



SHENZHEN GRAIGAR MACHINERY CO.,LTD.

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CUMMINS SPEED CONTROLLER DATASHEET

1.Product Name: 4914090

Product Description:

Cummins 4914090, 4914091 Idle Start Control Model is supplied to Chongqing Cummins Engine Company—CCEC only:

We supply the following **Cummins Speed Controller (Cummins EFC)**:

- 1) 4914090 (Supplied to Chongqing Cummins Engine Company—CCEC only);
- 2) 4914091 (Supplied to Chongqing Cummins Engine Company—CCEC only);
- 3) 3044196;
- 4) 3062322;
- 5) 3098693;
- 6) 3037359;
- 7) 3044195;
- 8) 3032733;
- 9) 3062323.



2.Product Name: 3044196

Product Description:

We supply the following **Cummins Speed Controller (Cummins EFC)**:

- 1) 4914090 (Supplied to Chongqing Cummins Engine Company—CCEC only);
- 2) 4914091 (Supplied to Chongqing Cummins Engine Company—CCEC only);
- 3) 3044196;
- 4) 3062322;
- 5) 3098693;
- 6) 3037359;
- 7) 3044195;
- 8) 3032733;
- 9) 3062323.

Cummins Speed Controller (EFC) 3044196:

Name	Cummins EFC
Model	3044196
Type	Normally Closed
Compatible Actuator	3408324
Applicable Genset	NTA855

Other Models:

3062322, 3037359, 3098693, 3037359, 3044195, 3032733, 3062323

Electronic fuel control(EFC)**SPECIFICATION:**

RPM Stability: $\pm 0.25\%$

Speed Range: 1KHz ~ 6.5KHz

Thermal stability: Max $\pm 0.7\%$

IDLE Regulation: 260 ± 20 Hz

DROOP Regulation: Minimum 15Hz ± 6 Hz/ 1 Amp

Maximum: 400Hz ± 75 Hz/ 1 Amp

External Speed Regulation: ± 200 Hz (with 1 K Ω connected)

AUX Input Sensitivity: 148Hz / 1V., ± 10 Hz

Impedance: 1M Ω

Working Temp Range: -40 ~ 85

ENVIRONMENT:

Working Humidity Range: Maximum 95%

Stocking Temp: -55 ~ 92

Shocking: 20-100HZ 500mm/Sec.

INPUT POWER SUPPLY

Voltage: 12V or 24V

Grounding Pole: Negative pole

Power Supply: 40mA

Actuator Continuous Current: Minimum 1A, Maximum 4.5A

MPU Signal: 2 ~ 120V RMS

NOTE: Above-Mentioned parameters are tested with a 3800Hz working frequency.

3.Product Name: 3098693

Product Description:

We supply the following **Cummins Speed Controller (Cummins EFC)**:

- 1) 4914090 (Supplied to Chongqing Cummins Engine Company—CCEC only);
- 2) 4914091 (Supplied to Chongqing Cummins Engine Company—CCEC only);
- 3) 3044196;
- 4) 3062322;
- 5) 3098693;
- 6) 3037359;
- 7) 3044195;
- 8) 3032733;
- 9) 3062323.



Cummins Speed Controller (EFC) 3098693:

Name	Cummins EFC
Model	3098693
Type	Normally Closed
Compatible Actuator	3408326
Applicable Genset	K19, K38

4.Product Name: 3044195

Product Description:

We supply the following **Cummins Speed Controller (Cummins EFC)**:

- 1) 4914090 (Supplied to Chongqing Cummins Engine Company—CCEC only);
- 2) 4914091 (Supplied to Chongqing Cummins Engine Company—CCEC only);
- 3) 3044196;
- 4) 3062322;
- 5) 3098693;
- 6) 3037359;
- 7) 3044195;
- 8) 3032733;
- 9) 306232



Cummins Speed Controller (EFC) 3044195:

Name	Cummins EFC
Model	3044195
Type	Normally Closed
Compatible with	Cummins Generator Control Box
Applicable Genset	NTA855

5.Product Name: 3062323

Product Description:

3062323 Cummins Speed Controller

We supply the following Cummins Speed Controller:

- 1) 4914090 (Supplied to Chongqing Cummins Engine Company—CCEC only);
- 2) 4914091 (Supplied to Chongqing Cummins Engine Company—CCEC only);
- 3) 3044196;
- 4) 3062322;
- 5) 3098693;
- 6) 3037359;
- 7) 3044195;
- 8) 3032733;
- 9) 3062323.



6.Product Name: 4914091

Product Description:

Cummins 4914090, 4914091 Idle Start Control Model is supplied Supplied to Chongqing Cummins Engine Company—CCEC only.

We supply the following Cummins Speed Controller (Cummins EFC):

- 1) 4914090 (Supplied to Chongqing Cummins Engine Company—CCEC only);
- 2) 4914091 (Supplied to Chongqing Cummins Engine Company—CCEC only);
- 3) 3044196;
- 4) 3062322;
- 5) 3098693;
- 6) 3037359;
- 7) 3044195;
- 8) 3032733;
- 9) 3062323.

