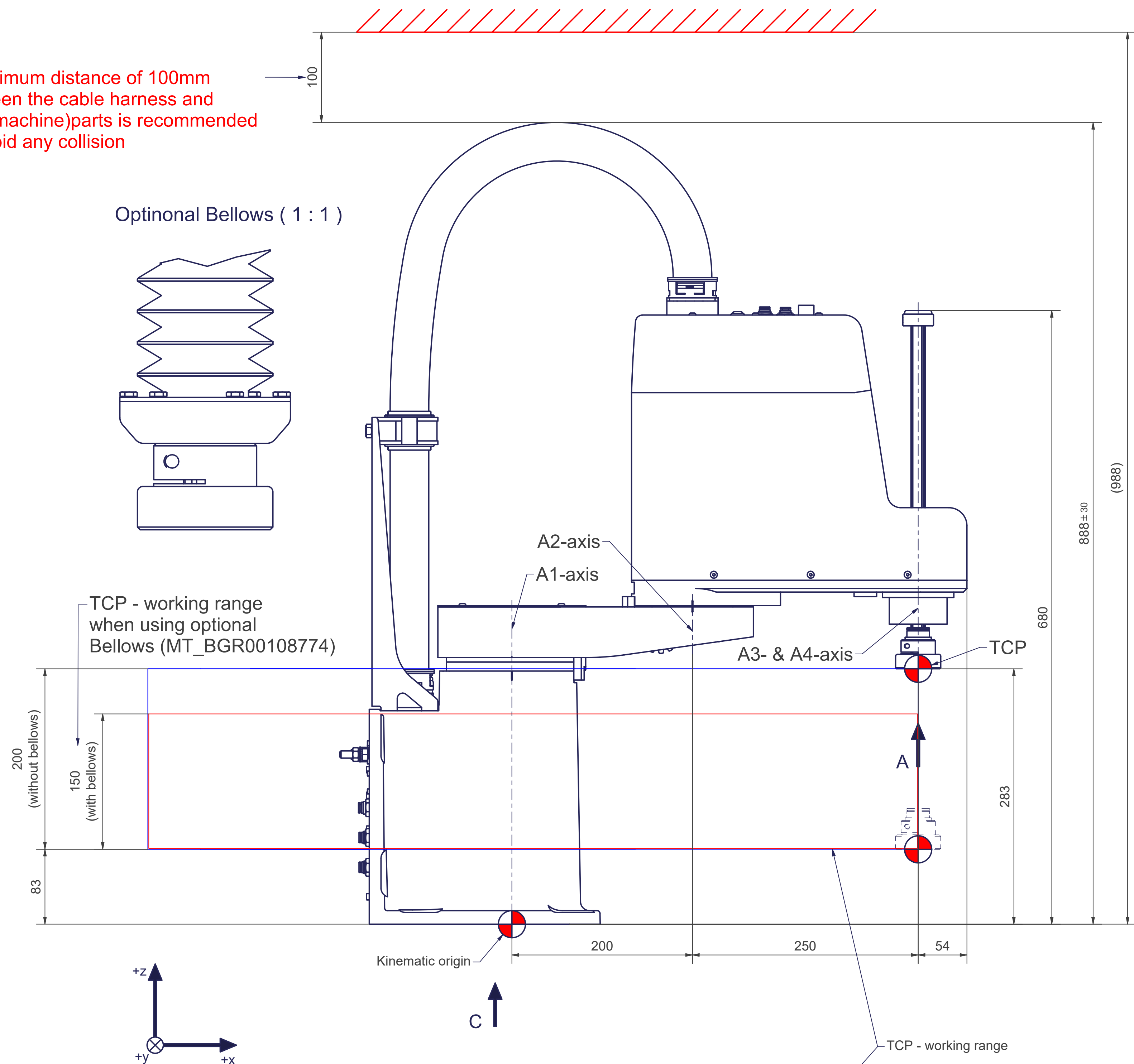
