

WIND TURBINE SLIP RING (WP7347)

High-reliability, no maintenance pitch slip ring for Mitsubishi MWT62/1.0 wind turbine



WP7347 product is a direct fit replacement for the electric slip ring used in the Mitsubishi MWT62/1.0 wind turbine. This design utilizes Moog's high-reliability, no maintenance, fiber brush technology used in our other proven aftermarket pitch slip rings. The WP7347 will reduce nuisance communication issues, improve turbine performance and increase availability of the turbine power output.

Fiber Brush Technology

Over 30 years ago, Moog developed and patented the fiber brush technology that has become our standard in applications where performance matters. The patented approach has led to hundreds of designs for challenging applications which include satellite solar array drives, helicopter rotor, radar pedestals, medical CT systems, military electro optical systems and now wind turbines – just to name a few. The unique feature of the fiber brush technology is its ability to perform in environmental and operational extremes. In addition, the fiber brush has the capability to handle power while simultaneously transferring data signal. And all this performance while maintenance free for over 100 million rotations.

Direct Slip Ring Replacement

Moog's WP7347 pitch slip rings for the Mitsubishi MWT62/1.0 turbine is a direct replacement product. The design bolts to the existing system and provides connectors connect to the stationary cables.

Features:

- No maintenance required
- No lubrication required
- Direct bolt-in replacement
- Connecting umbilical harness cables
- Durable, black anodized housing

ADVANTAGES

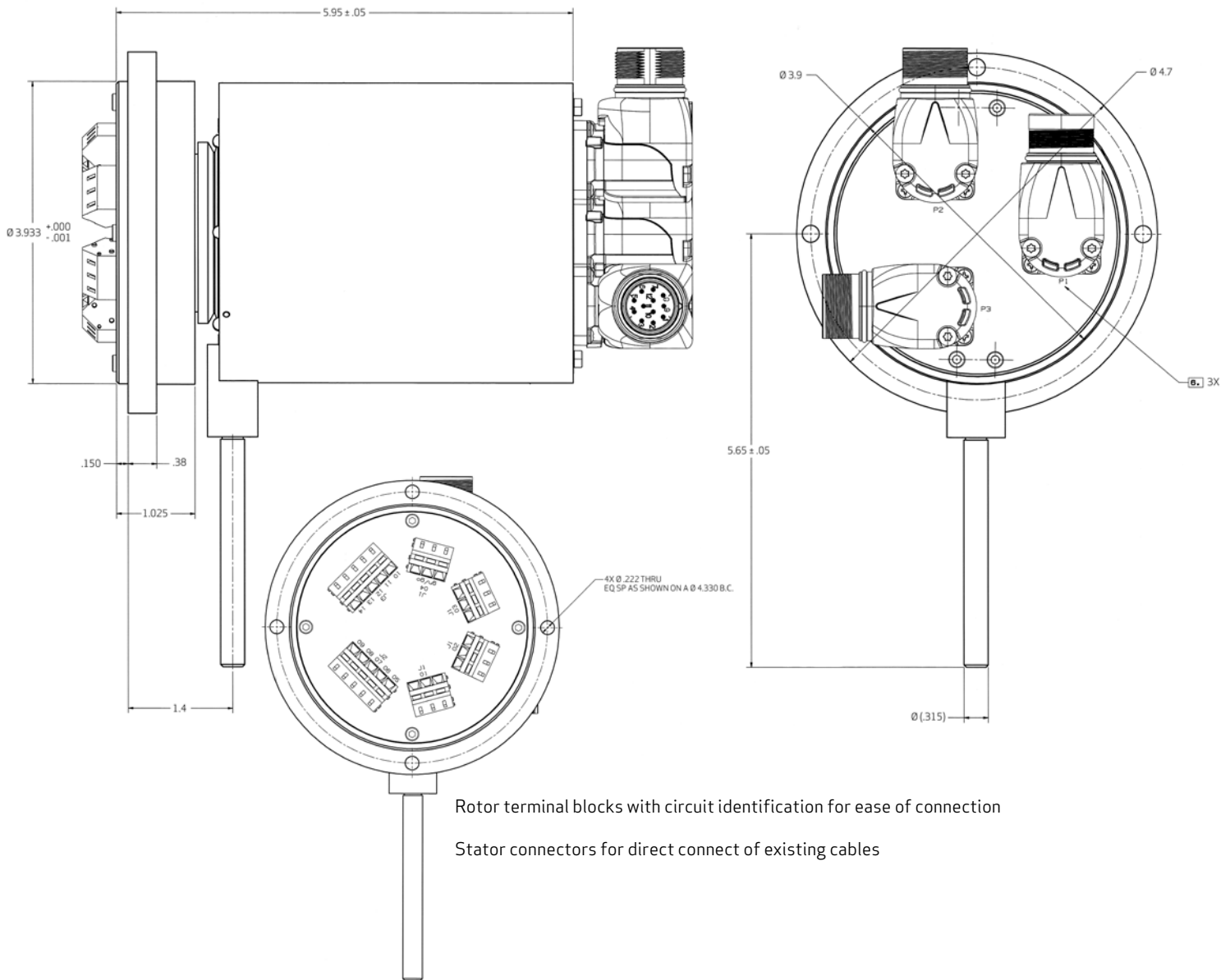
- Maintenance free, reduces the number of climbs
- Capable of 100+ Million rotation life
- Fiber brush technology used
- No lubrication required
- Wide operating temperature
- Lower life cycle cost
- High reliability



SPECIFICATIONS

TECHNICAL DATA

| Part number | Weight | Brush/Ring material | Brush/Ring life | Lubrication | Operating temperature | Housing |
|--|-----------------|---------------------|--------------------------|---------------|----------------------------------|------------------------|
| WP7347 Mitsubishi MWT62/1.0 | 1.6 kg (3.4 lb) | Silver | >100 million revolutions | None required | -40 to +80°C (-104 to +176°F) | Black anodize aluminum |



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WP7347 Slip Ring Technical Data Sheet
MS3329L 03/19

For product information, visit
www.moog.com

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information and is subject to change at any time.
Specifications for specific systems or applications
may vary.

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