

Mounting the Rotator and Antenna

INSTALLATION OF THE G-1000DXC ROTATOR AND ANTENNA ON TOWER

English

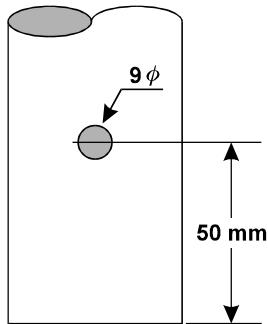


Figure 1

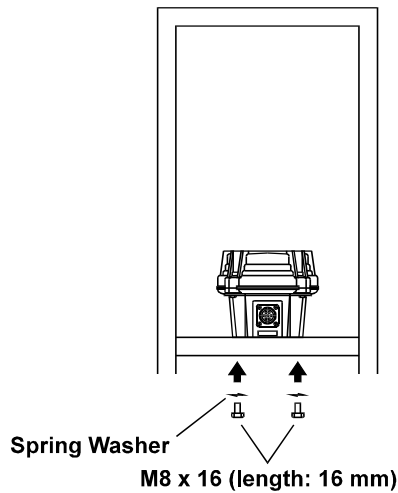


Figure 2

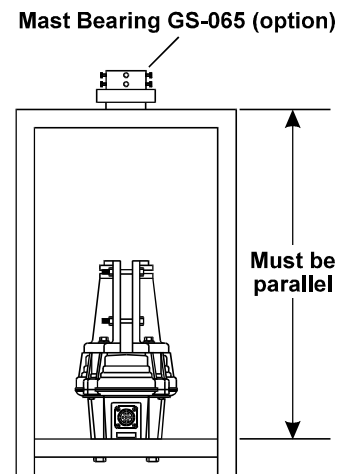


Figure 3

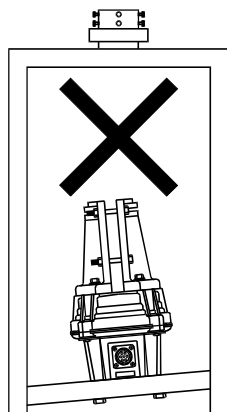


Figure 4

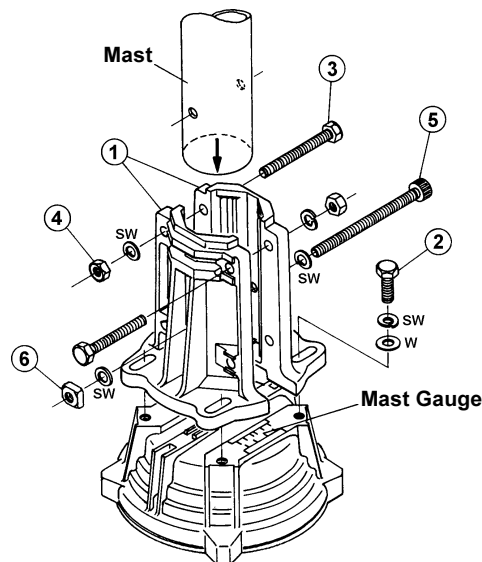


Figure 5

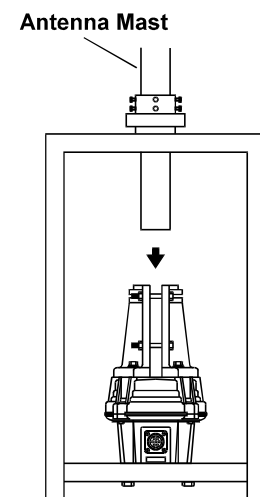


Figure 6

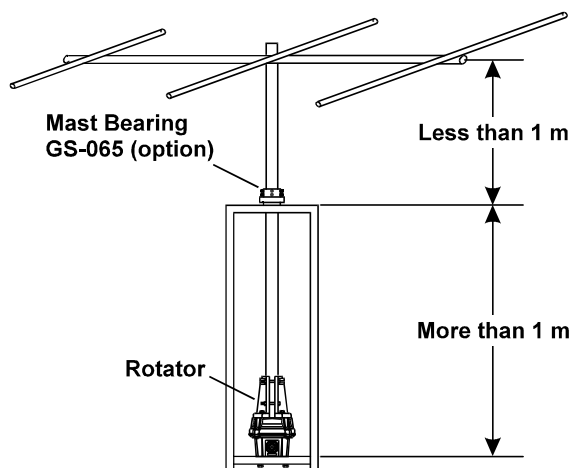


Figure 7

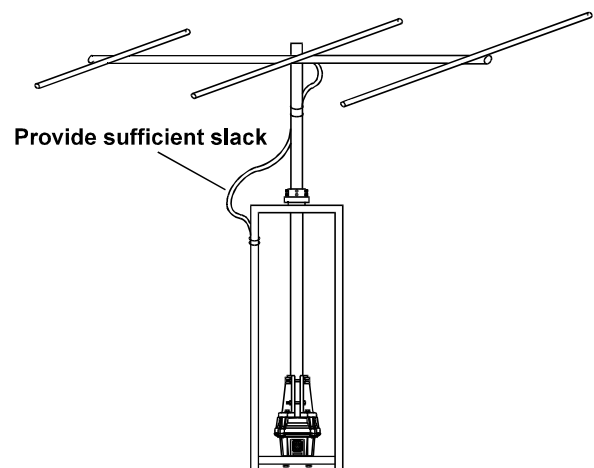


Figure 8

Specifications

quickly unplug the control cable from the rear of the rotator's controller box, and disconnect the AC cable from the wall outlet. Disconnect the coaxial cable(s) from the antenna(s) as well. *Do this only if the lightning is not in your immediate area, as you could be killed instantly if lightning should strike while you are holding a cable.*

If you have any doubts about your ability to install this rotator safely, enlist the services of a professional antenna installation company.

	G-1000DXC	G-2800DXC
Power Supply Voltage:	220 – 240 VAC, 50 – 60 Hz	220 – 240 VAC, 50 – 60 Hz
Power Supply Current Consumption:	0.5 A	0.7 A
Rotor Voltage:	11 – 24 VDC	11 – 24 VDC
