

# ROTATORS



**G-2800DXA/DXC**

Extra Heavy Duty  
Supplied Accessories:  
40 m Control cable with Connector\*



**G-1000DXA/DXC**

Medium / Heavy Duty

**G-800DXA**

**G-800SA**  
Medium Duty



**G-450ADC/CDC**

Light Duty



**G-5500DC**

Azimuth-Elevation Rotator

Models	G-2800DXA <sup>1*</sup> G-2800DXC <sup>2*</sup>	G-1000DXA <sup>1*</sup> G-1000DXC <sup>2*</sup>	G-800DXA <sup>1*</sup>	G-800SA	G-450ADC G-450CDC	G-5500DC
<b>Recommended Application</b>	Heavy-duty applications. Recommended for in-tower mounting.	Medium/heavy-duty for large HF arrays.	Medium-duty, for medium/large HF/VHF arrays.		Light to medium duty. Low price, perfect entry level rotator.	Azimuth-Elevation Combination for space communication.
Wind Load	3 m <sup>2</sup>	2.2 m <sup>2</sup>	2 m <sup>2</sup>	2 m <sup>2</sup>	1 m <sup>2</sup>	AZ: 2 m <sup>2</sup> EL: 1 m <sup>2</sup>
K-Factor <sup>3*</sup>	950	230	180	180	100	AZ: 200 EL: 80
Stationary Torque	25,000 kg/cm	6,000 kg/cm	4,000 kg/cm	4,000 kg/cm	3,000 kg/cm	AZ: 4,000 kg/cm EL: 4,000 kg/cm
Rotation Torque	2,500–800 kg/cm	1,100–600 kg/cm	1,100–600 kg/cm	800 kg/cm	800 kg/cm	AZ: 600 kg/cm EL: 1,200 kg/cm
Max. Vert. Load	300 kg	200 kg	200 kg	200 kg	100 kg	AZ: 200 kg EL: 30 kg
Max. Vert. Intermittent Load	1,200 kg	800 kg	800 kg	800 kg	300 kg	AZ: 800 kg EL: 100 kg
Backlash	0.2°	1°	1°	1°	0.5°	AZ: 1° EL: 1°
Mast Size	48–63 φ	38–63 φ	38–63 φ	38–63 φ	32–63 φ	AZ: 38–63 φ EL: 32–43 φ
360° Rotation Time	50–120 sec	40–100 sec	40–100 sec	55 sec	56 sec	60 sec
180° Elevation Time	N/A	N/A	N/A	N/A	N/A	65 sec
Boom Diameter	N/A	N/A	N/A	N/A	N/A	EL 32–43 φ
Direct control from YAESU HF radio <sup>4*</sup>	○	○	○	N/A	N/A	N/A
PC control <sup>5*</sup>	○	○	○	N/A	N/A	○
Rotator Diameter x Height	200 φ x 345	186 φ x 300	186 φ x 300	186 φ x 300	186 φ x 263	186 φ x 254(W) x 500(H)
Rotator Weight	6.5 kg	3.5 kg	3.5 kg	3.5 kg	3.2 kg	9 kg
Cable Requirement	6	5	5	5	4	5 x 2
Supply AC Voltage	DXA: 117/220 V DXC: 220 V (CE)	DXA: 117/220 V DXC: 220 V (CE)	117/220 V	117/220 V	ADC: 117/220 V CDC: 220 V (CE)	117/220 V

\*1: USA version only

\*2: On models with "DXA/DXC" suffix, rotation speed and torque will vary with the speed control setting.

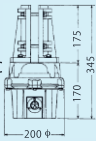
\*3: K-Factor: Multiply turning radius times weight; add K-Factor for each antenna in "Christmas Tree" installations.

\*4: Depending on HF radio, please refer to catalog of YAESU HF radio.

\*5: Requires optional GS-232B.

## Rotator Unit Dimensions

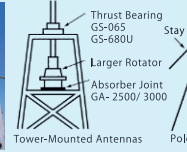
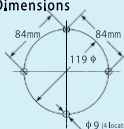
G-2800DXA/DXC



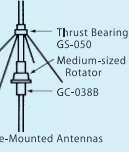
G-1000DXA/DXC  
G-800DXA  
G-800SA



## Rotator Attachment Dimensions



Tower-Mounted Antennas



Pole-Mounted Antennas



## OPTIONS



● **GS-232B**  
Computer Controller for all DXA/DXC Series and G-5500DC Rotators



● **GS-680U**  
Universal Bearing



● **GS-065**  
Thrust Bearing



● **GS-050**  
Thrust Bearing



● **GA-3000**  
Absorber Joint for G-2800DXA/DXC Rotators



● **GC-038B/G**  
Mast Clamp (Brown/Green) for G-1000DXA/DXC, G-800DXA, G-800SA, and G-450ADC/CDC Rotators



● **GC-048**  
Mast Clamp for G-2800DXA/DXC Rotators



● **GL-33**  
Mast Adjustment Plate

● **GA-2500**  
Absorber Joint for G-1000DXA/DXC, G-800DXA, G-800SA, and G-450ADC/CDC Rotators

### Control Cables

- 40 m Control cable with Connector
- 25 m Control cable with Connector