

Motorized Rotation Stage



Specifications:-

Sr. No	Parameters	Values
1	Model No.	MRS-100
2	Pay-Load	Axial 50 kg Radial : 5 kg
3	Travel	360 degree continues
4	Gear Ratio (reduction)	180:1
5	Rotation of top disc / rotation of worm shaft	2 degree
6	Absolute positioning accuracy	0.1 degree
7	Repeatability	0.05 degree
8	Resolution	0.005 degree (Half step) 0.000625 degree (micro step -1/16)
9	Maximum speed	8 degree / sec (4 rps)
10	Feedback	Optional (on request)
11	Rotating disc diameter	100mm
12	Mounting holes	M6 Tapped holes
13	Through diameter	MRSC-100 : Dia-30mm MRS-100 : Flat surface M6 mounting holes
14	Construction	Aluminum alloy
15	Finish	Black anodized
16	Rotary stage bearing system	Double bearing system including preloaded roller thrust bearing
17	Drive	Precision worm gear and shaft assembly
18	Actuator	Stepper motor
19	Limit switch	Optical home sensing limit switch
20	Connector	Brass connector with junction box