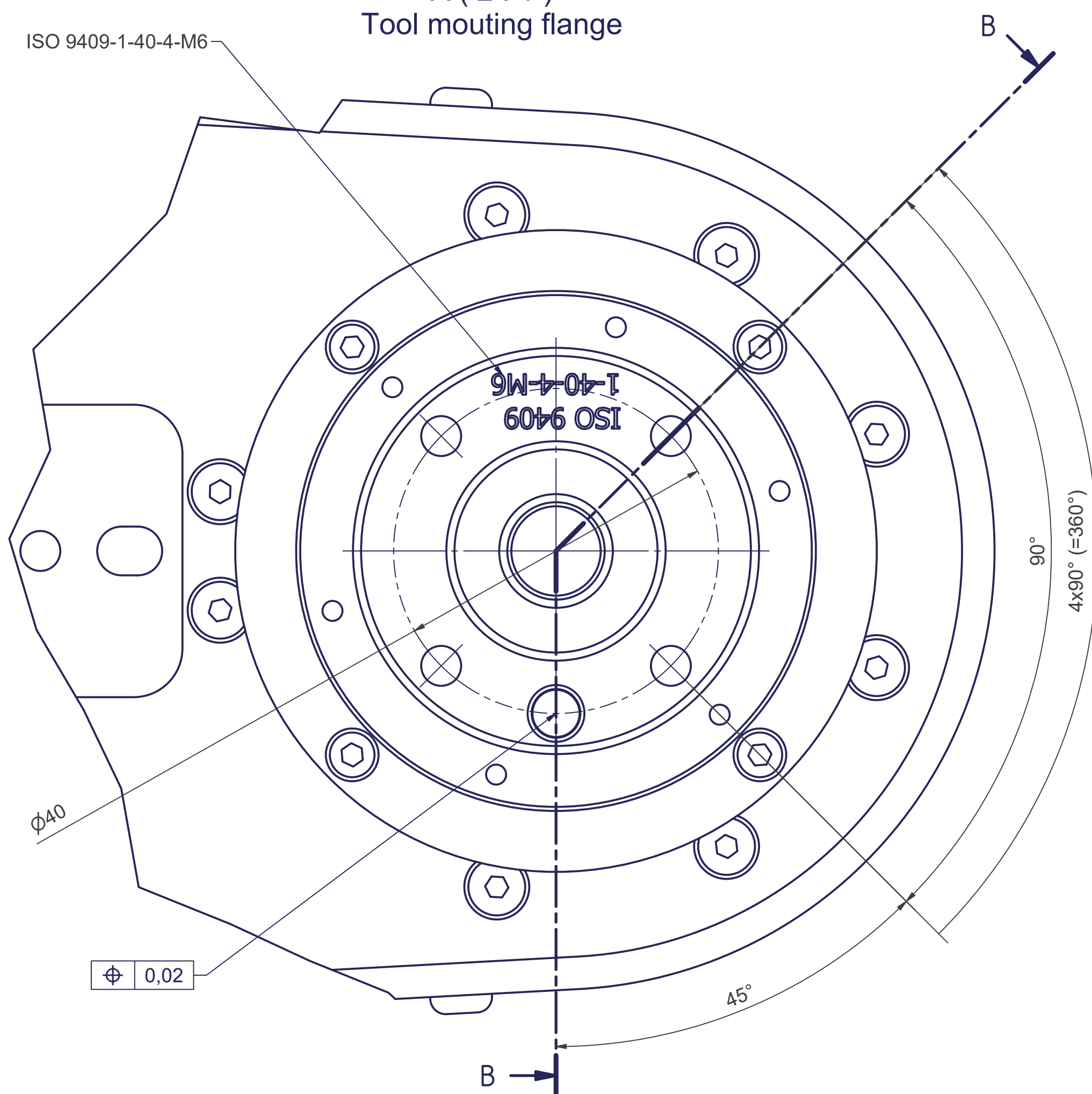


