

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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