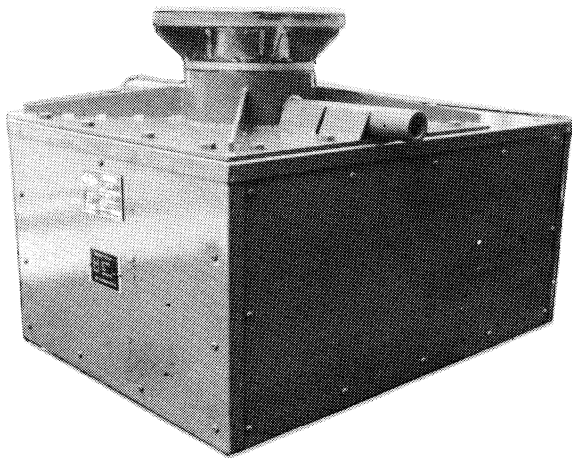


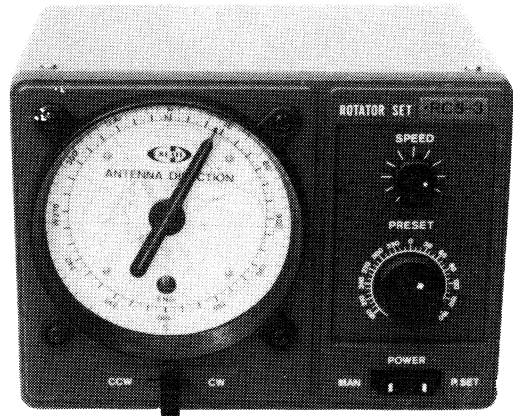


Antenna Rotator System

RC70 RC100 & RC20



ROTATOR
RC60, RC100



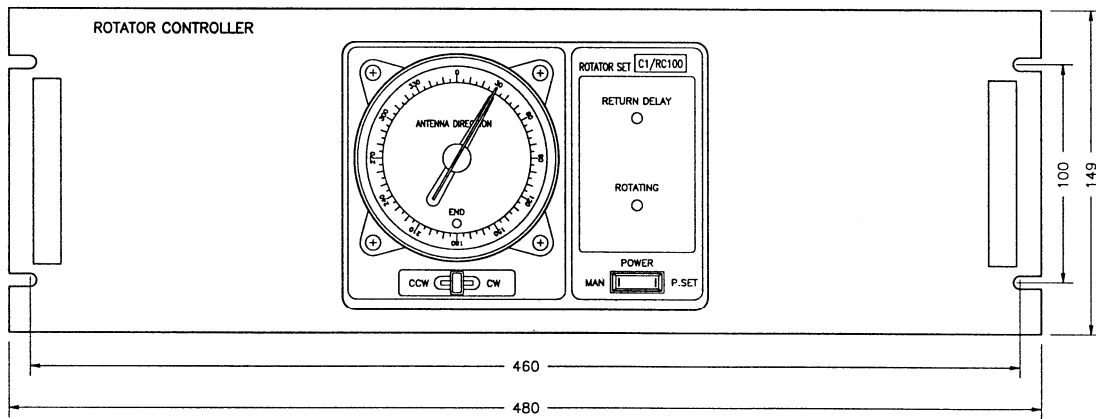
ROTATOR CONTROLLER

The RC series rotator system is designed for heavy duty applications where medium to high rotating/braking torques are required and also high vertical loads are imposed as well. Provided with two points trunnion mounting fixture, this rotator may be easily adapted to the most applications. The output shaft is 8 bolts flange mount casting. The rotator drive shaft will concentrically accommodate coaxial transmission lines up to 5.5 to 14 cm diameter with provisions for rotary joints at the base which are available as an optional accessory. This system is supplied complete with rotator pedestal and azimuth indicator/control unit. Model RCxx-M is also available other than the RCxx series. The RCxx-M is able to remotely control the rotator through the radio communication equipments or through the telephone line.

SPECIFICATIONS

Model	RC20	RC70	RC100	RC100B
Rotating Torque	50 kg·m	100 kg·m	300 kg·m	300g·m
Braking Torque	400 kg·m	500 kg·m	800 kg·m	1000 kg·m
Maximum Vertical Load	1500 kg	5000 kg	7000 kg	8000 kg
Rotation Speed (50 Hz)	1 RPM	0.8 RPM	0.8 RPM	0.8 RPM
Forward-Reverse Delay	3 sec.	3 sec.	5 sec.	5 sec.
Power Requirements, Single PH. 50~60Hz.	115, 220, 240 VAC. ±15V		230 VAC. ±15V	
Drive Type	Gear & Chain			
Total Reduction	1430:1	1800:1	1800:1	1800:1
Control Accuracy	±5 degree	±5 degree	±5 degree	±5 degree
Operating Temperature	- 30° C ~ +50° C.			
Inside Diameter/Rotary Shaft	56 mm	90 mm	135 mm	135 mm
Control Cable	8-core	8-core	8-core	8-core
Weight, Net/Rotator	70 kg	170 kg	240 kg	290 kg

Electrical and mechanical specifications for the model RCxx-M are the same as above.



NOTES: DIMENSIONS ARE MILLIMETERS

Indicator Control C1/RC100 Rack Mount Type

DWGR.051

Creative Design Corp.

4-8 Asano-cho Kawasaki-ku Kawasaki 210-0854 Japan

Tel: (81)-44-333-6681/Fax: (81)-44-333-6598