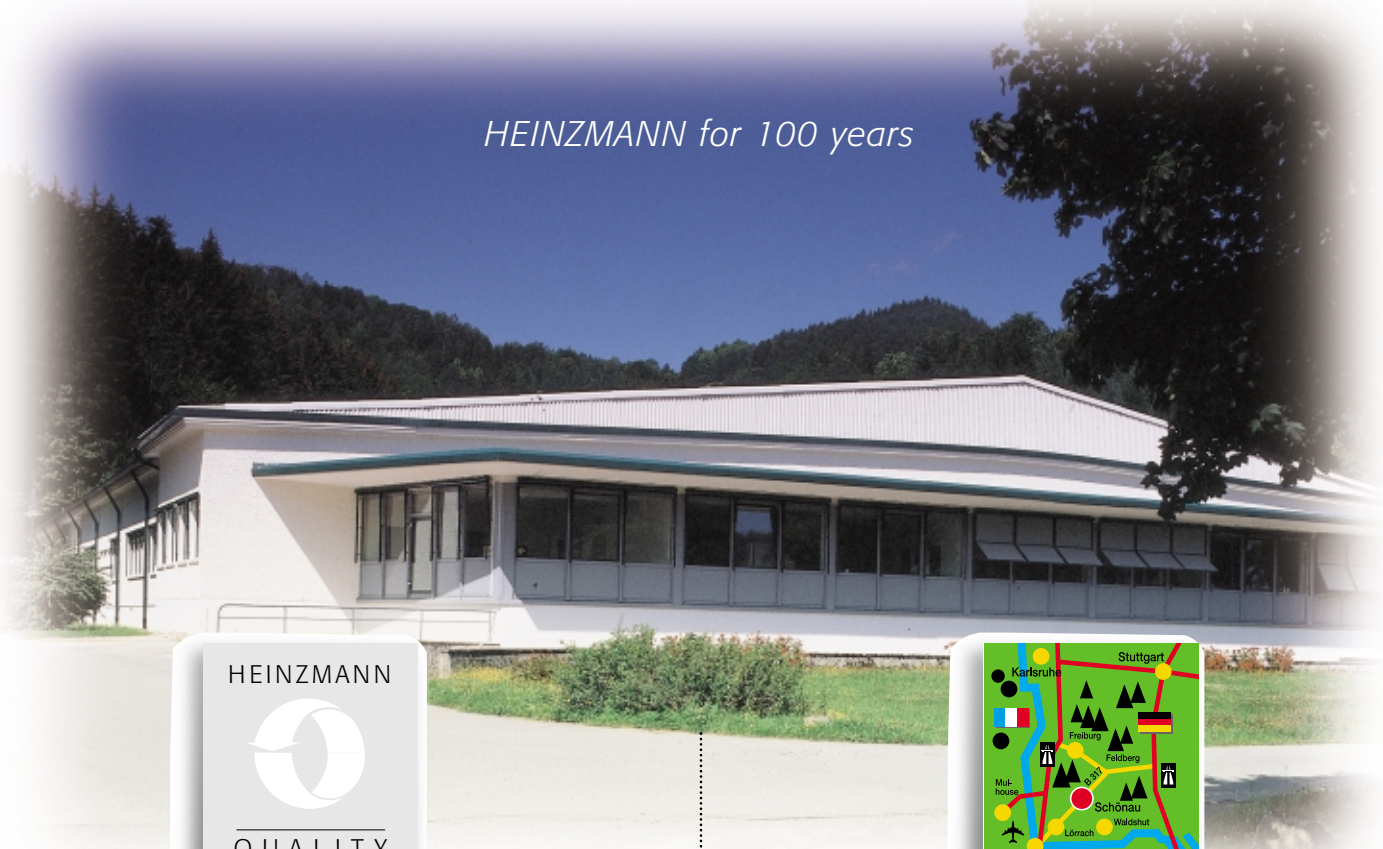


HEINZMANN for 100 years



Analogue and digital speed governors

A new range of controllers for electronic fuel injection (EFI) for use with 24-90 Volt solenoids controlling up to 20 cylinders.

Sensors and other accessories for analogue and digital speed governors

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Electromagnetic drivers

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D-79677 Schönau/Germany
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Leading in the electronic speed governor world

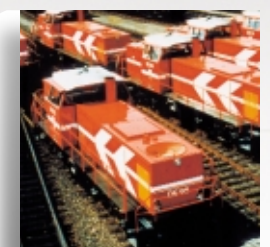
HEINZMANN®



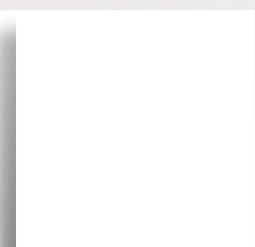
Leading in the electronic speed governor world



