

Nabtesco

MG-800 DIGITAL GOVERNOR SYSTEM

Approved by MAN Diesel A/S, Wärtsilä Switzerland Ltd

FEATURES

Variable Start Modes

Variable start modes provide smooth starting under all conditions and reduce black-smoke emissions.

Prevention of Overspeed

Special Software is provided to prevent the engine from overspeeding

Automatic PID Selection

Automatic PID selecting mechanism ensures stable control at any speed.

High Gain Mode

Automatic changeover mechanism provides safe operation in rough weather.

Adjustment-Free Operation

Nabtesco's governor simulator allows for adjustment before delivery.

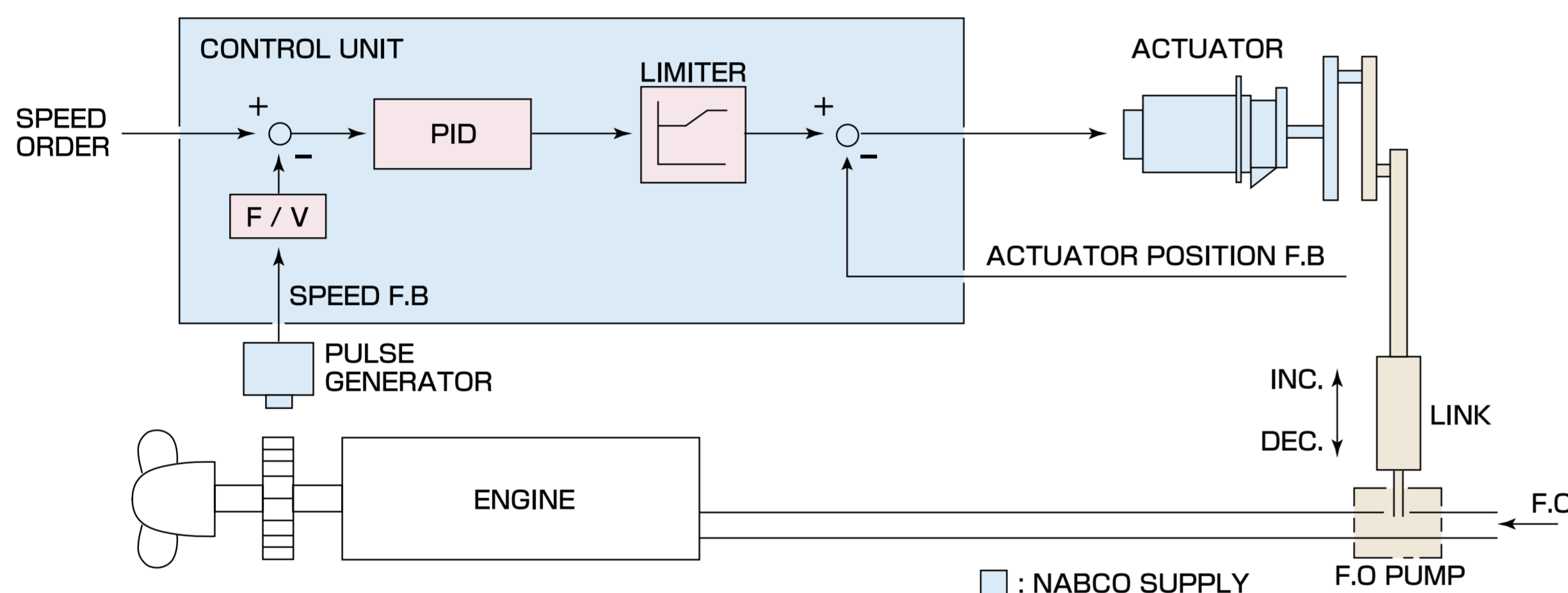
Prevention of Jiggling

Jiggling is prevented by means of special filter.

Touch Panel Display

User-friendly touch panel display and GUI (Graphical User Interface) achieve easy operation.

