

Prime Mover Governor Services

ELECTRO HYDRAULIC ACTUATOR

Model : PR- A 840 (Actuator)

PMGS & PR Enterprises having more then 30 years experience in the Governor Servicing field. Now PMGS & PR are manufacturing and installing Hydro Mechanical Governors, Electronic Governors and Actuators for the Steam Turbines and Diesel Generators and for Marine Engine Applications in a competitive price.

This leaflet introducing about the Electronic Actuator Model PR-A 840 (Actuator)

Introduction

Electro Hydraulic Actuator PR-A 840 is suitable for Steam Turbines, Diesel Generators and Marine Applications. This Actuator is specially designed to meet the ever increasing demands of modern prime mover controls.

Actuator Drive can be connected to Steam Turbine / Diesel Engine shaft through a gear. In some special case, if it is critical to connect the Actuator/Governor with the Turbine/Diesel Engine shaft OR in case of long linkage from Actuator/Governor to chest valve, the Actuator can be driven by a AC motor and placed near the chest valve.

Mechanical Specifications

Oil grade SAE 10 to SAE 50.

Oil capacity 1.5 Lits self contained Tank.

Work output with in the same out line dimension.

a) 8,34 or 40 Ft. Lbs (11, 46 or 55 Nm)

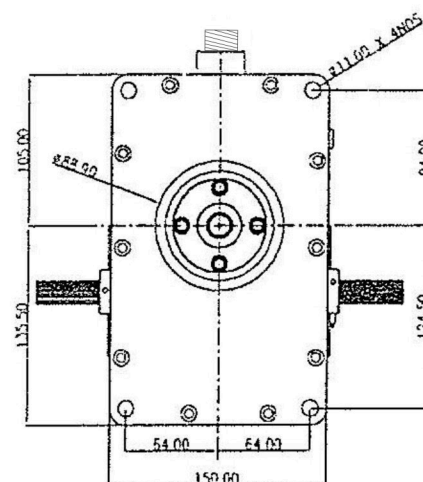
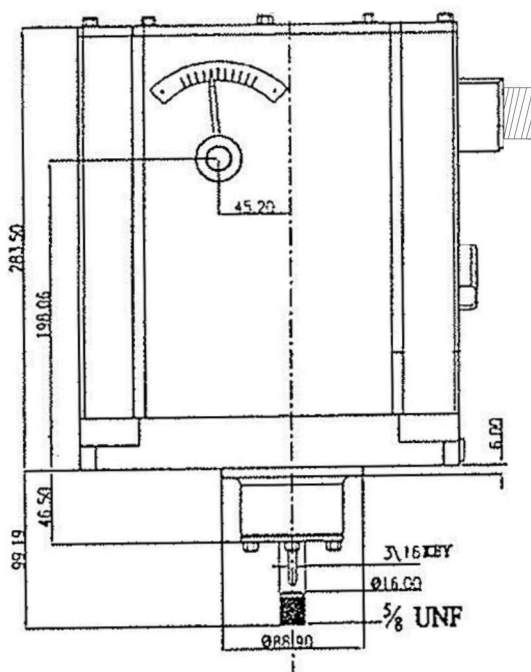
Out put terminal shaft

- a) Both side 0.625" 36 Serration SAE
- b) Terminal Angle 0 - 50° (1 to 10) Max
- c) No Load to Full Load 3 - 47° (2 to 8) App.
- d) Weight 30 Kgs (App).
- e) Max case temperature 93° C
- f) Actuator Drive Power 0.3 Kw
- g) Operating Speed 500 to 1500 RPM

Electrical Specification

- a) In put current range 0- 200 mA
- b) Maximum coil current 250 mA
- c) Electrical connector 3 pin MS 3102 R 14S-7 P

PMGS Electro Hydraulic Actuator



PRIME MOVER GOVERNOR SERVICES

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