Generator set



Loc-Control



Dual Fuel application



Marine drive



Off-Highway application

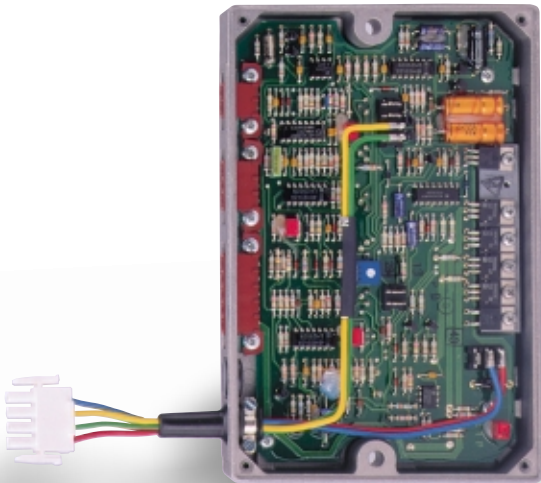


Turbine-Control

No liability assumed. Subject to changes without note.

Analogue Speed Governors
Summary of our product range

Electronic Governor E 1-F / E 2-F



KG...1-IP 00



StG 1-D2 F



StG 2-D2 F

Electronic Governor E 1-F / E 2-F

Usable for an engine power up to 100 KW with governor E 1-F resp. 150 KW with governor E 2-F.

Supply voltage	12 V DC or 24 V DC
Maximum current consumption	approx. 4,5 A
Current cons. in steady state condition	approx. 1 A
Effective rotation at output shaft	68°
Maximum torque	
at E 1-F	0,6 Nm = 0,44 ft lbs
at E 2-F	0,9 Nm = 0,66 ft lbs
Holding torque	
at E 1-F	0,3 Nm = 0,22 ft lbs
at E 2-F	0,45 Nm = 0,33 ft lbs

- Non-contact feedback system
- High accuracy
- Low current consumption
- Start fuel limitation
- Overspeed relays

For further information see brochure:

For governor E 1-F	E 82 001-e
For governor E 2-F	E 83 010-e

Electronic Governor E 64 / E 90

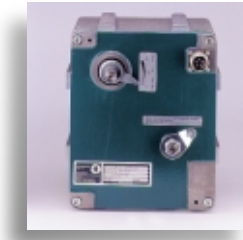
Usable for an engine power up to 8000 KW with governor E 64 resp. 10000 KW with governor E 90

Supply voltage	24 VDC und 40 VDC
Maximum current consumption	approx. 4,5 A
Current cons. in steady state condition	approx. 1 A
Effective rotation at output shaft	42°
Maximum torque	
at E 64	64 Nm = 47,2 ft lbs
at E 90	90 Nm = 66,4 ft lbs
Holding torque	
at E 64	32 Nm = 23,6 ft lbs
at E 90	45 Nm = 33,2 ft lbs

- Non-contact feedback system
- High accuracy
- Low current consumption
- Start fuel limitation on request

For further information see brochure:

For governor E 64 / E 90	E 83 011-d
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StG 64



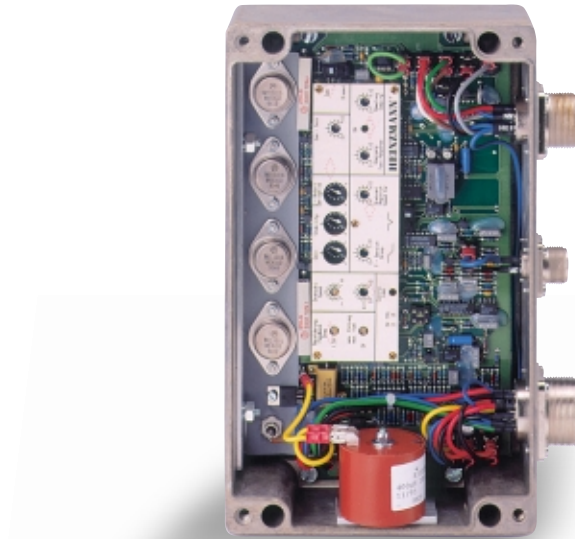
StG 90



KG...64-IP 65

Electronic Governor E 64 / E 90

Electronic Governor E 6 / E 10



KG...6-04-IP 65



StG 6



StG 10

Electronic Governor E 6 / E 10

Usable for an engine power up to 500 KW with governor E 6, resp. 1000 KW with governor E 10.