360° Rotation Time (Non Loaded):	100 ± 10 sec to 40 ± 5 sec (Variable)	120 ± 10 sec to 50 ± 5 sec (Variable)
Rotation Range:	450° ± 3°	450° ± 3°
Rotation Torque (@230 VAC):	600 to 1,100 kgf-cm	800 to 2,500 kgf-cm
Braking Torque:	6,000 kgf-cm	25,000 kgf-cm
Maximum Vertical Load:	200 kg or less (continuous) 800 kg (momentary)	300 kg or less (continuous) 1,200 kg (momentary)
Mast Outside Diameter:	φ38 to φ63	φ48 to φ63
Braking Type:	Mechanical and Electrical stoppers	Mechanical and Electrical stoppers
Antenna K Coefficient:	230 or less	950 or less
Wind Loading Area:	0.75 m ² x 0.6 m or less (Pole Type) 2.2 m ² or less (Tower Type)	1 m ² x 0.8 m or less (Pole Type) 3 m ² or less (Tower Type)
Maximum Continuous Duty:	3 minutes	3 minutes
Operating Temperature Range:	0 °C to +40 °C (Controller) –20 °C to +40 °C (Rotator)	0 °C to +40 °C (Controller) –20 °C to +40 °C (Rotator)
Rotator Dimensions:	φ186 x 300 mm	φ200 x 345 mm
Rotator Weight:	Approx. 3.6 kg	Approx. 6.5 kg
Controller Dimensions:	200 (W) x 130 (H) x 193 (D) mm	200 (W) x 130 (H) x 193 (D) mm
Controller Weight:	Approx. 2.8 kg	Approx. 3.8 kg

This equipment complies with the following standard:

EMC Directive 89/336/EEC: EN50081-1 & EN50082-1

LVD 73/23 EEC: EN60065

Specifications are subject to change without notice.