A minimum distance of 100mm between the cable harness and any (machine)parts is recommended to avoid any collision

Optional Bellows (1 : 1)



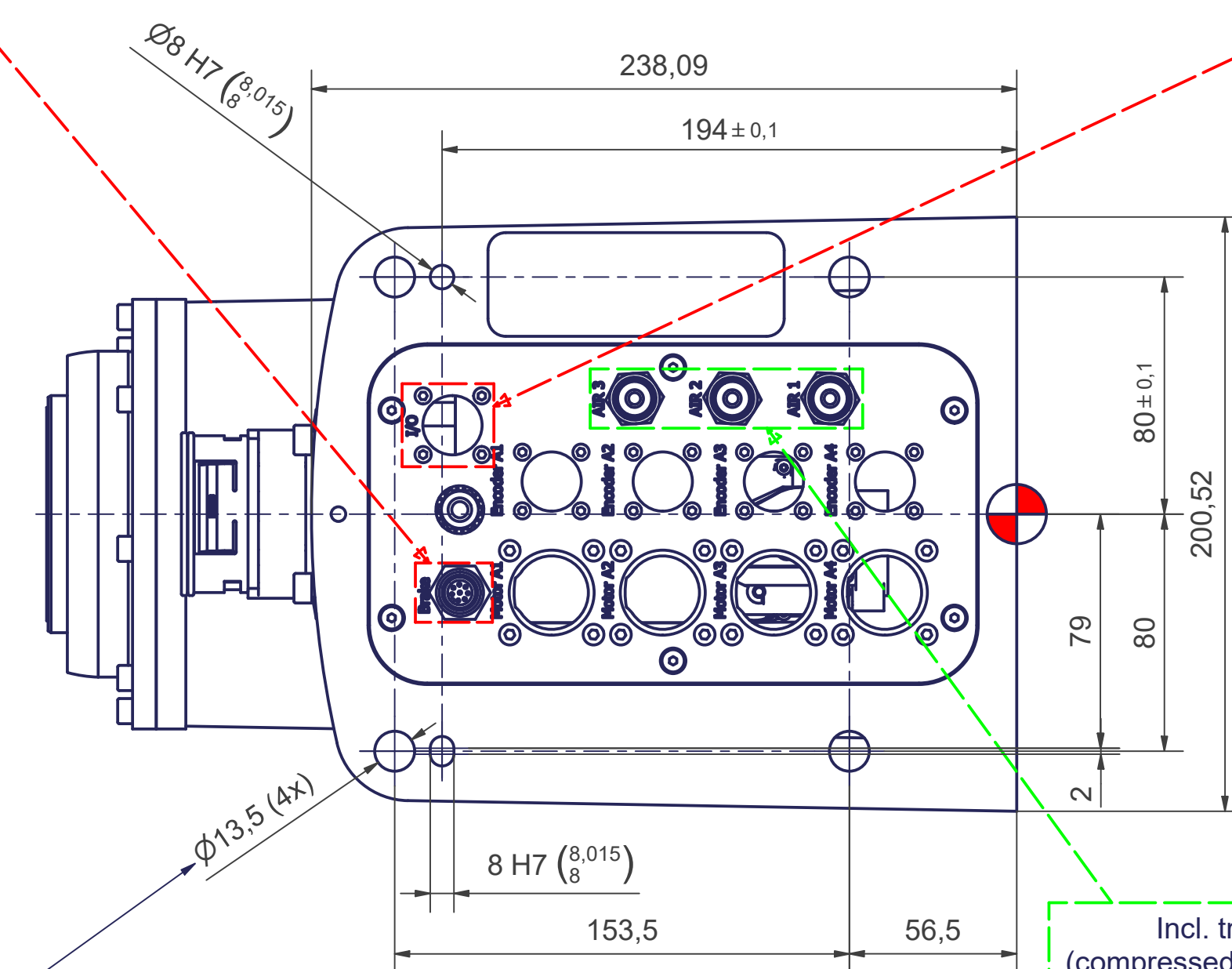
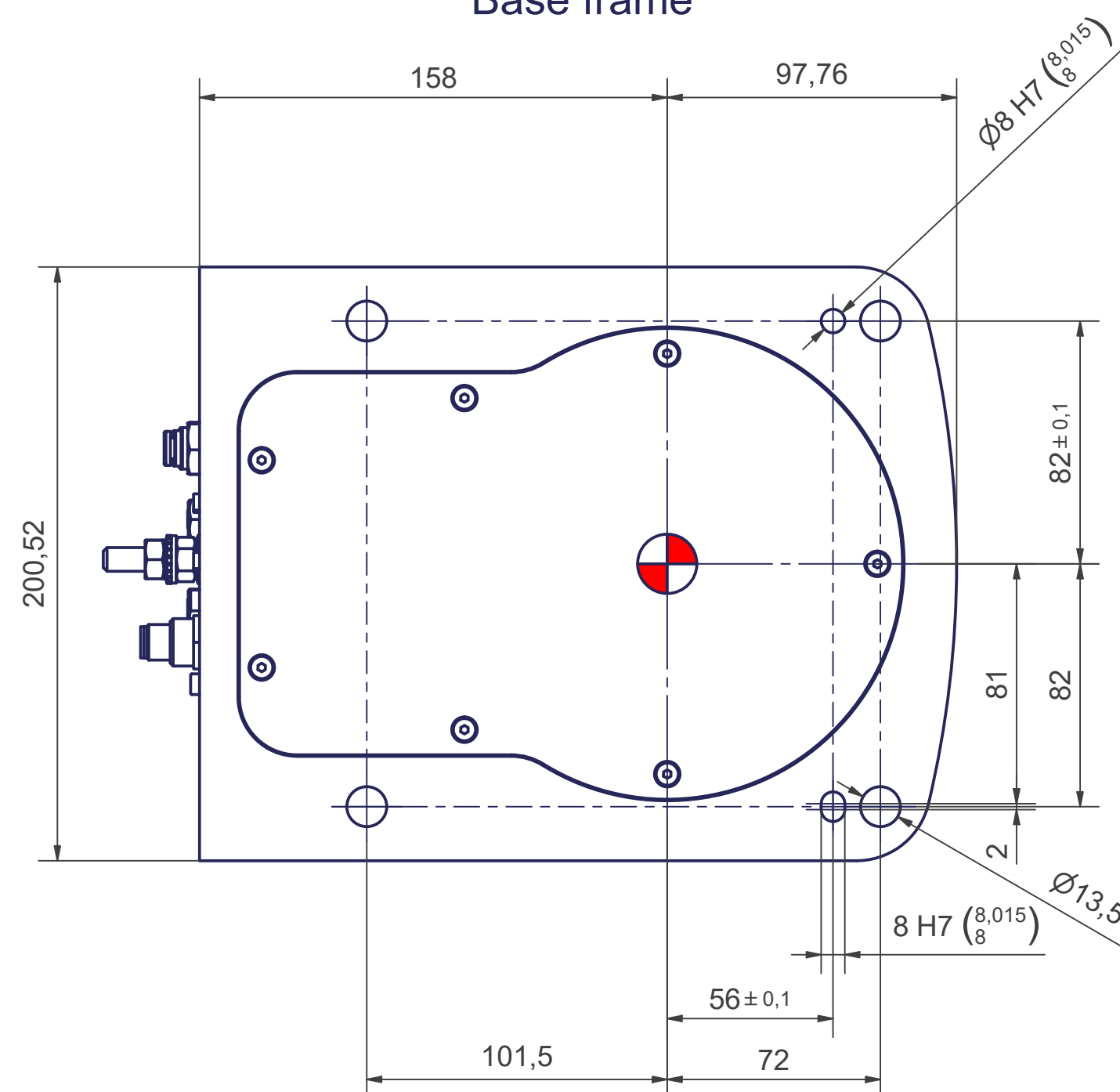
A (2 : 1)
Tool mouting flange