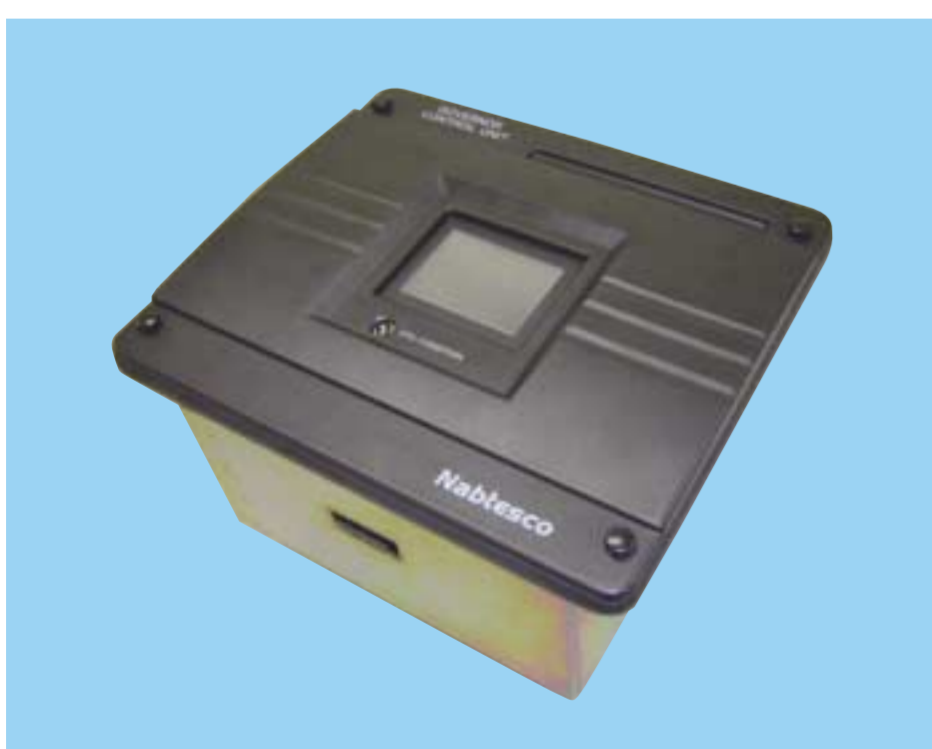
FUNCTION



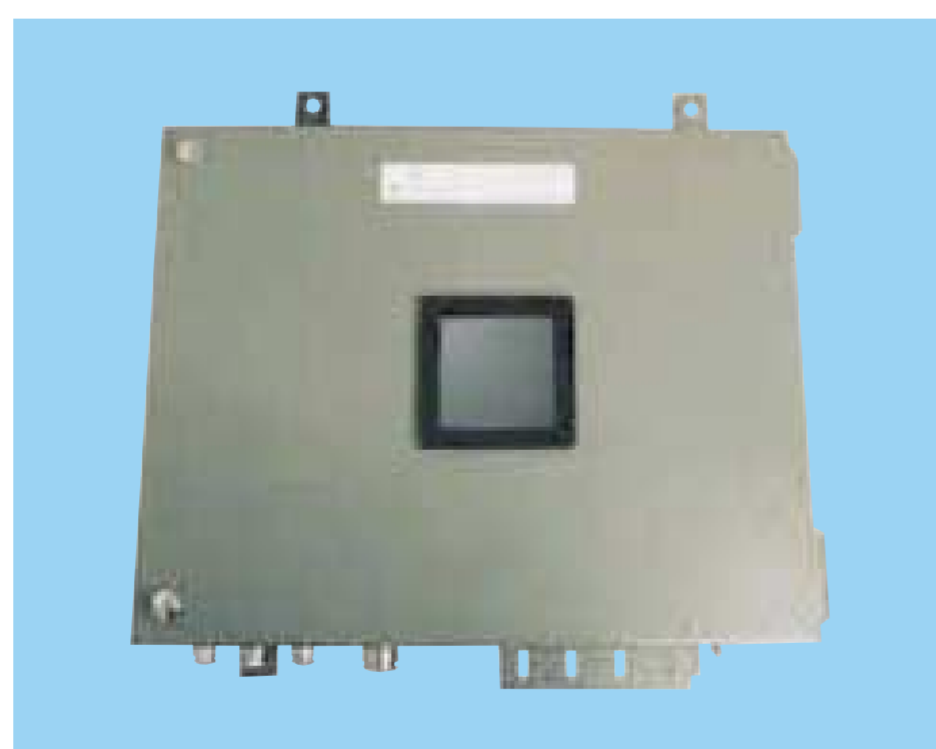
- Selection from 3 speed order signals
- Various starting mode
- Various control mode
- NORMAL / HIGH
- GAIN / INDEX / TEST / FUEL SAVE (option)
- Fuel limit & Cancel
- MAX. / MIN. / TORQUE / SCAV.AIR
- STOP
- Automatic Shut Down
- Automatic Slow Down

