

# Prime Mover Governor Services

**PMGS**  
Hydraulic Servo Governors

**Model : PR-G-840**

## DATA SHEET

### Description

PMGS with their 30 years experience in the Governor field, introducing type G-840 Hydraulic Servo Governors suitable for 100 Kw to 2.5 Mw Steam Turbine, Generator and Marine application in a competitive price.

The G-840 Governors are designed and manufactured equal to the world's leading Governor companies like Woodward, Europa and Russian Governors. Mostly many hydro mechanical Governors are obsoleted by the Governor companies. They are introducing electronic Governors which is more expensive and un-repairable. Every year the electronic Governor and actuator, model changes with increasing in price. The low budget turbine manufacturers can use our Governors for their turbine application, which will be 50% of the cost less comparing to other Governor companies.

The G-840 Governors can be replaced for Governor models like EHP-34, 1102, UG-8 and UG-40 etc., with different accessories supplied by us.

The G-840 Governors are designed to manage the Turbine / Engine RPM and frequency instantly during sudden load change.

### Specification

#### Work with in the same out line dimension

8, 15, 25, 34, 40 Ft.lbs (11, 20, 34, 46 or 55 Nm)

#### Output shaft movement

50 degrees (Max) Indication 0 -10

#### Drive shaft rotation

Both CW & CCW

#### Variable speed operation

Normal operating speed range 400 to 1700 RPM

Recommended constant rated speed 800 to 1500 RPM



### Features

Remote Electrical & Pneumatic Speed settings options.

Remote Electrical / inbuilt shutdown options.

Self contained oil supply capacity 1.5 Lits. Oil grade SAE 10-50.

Droop Adjustment.

Needle Valve Adjustment

Common base mounting

Speed Setting analog Counter.

Standard adopters available to replace other manufacturer's Governors.

Weight 30 Kgs (App).

MAX Case Temperature 93°C

Governor drive power required 0.3 Kw.

## PRIME MOVER GOVERNOR SERVICES

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