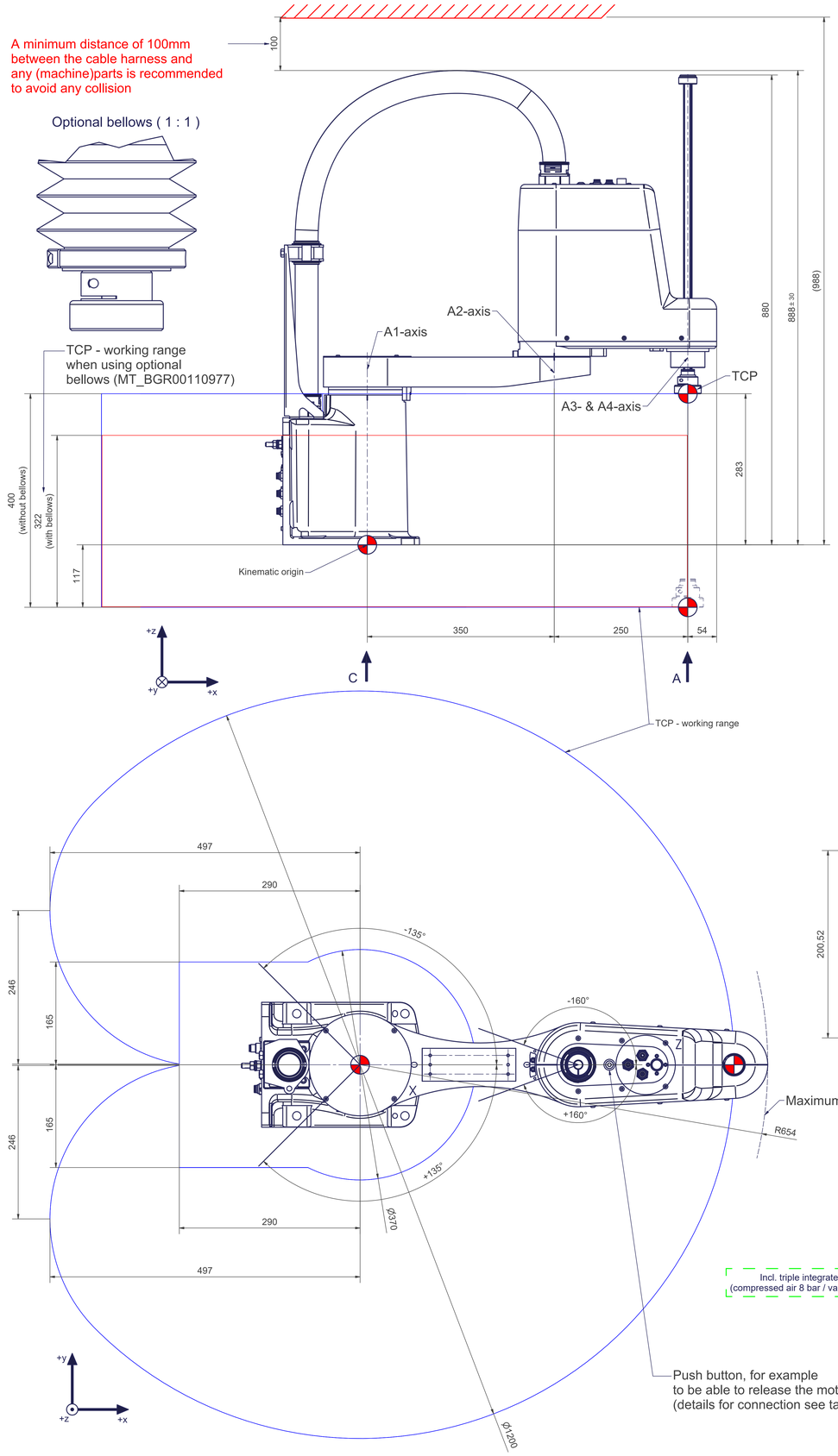
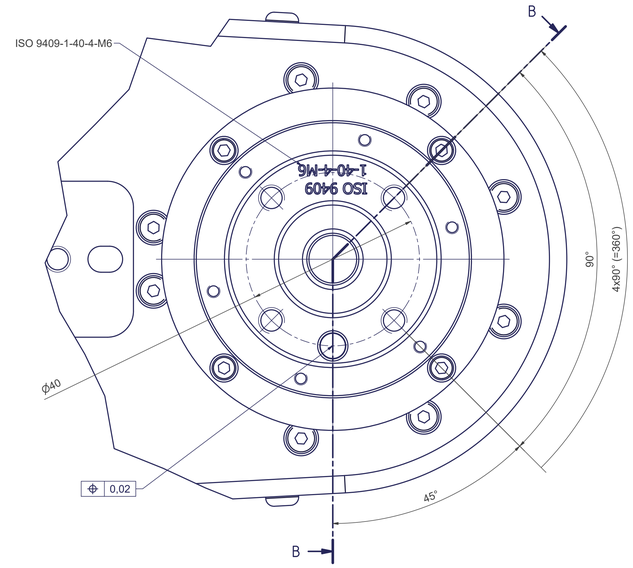
A minimum distance of 100mm between the cable harness and any (machine)parts is recommended to avoid any collision

