



QuadProfile

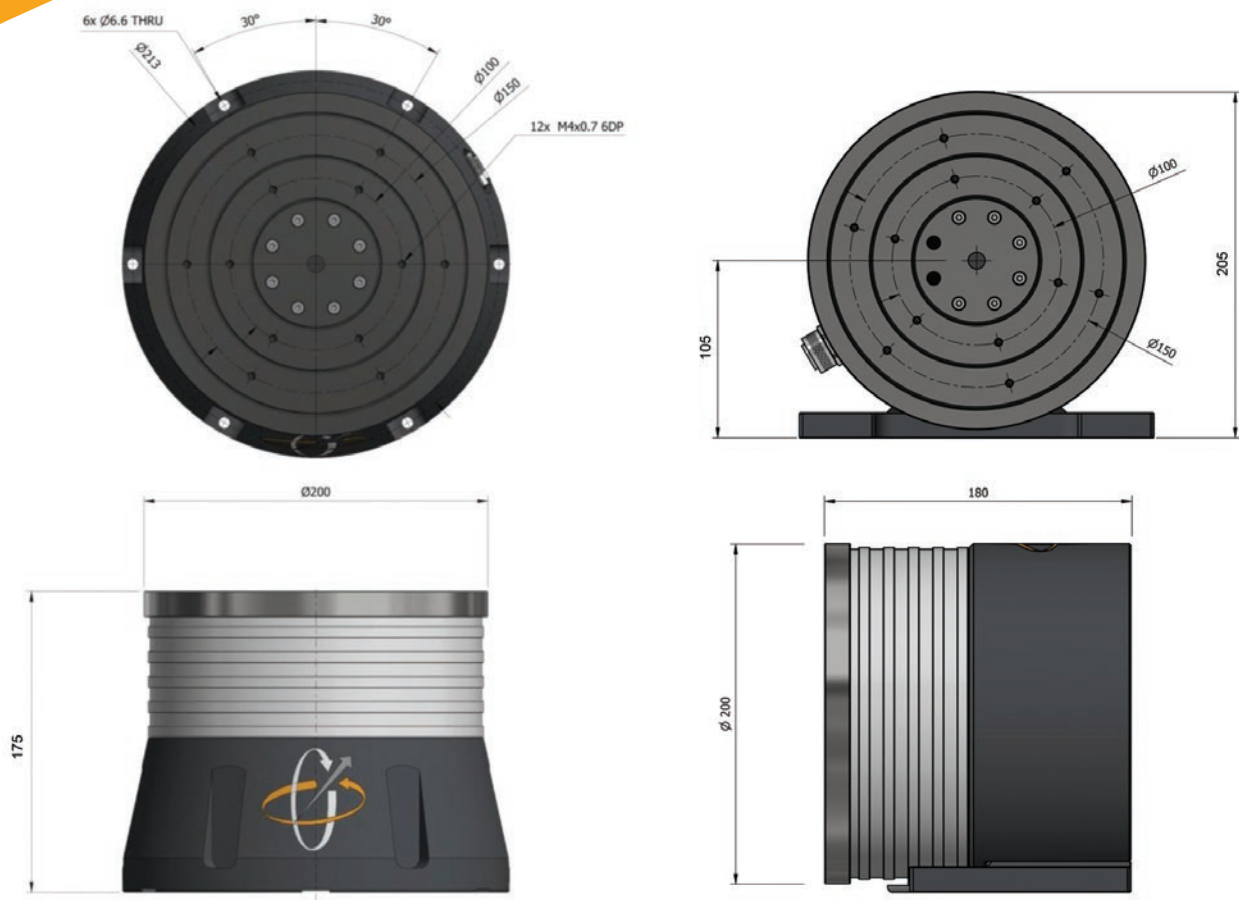
Additional Rotary Axis for High Precision Co-Ordinate Measurement Machines. All Quadrant products are ISO 10360 part 3 compliant.

Precision rotary axes specifically developed to increase the flexibility, productivity and efficiency of your CMM.

The smallest rotary table in the Quadrant range that delivers high speed measurement of smaller parts such as inner engine blades and gears.

Measurement Capacity:

- Size Ø200mm
- Vertical or Horizontal axis
- Load capacities up to 100kgs or 20Nm
- Rotation speed 10 rpm
- Zero backlash drive
- Angular accuracy 2 arc seconds
- Angular repeatability 0.5 arc seconds



QuadProfile

Technical Data	QD	Units	QuadProfile 200			
			Vertical Axis		Horizontal Axis	
Load Capacity		kgs	100			
Maximum Tilt Moment		Nm	20			
Maximum Acceleration @ Min Inertia		Rad/s ²	10			
Maximum Acceleration @ Max Inertia			5			
Maximum Polar Inertia		kgm ²	0.5			
Angular Positioning Accuracy	12-09	Arc seconds	2	10	2	10
Coning of Table Axis	12-35		+/-0.5			
Angular Resolution (Options Available)	12-56		0.18 (x400)			
Angular Repeatability	12-57		0.5	1	0.5	1
Drive Ratio			160:1			
Maximum rpm		rpm	10			
Rotation Error of Table Top	12-06	mm	0.005			
Flatness of Table Top	12-07		0.005			
Parallelism of Table Top To Base	12-08		0.008	N/A		
Radial Runout of Table Axis	12-10		0.001			
Axial Runout of Table Axis	12-11		0.001			
Squareness	12-37		N/A	N/A		