PIN assignment by autonox Robotics

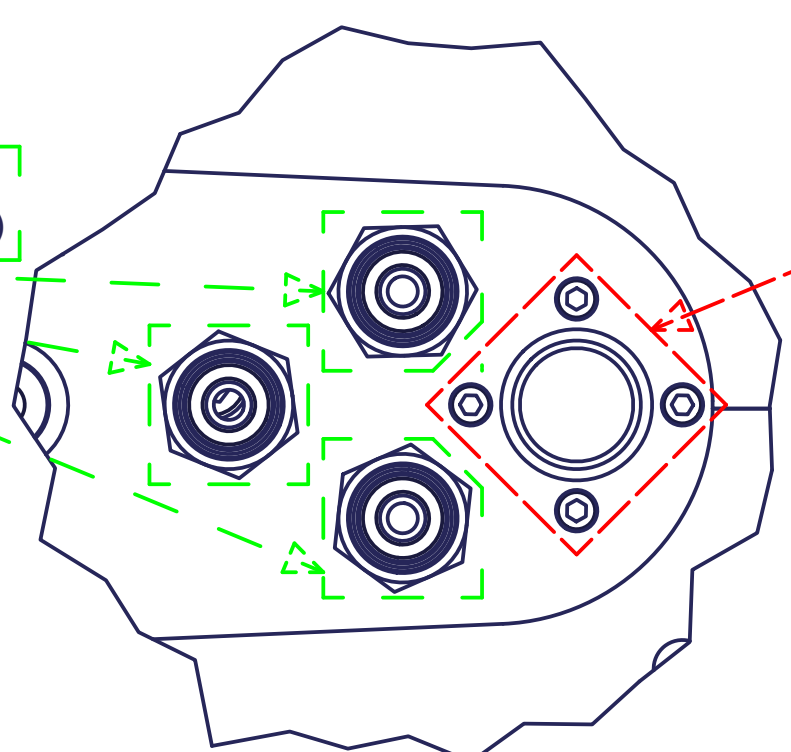
PIN number	Connection to	M12 8-pin male
1	Push button	5
2	Push button	7
3 to 8	Not connected	6, 4, 3, 1, 8, 2

C (1 : 2)
Base frame



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

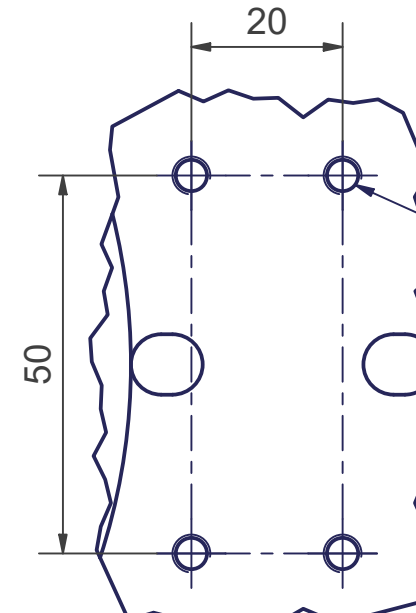
Z (1 : 1)



Incl. triple integrated media supply to the arm
(compressed air 8 bar / vacuum -1 bar / D = 6mm d = 4mm)

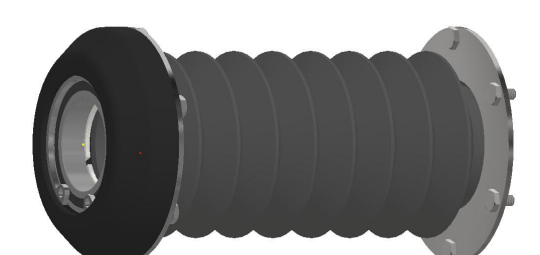
I/O cable:
Cross-section 12x0,34

X (1 : 1)

