Regulateurs Europa
Member of the HEINZMANN Group

Type 2810-1G

DATA SHEET

Description

Output range 15, 30 ft lbf (20, 40.5 Nm).

The REGULATEURS EUROPA 2810-1G is a proportional actuator in which the output shaft position is proportional to the electric input signal.



Included in the same unit is a conventional ballhead hydraulic Governor providing engine speed control in the case of electronics Failure.

The design incorporates over seventy years of experience in building hydraulic governors and actuators and provides a compact solution that is interchangeable with other proprietary units.

With its internal oil pump and self contained oil supply the 2810 provides the same high levels of reliability that have been proven on the existing 2200 range.

Starting boosters can be supplied for applications were rapid starting or minimising air consumption is an issue.

The extensive HEINZMANN and REGULATEURS EUROPA worldwide network of branches, representatives and authorised dealers ensures fast responsive and professional service wherever our customers are.

Application range

- Most suited to diesel engines in industrial and marine applications.
- A high work output actuator in a compact body size.
- Designed to work with REGULATEURS EUROPA XIOS UC1 governor or other proprietary electronic governor controls.

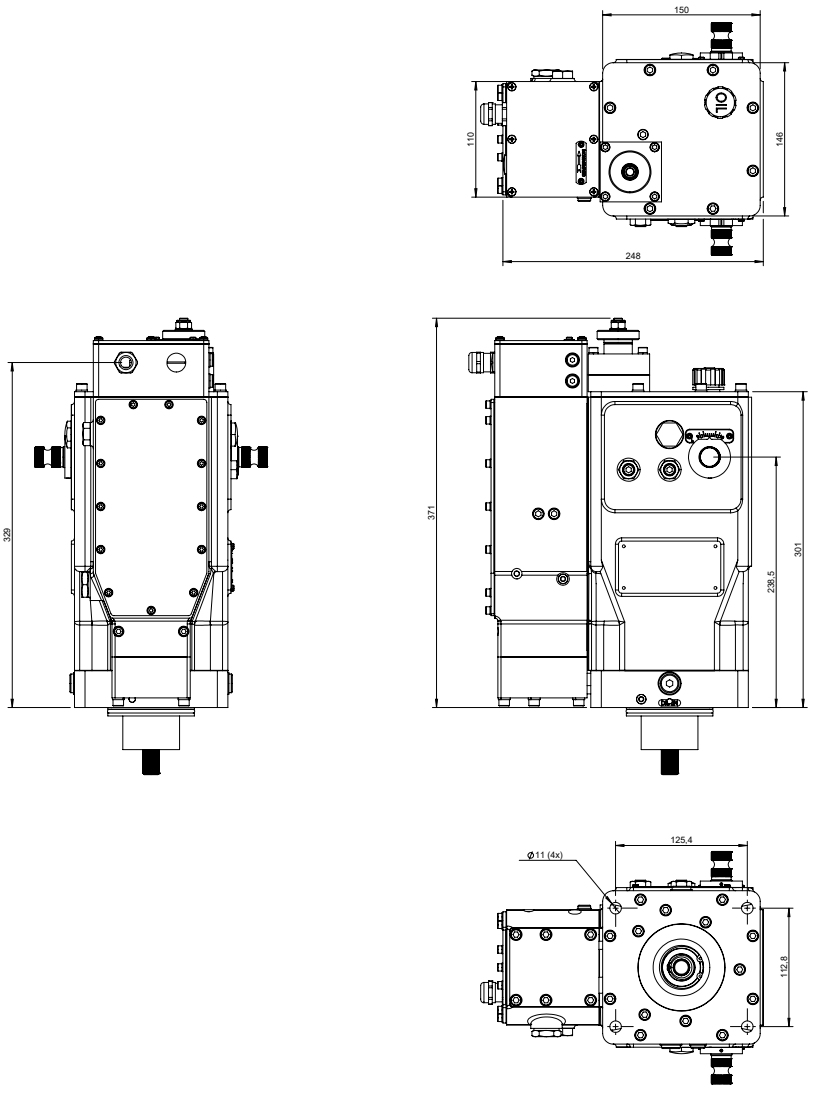
Features

- True proportional actuator. No position feedback required
- Compact size envelope
- For use with the XIOS range of digital electronic governors
- Interface module allows for use with other manufacturer's governors
- Low maintenance / high reliability
- Self-contained oil supply
- Range of drive shaft options
- Ballhead back-up with manual speed setting

Technical data

Actuator input signal	0 ... 1 Amp nominal operating range 250 ... 750 mA (2 to 8) only availble in reverse acting Optional: 0 ... 200 mA 20 ... 160 mA (2 to 8)
Open loop positional accuracy	±1.5 % FSD approx.
Work output nominal	30 ft lbf (40.5 Nm) 15 ft lbf (20 Nm)
Output shaft angular movement	46.7° max. 28° from 2 to 8 (no load to full load)
Output shaft	5/8 inch 36 SAE serrations Optional: 3/4 inch 48 SAE serrations
Drive speed	300 ... 2000 rpm
Direction of rotation	either
Weight	36 kg

Dimensions



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