

SERIES 2100 MARK 2G

Hydraulic Servo Governor

The Series 2100 governor is of European design and has been developed to meet the requirements of engines in the power range 200 to 2000 H.P.

The design has been developed using the main control components of our proven 1100 Series governor which has been in production since 1961.

The governor is of the centrifugal flyweight type with a hydraulic servo mechanism to provide the output effort. It is completely self-contained with its own servo oil reservoir, oil pump and two hydraulic accumulators, one of which acts as a relief valve. Provision is made for connection to an air operated starting booster.

FEATURES

- All models are available with fuel limiting, with respect to change air pressure or manual control knob
- 8 or 12 ft.lbf (11 or 16 Nm) work output within the same external dimensions, plus other common design features, give maximum application flexibility to suit all Prime Mover duties.
- Drive Speed, drive shaft, base mounting, common to all models - these factors contribute to lower engine design and production costs.



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MODELS AVAILABLE

- 2101** - LEVER SPEED SETTING
- 2102** - ELECTRIC MOTORISED SPEED SETTING
- 2103** - DIAL SPEED SETTING
- 2104** - PNEUMATIC SPEED SETTING

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SPECIFICATION

Weight

(Lever speed setting model – 38lbs
(17.2 kg)

Rotation

Either Clockwise or counter-clockwise

Drive Shaft Dimensions

0.625 in normal diameter 36 SAE serrated,
or alternatively, 0.625 diameter, keyed

Output Shaft Dimensions

0.5 in normal diameter 36 SAE serrated,
both sides of governor

Oil Supply

Self contained 1.7 litres

Operating Voltages

(Speed setting motor)

- 24 volt d.c. 3 wire
- 110/120 volts d.c. wire
- 110/120 volts a.c. single phase
50/60 Hz, 3 wire
- Other voltages can be supplied.

Shutdown Solenoid

(Energised to stop)

- 24 volts d.c.
- Also available with mechanical
lever shutdown

Installation

- horizontal or vertical

Stabilisation

- Hydraulic system having non-linear
characteristic giving high temporary
droop at the set point of stability.

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