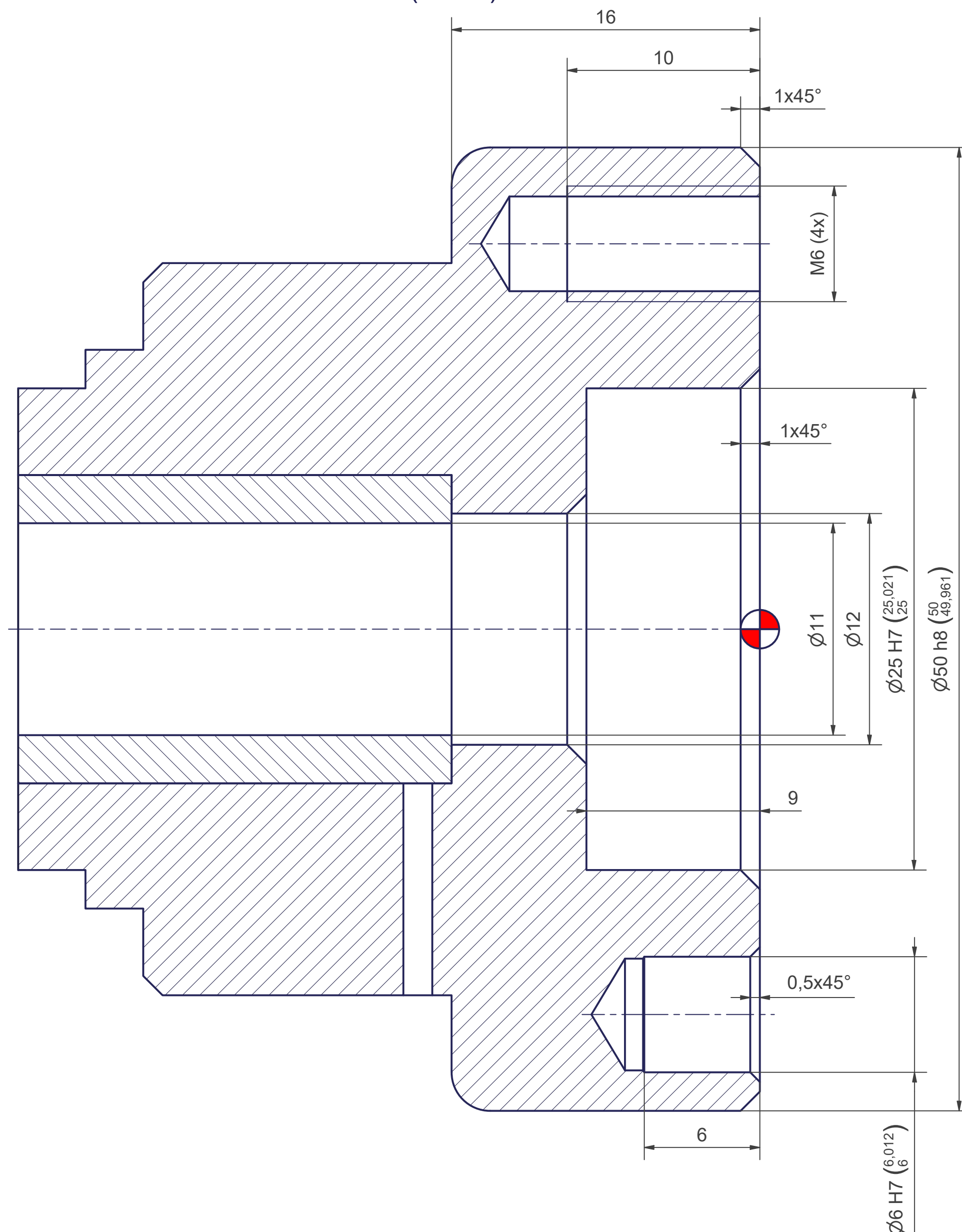


OPTIONAL:

Bellows MT_BGR00108774



B-B (5 : 1)



I/O Pin assignment:

Arm	Base frame
Interconector I-Tec serie 615, 12 pole EKUA001NN0033010300	Interconector I-Tec serie 615, 12 pole EKUA001NN0033010300
1 White	1 White
2 Brown	2 Brown
3 Green	3 Green
4 Yellow	4 Yellow
5 Grey	5 Grey
6 Pink	6 Pink
7 Blue	7 Blue
8 Red	8 Red
9 Black	9 Black
10 Violet	10 Violet
11 Grey-Pink	11 Grey-Pink
12 Red-Blue	12 Red-Blue

sCara4-450-1kg		Motion	
Axes	4	Axes	Range fully usable
Payload (on TCP)	1 kg	A1	± 140°
Reach	450 mm	A2	± 150°
Mounting position	Floor, ceiling, wall	A3	+ 83 mm / + 283 mm
		A4	Mechanical endless (*)

(*) Control system and cable routed through the spindle dependent.

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

Connecting dimensions, valid for article number: AT_00039

kg	A	bar
m=	kg	l/min
proj. storage surface =	m²	
First angle projection		
P=	KW	
U=	V / Hz / Ph	
Imax=	A	



AT_00039