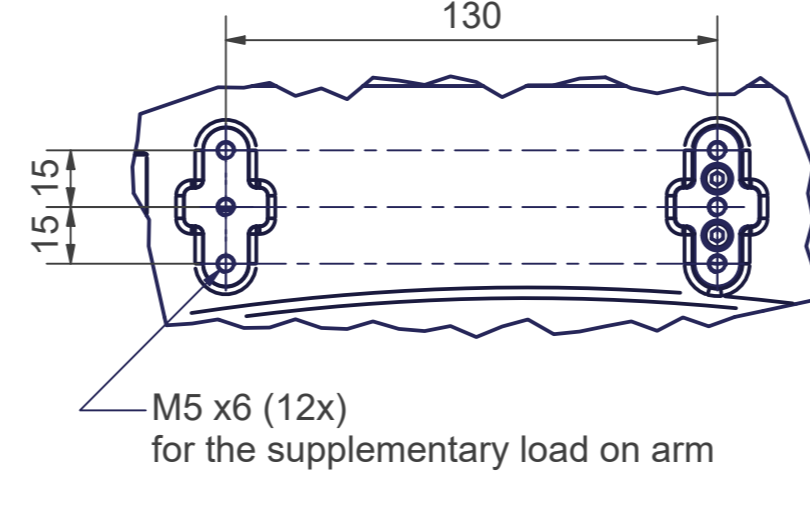
More information can be found in the document "calibration dimensions"



X (1:2)



Y (1:2)



The mark "A" and "B" of the Tool-side change-adapter must fit with the mark "A" and "B" on the Robot-side change-head.

OPTIONAL:  
Tool-side change-adapter  
MT\_BGR00021657

Push button, for example to be able to release the motor brakes (details for connection see table "PIN assignment")

Connecting dimensions, valid for article number: AT\_00024-ATS

OPTIONAL:  
**Tool-side change-adapter MT\_BGR00021657**

**Bellows MT\_BGR00104375**

kg	⚡	⊙
m=	kg	A
proj. storage surface =	m²	P=
		U=
		Imax=
		V / Hz / Ph
		A
		p=
		ψ=
		bar
		l/min