

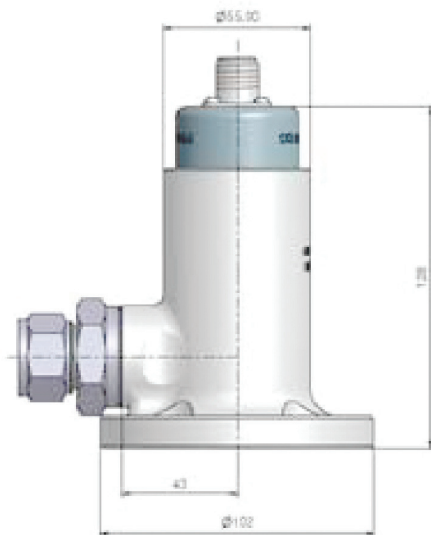
## EFC™

### Electronic Fuel Control System

The EFC™ system is an electronic fuel control system that features a common-rail fuel delivery system to mechanical direct-injected engines. It converts the variable-pressure governing system to a modern common-rail (constant pressure) pulse width controlled governing system while minimizing new infrastructure.

### Features

- › Offers modern common-rail (pressure) pulse width controlled governing and replaces mechanical/pneumatic governor
- › Sophisticated electronic governing algorithms
- › Allows for “skip fire” routines
- › Ability to implement automatic balancing of power cylinders (HyperBalance).
- › Low-pressure (under 100 psi) electronic fuel control system (simple installation with minimum infrastructure)
- › Protection for overload (max pulse width)
- › Fuel savings mode without unit automation



### Benefits

- › Improves fuel economy at full loads
- › Maximizes fuel savings through “skip fire” routines at part load configurations
- › Reduces standard deviation, peak pressures and stress on engine through improved combustion stability
- › Improves transient and steady state response
- › Maintains balance over expanded operating ranges
- › Reduces unburned hydrocarbon emissions
- › Minimizes fuel slip with precise fuel timing
- › Maximizes protection against fuel misfires “miss and bang”



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