CONTROL UNIT

Fitted on control room console



Fitted inside control room console



ACTUATOR DRIVE UNIT

Fitted on control room work shop



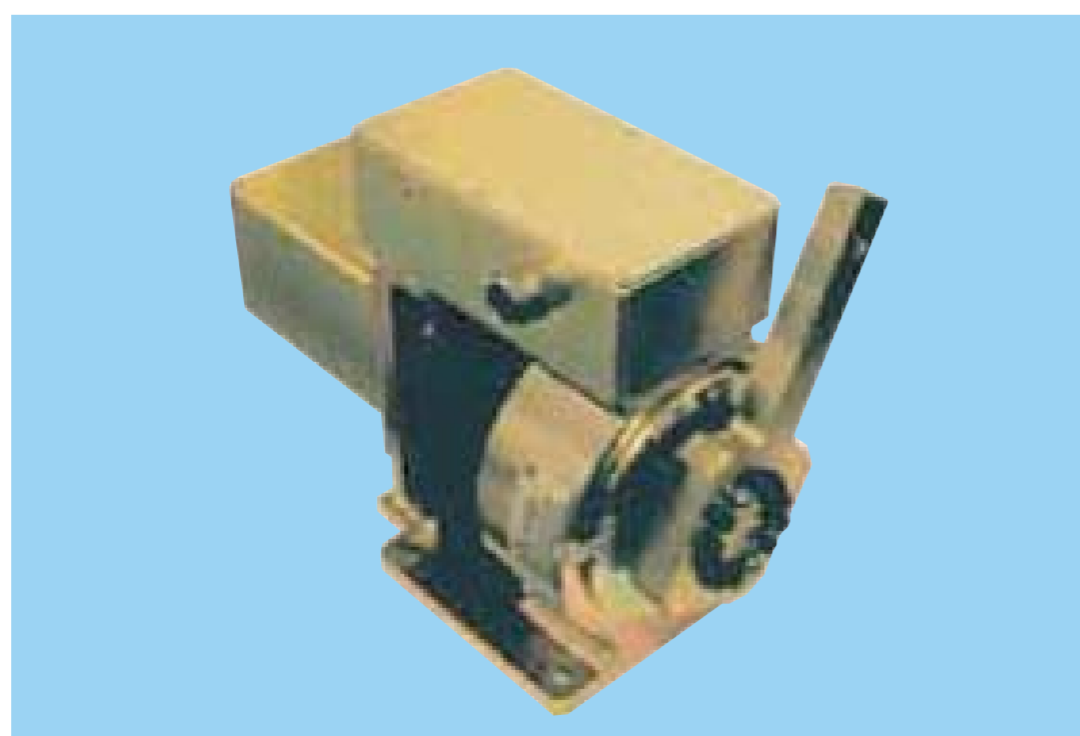
PULSE GENERATOR

Fitted on engine



ACTUATOR

Fitted on engine



EAR-20
56N·m



EAR-120
330N·m



EAR-500A, EAR-1000A
960N·m 1310N·m

Max output

Max stroke (range)

42 °

42 °

42 °

42 °