



**Product**

## Modified GFR Clutch

**Application**

## Coast Guard Response Boat

**Highlights**

- Modified GFR ball bearing supported, ramp & roller clutch
- Plated for enhanced corrosion resistance

Formsprag Clutch was selected to provide an overrunning clutch solution for use on the U.S. Coast Guard's RBM patrol boat fleet. The 45-foot boats perform a variety of missions including search and rescue, marine environmental protection, law enforcement, and coastal security. Powered by twin 825 HP turbocharged diesel engines, the boats can reach a maximum speed of 42.5 knots (49 mph).

Formsprag supplied modified GFR ball bearing supported, ramp & roller clutches to meet the demanding application requirements. The clutch also improves the operating life of the drive line components by eliminating torque reversals that can occur when there is rapid deceleration in the boat's diesel engine speed. The clutches are plated for enhanced corrosion resistance.

US (Application Assistance)  
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