

# YAESU G-2800DXC

AZIMUTH ROTOR, INCL. CONTROLLER  
PRESET/VAR. OMLOOPSNELHEID  
VOOR GROTERE SYSTEMEN



Yaesu G-2800DXC azimuth rotor the newest top-of-the-line rotator is for extra-heavy-duty antenna installations. It includes "Auto Slow Start" and "Auto Slow Stop" features to avoid sharp jolts to the antenna array and tower. The G-2800DXA includes a rugged mast clamp. The rotor comes with a control unit equipped with preset and variable speed control. Total rotation range: 450°.

We recommend: Buy a rotator always one size larger than actually needed! Moreover, rotators and antennas are specified for a setup to a height of 18 meters above ground level. Over 18 meters, an additional load of 1 kgf / m (= 0.1 N / m) is to be added.

#### Specifications

Indicator scale : 450° Compass indicator scale (overlap 90°)  
Rotation speed 360° (sec) : 55 sec.  
Rotation torque : 800-2500 kgf/cm  
Brake torque : 25000 kgf/cm  
Max. wind load : 3,0 m<sup>2</sup> (inside tower mounted)  
Max. wind load : 0,75 m<sup>2</sup> (mast mounted L=60 cm)  
Max. vertical load : 300 kg  
Mast diameter : 48-63 mm  
Weight rotor unit : ca. 6,0 kg  
Rotor dia. : ø200 x 345 mm  
Dimensions control unit : W190 x H125 x D150 mm  
Weight control unit : ca.2,7 kg  
Control cable : 6-wire cable (not included)  
Connectors : not included

At great length of control cable voltage drop will occur and the motor becomes less powerful or will not start up at all. The gauge of the 7 wire cable to connect the control unit to the rotator depends upon the distance between the rotator and control unit. The longer the distance, the larger the diameter of the wire required.

To prevent interference in the control / display, control cable of rotors with preset / speed control circuitry from acting together with coaxial cable you should separate control cable at a distance of 20 cm when transmitting power is over 500 W.  
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