



ORDER-INFORMATION

KRONOS-CARBURETION SYSTEMS / AFR-CONTROL

This sheet helps the HEINZMANN application engineers to calculate and to advise the proper carburetion equipment for your gas engine application. Please fill in this form and do not hesitate to contact HEINZMANN in case of doubt or questions. For identical applications this procedure will not be required as HEINZMANN will inform you about part numbers, commissioning instructions and settings.

CUSTOMER INFORMATION

Company: _____ Address: _____
 Contact Person: _____ Telephone: _____ Telefax: _____
 E-Mail: _____
 Order No.: _____ Customer: _____ HEINZMANN: _____

ENGINE DATA

Engine type: _____ Configuration: In-line engine V-engine
 Turbo charger: Yes No Max. boost pressure; _____ bar abs.
 Cyl. displacement: _____ liter No. of cylinders: _____ Vol. eff. (Ve): _____
 Rated power: _____ kW n_{start} : _____ rpm $n_{nominal}$: _____ rpm Mech. efficiency (η): _____
 Max. Manifold temperature: _____ °C λ desired: _____
 Application: _____

MIXING UNIT(S)

Location (see overleaf): DTNA DTTC BTTC
 For V-Engine: Single mixing unit Double mixing unit
 Mixture outlet: Flange Hose connector

THROTTLE VALVE

Opening: Clockwise Anti-Clockwise
 For V-Engine: Single throttle valve Double throttle valve
 Lever: Required Not required
 Configuration: On mixing unit Stand-alone

GAS CONTROL VALVE

Operation: Manual by AFR-control
 For V-Engine: Single valve Double valve
 Gas street dimensioning: by Customer by HEINZMANN

Components of the gas street such as gas valve, gas filter and in particular the zero-pressure regulator form a unseparable part in order to obtain an optimal functioning fuel system. HEINZMANN has the experience and the knowledge to supply you the right components, including the certification

FUEL PROPERTIES

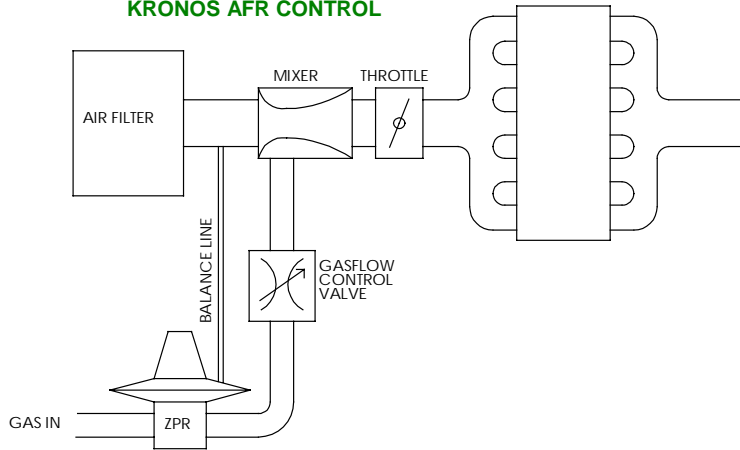
Lower heat value: _____ MJ/nm³ Gas-density: _____ kg/nm³
 Stoichiometric air requirement: _____ m³/m³ Range (only for variable fuel): _____ to _____ %CH₄
 If fuel properties are not known: _____-gas (e.g. natural, landfill, L-H-gas, propane, etc.)

Fritz Heinzmann GmbH & Co. Speed Governors

Am Haselbach 1 • D-79677 Schönau (Schwarzwald)
 Tel. +49 (0)7673 8208-0 • Fax +49 (0)7673 8208-188
 e-Mail: info@heinzmann.de • www.heinzmann.de

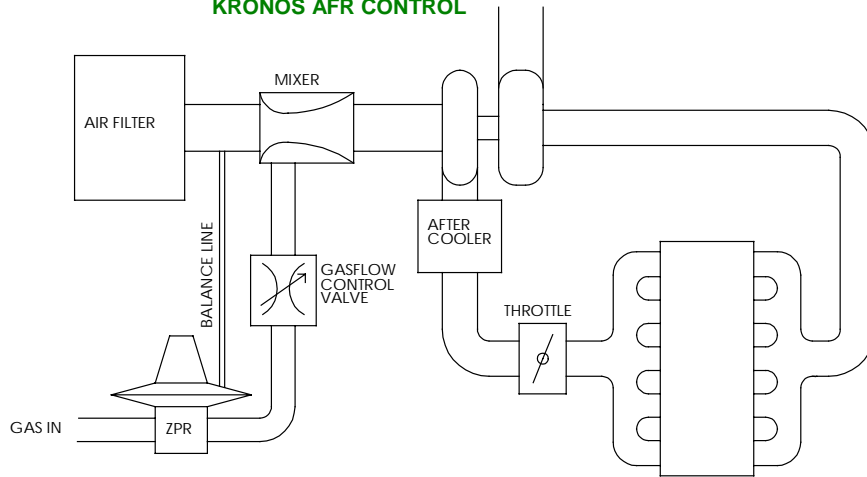
DRAW THROUGH NATURAL ASPIRATED

HEINZMANN®
KRONOS AFR CONTROL



DRAW THROUGH TURBO CHARGED

HEINZMANN®
KRONOS AFR CONTROL



BLOW THROUGH TURBO CHARGED

HEINZMANN®
KRONOS AFR CONTROL