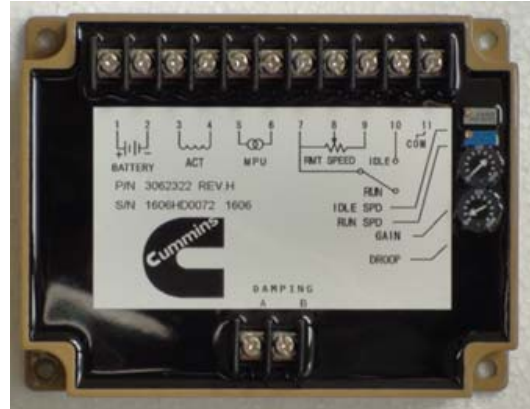


7.Product Name: 3062322

Product Description:

We supply the following **Cummins Speed Controller (Cummins EFC)**:

- 1) 4914090 (Supplied to Chongqing Cummins Engine Company—CCEC only);
- 2) 4914091 (Supplied to Chongqing Cummins Engine Company—CCEC only);
- 3) 3044196;
- 4) 3062322;
- 5) 3098693;
- 6) 3037359;
- 7) 3044195;
- 8) 3032733;
- 9) 3062323.



Cummins Speed Controller (EFC) 3044196:

Name	Cummins EFC
Model	3062322
Type	Normally Closed
Compatible Actuator	3408326
Applicable Genset	K19, K38

Other Models:

3062322, 3037359, 3098693, 3037359, 3044195, 3032733, 3062323

Electronic fuel control(EFC)

SPECIFICATION:

RPM Stability: $\lt \pm 0.25\%$

Speed Range: 1KHz ~ 6.5KHz

Thermal stability: Max $\pm 0.7\%$

IDLE Regulation: 260 ± 20 Hz

DROOP Regulation: Minimum 15Hz ± 6 Hz/ 1 Amp

Maximum: 400Hz ± 75 Hz/ 1 Amp

External Speed Regulation: ± 200 Hz (with 1 K Ω connected)

AUX Input Sensitivity: 148Hz / 1V., ± 10 Hz

Impedance: 1M Ω

Working Temp Range: -40 ~ 85

ENVIRONMENT:

Working Humidity Range: Maximum 95%

Stocking Temp: -55 ~ 92

Shocking: 20-100HZ 500mm/Sec.

INPUT POWER SUPPLY

Voltage: 12V or 24V

Grounding Pole: Negative pole

Power Supply: 40mA

Actuator Continuous Current: Minimum 1A, Maximum 4.5A

MPU Signal: 2 ~ 120V RMS

NOTE: Above-Mentioned parameters are tested with a 3800Hz working frequency.

8.Product Name: 3037359

Product Description:

We supply the following **Cummins Speed Controller (Cummins EFC)**:

- 1) 4914090 (Supplied to Chongqing Cummins Engine Company—CCEC only);
- 2) 4914091 (Supplied to Chongqing Cummins Engine Company—CCEC only);
- 3) 3044196;
- 4) 3062322;
- 5) 3098693;
- 6) 3037359;
- 7) 3044195;
- 8) 3032733;
- 9) 3062323.



Cummins Speed Controller (EFC) 3037359:

Name	Cummins EFC
Model	3037359
Type	Normally Open
Compatible Actuator	3408328
Applicable Genset	NTA855

9. Product Name: 3032733

Product Description:

30327333 Cummins Speed Controller

We supply the following Cummins Speed Controller:

- 1) 4914090 (Supplied to Chongqing Cummins Engine Company—CCEC only);
- 2) 4914091 (Supplied to Chongqing Cummins Engine Company—CCEC only);
- 3) 3044196;
- 4) 3062322;
- 5) 3098693;
- 6) 3037359;
- 7) 3044195;
- 8) 3032733;
- 9) 3062323



USED FOR:

Cummins Speed Contrller 3044196	Used for Cummins N Series
Cummins Speed Contrller 3044195	Used for Cummins N Series
Cummins Speed Contrller 3062322	Used for Cummins K Series
Cummins Speed Contrller 3062323	Used for Cummins K Series
Cummins Speed Contrller 3032733	Used for Cummins N Series
Cummins Control Panel 3053065	Cummins
Cummins Speed Contrller 3037359	Cummins
Over Speed Control Panel 3036453	Cummins
Cummins Speed Contrller 3098693	Cummins
Cummins Control Panel 3030256	Cummins
Cummins Acutator 3408324	Used for Cummins K Series Gensets Below 500KW
Cummins Acutator 3408326	Used for Cummins K Series Gensets For PT Pump
Delay Start And Speed Governor 4914090	Used for Cummins N Series Gensets
Delay Start And Speed Governor 4914091	Used for Cummins K Series Gensets