WOODWARD TG-13

Product Data Sheet

A8516039/8516-038

TG-13 mechanical-hydraulic governor

GOVERNOR FAMILY	GOVERNOR TYPE	RATED SPEED	HIGH SPEED AT 2°
TG-13	**Mechanical-hydraulic**	**2400 rpm**	**2900 rpm**

Woodward A8516039/8516-038 is a TG-13 mechanical-hydraulic governor configuration for prime-mover speed control. The 8516-038 variant is documented for a 2400 rpm rated-speed application with a 12 ft-lb work-output class.

01 VERIFIED TECHNICAL DATA

Governor family	TG-13
Governor type	Mechanical-hydraulic
Rated speed	2400 rpm
High speed at 2°	2900 rpm
Rated speed at 38°	1800 rpm
Rated speed at 2°	2010 rpm
Low speed at 2°	1200 rpm
Overspeed test-device speed	2800 rpm
Work output	12 ft-lb
Speed setting	Screw

Technical values apply to the complete product identity shown above.

02 ADDITIONAL PRODUCT DATA

Drive rotation	Clockwise

03 PRODUCT DESCRIPTION

The full A8516039/8516-038 identity, drive rotation, speed-setting arrangement, terminal shaft and linkage geometry must match the installed governor. Record mechanical adjustments and oil condition before removal, then perform controlled speed and stability checks after installation.

04 APPLICATION FIELDS

Thermal, Hydroelectric and Renewable Power Generation: Thermal and hydroelectric power production; Renewable generation and energy integration.

Petroleum Production and Natural Gas Processing: Upstream and downstream petroleum production; Natural gas processing and transmission.

Industrial Manufacturing and Continuous Production: Discrete manufacturing and assembly production; Continuous industrial production operations.

05 SOURCE BASIS

Woodward TG-13/TG-17 manual 04042

AMIKON PRODUCT SUPPORT

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