Supply voltage	24 VDC
on request	12 VDC
Maximum current consumption	approx. 4,5 A
Current cons. in steady state condition	approx. 1 A
Effective rotation at output shaft	36°
Maximum torque	
at E 6	4 Nm = 2,95 ft lbs
at E 10	10 Nm = 7,38 ft lbs
Holding torque	
at E 6	2 Nm = 1,48 ft lbs
at E 10	5 Nm = 3,69 ft lbs

- Non-contact feedback system
- High accuracy
- Low current consumption
- Start fuel limitation on request

For further information see brochure:

For governor E 6 / E 10	E 87 012-e
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Electronic Governor E 2010 / E 2040 / E 2080

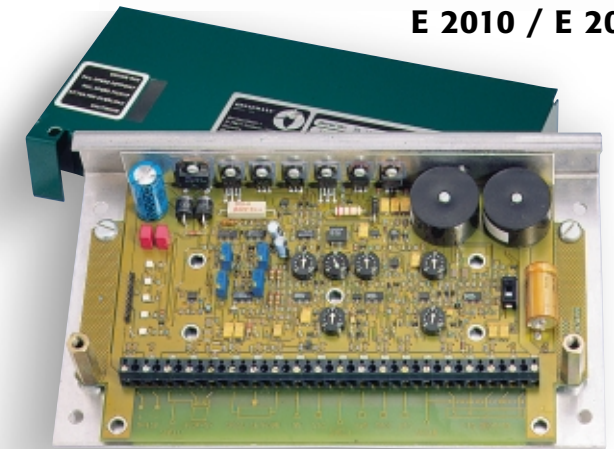
Usable for an engine power up to 200 KW with governor E 2010, 800 KW with governor E 2040 resp. 1000 KW with governor E 2080.

Supply voltage	24 VDC
on request	12 VDC
Maximum current consumption	approx. 4,5 A
Current cons. in steady state condition	approx. 1 A
Effective rotation at output shaft	36°
Maximum torque	
at E 2010	1,4 Nm = 1 ft lbs
at E 2040	6,5 Nm = 4,8 ft lbs
at E 2080	11 Nm = 8,1 ft lbs
Holding torque	
at E 2010	0,7 Nm = 0,5 ft lbs
at E 2040	3,2 Nm = 2,4 ft lbs
at E 2080	5,5 Nm = 4,05 ft lbs

- Non-contact feedback system
- High accuracy
- Low current consumption
- Start fuel limitation on request

For further information see brochure:

For governor E 2010/E 2040/E 2080	E 94 004-e
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KG...2000-IP 00



StG 2010



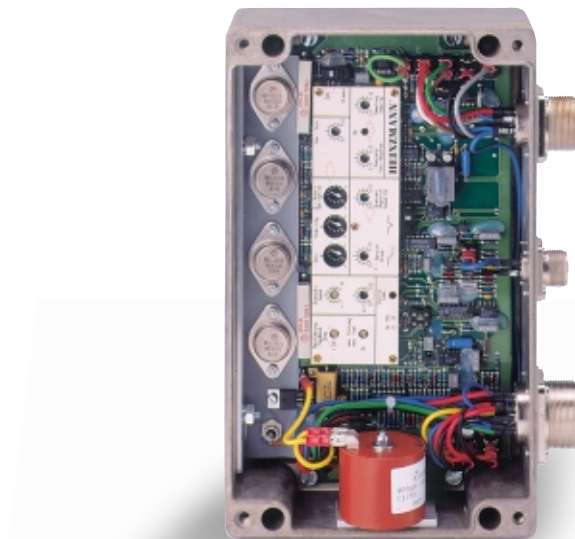
StG 2040



StG 2080

Electronic Governor E 2010 / E 2040 / E 2080

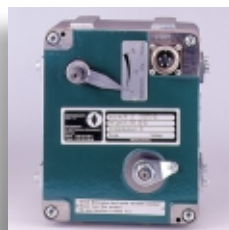
Electronic Governor E 16 / E 30



KG...16-04-IP 55



StG 16



StG 30

Electronic Governor E 16 / E 30

Usable for an engine power up to 2000 KW with governor E 16 resp. 4000 KW with governor E 30.

Supply voltage	24 V DC
Maximum current consumption	approx. 4,5 A
Current cons. in steady state condition	approx. 1 A
Effective rotation at output shaft	42°
Maximum torque	
at E 16	11 Nm = 8,1 ft lbs
at E 30	22 Nm = 16,2 ft lbs
Holding torque	
at E 16	5,5 Nm = 4,05 ft lbs
at E 30	11 Nm = 8,10 ft lbs

- Non-contact feedback system
- High accuracy
- Low current consumption
- Start fuel limitation on request

For further information see brochure:

For governor E 16 / E 30	E 87 009-e
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Test Unit PG 01

With the help of the build-in engine simulator it is possible to adjust the speed with the engine stopped. In addition, the unit may be used for checking the governor system before first engine start or in case of service.

Furthermore the unit offers monitoring of the feedback voltage and realtime frequency (speed) measurement.

For further information see brochure:

For Test Unit PG 01	E 83 008-e
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Accessory Parts and Units – available are:

Speed sensors, setpoint adjusters, power supplies, power supplies with emergency supply, synchronizers, load measuring units, load anticipation unit, load sharing units, speed switches, load switches and so on.

For further information see separate leaflets resp. brochures of the units.



Test Unit PG 01

Test Unit PG 01