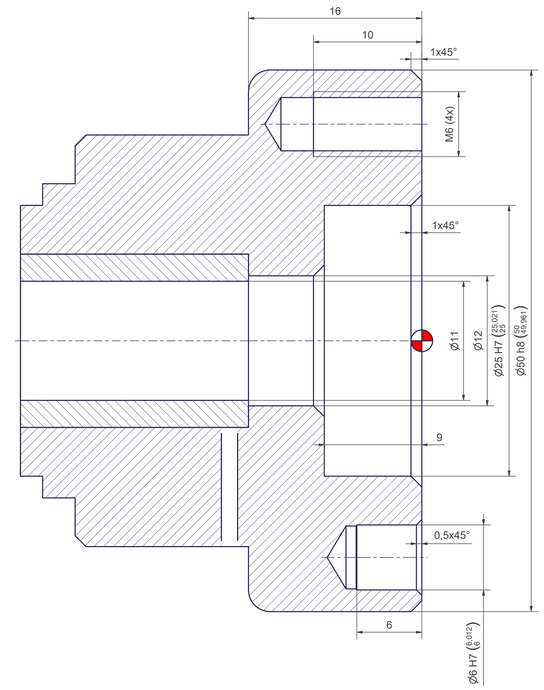
Optional bellows (1 : 1)



A (2 : 1)
Tool mounting flange



B-B (5 : 1)

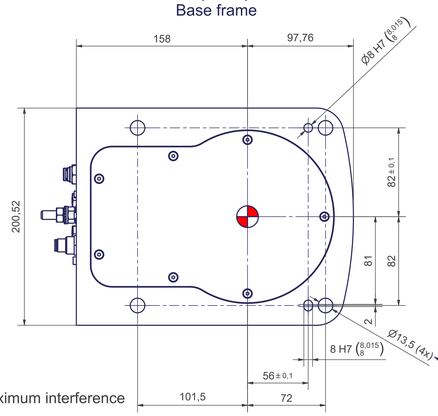


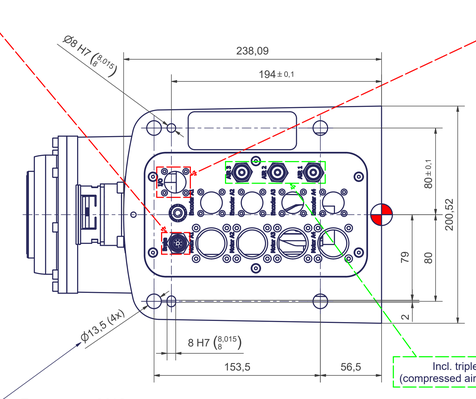
PIN assignment by autonox Robotics		
PIN number	Connection to	M12 8-pin male
1	Push button	
2	Push button	
3 to 8	Not connected	

I/O Pin assignment:

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

C (1 : 2)
Base frame





Incl. triple integrated media supply to the arm (compressed air 8 bar / vacuum -1 bar / 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).

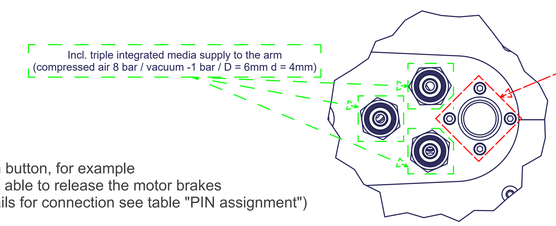
sCara4-600-1kg	
Axes	4
Payload (on TCP)	1 kg
Reach	600 mm
Mounting position	Floor, ceiling, wall

Motion	
Axes	Range fully usable
A1	± 135°
A2	± 160°
A3	- 117 mm / + 283 mm
A4	Mechanical endless (¹)

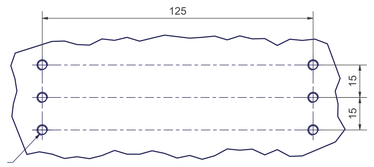
(¹) Control system and cable routed through the spindle dependent.

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

Z (1 : 1)



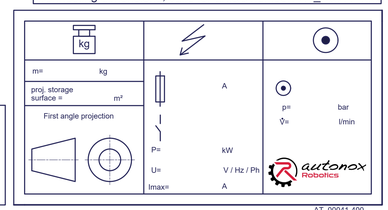
X (1 : 1)



M5 ↧7,5 (4x)
for the supplementary load on arm

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_00041-400



OPTIONAL:

Bellows MT_BGR00110977

AT_00041-400