

**Generator Engine Performance Data**

Dongfeng Cummins Engine Co.,Ltd
Xiangyang, Hubei Province, China

Engine Model

QSZ13-G7

Curve Number

FR20454

CPL Code

3836

Compression Ratio: 17:1

Cylinders: 6

Bore: 130 mm

Stroke: 163 mm

Displacement: 13.0 L

Engine Configuration: D0C3004GX03

Fuel System: HPCR

Aspiration: Turbocharged & Charge Air Cooled

Governor Regulation: ≤1%

Emission Certification: Euro StageIIIA / MEP StageIII

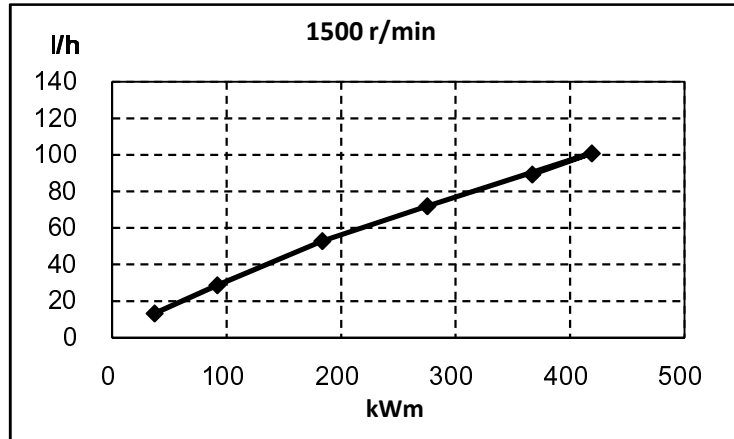
Engine Ratings*:

Engine Speed		Standby Power		Prime Power		Continuous Power	
r/min		bhp	kWm	bhp	kWm	bhp	kWm
1500		561	419	491	367	442	330
1800		625	467	548	409	491	367

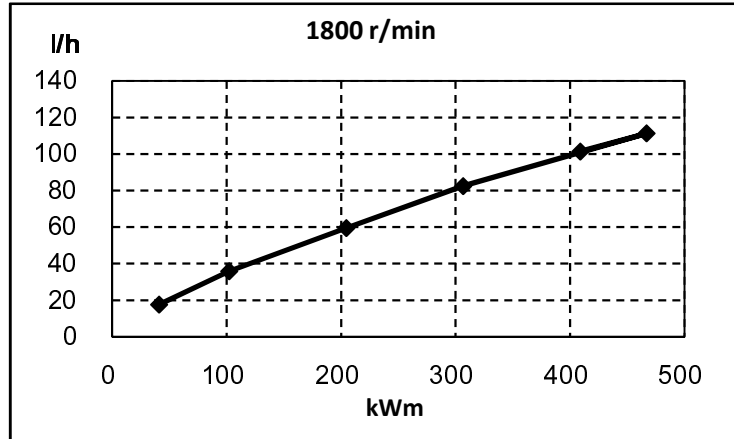
* All ratings refer to AEB26.02.

Engine Fuel Consumption @1500 r/min

OUTPUT POWER			FUEL CONSUMPTION			
%	bhp	kWm	lb/bhp.h	g/kWm.h	gal/h	l/h
Standby Power						
100	561	419	0.340	207	26.6	100.9
Prime Power						
100	491	367	0.344	209	23.5	89.2
75	369	275	0.370	225	19.0	72.0
50	246	184	0.408	248	14.0	52.9
25	123	92	0.441	268	7.5	28.6
continuous Power						
100	442	330	0.352	214	21.7	82.1

**Engine Fuel Consumption @1800 r/min**

OUTPUT POWER			FUEL CONSUMPTION			
%	bhp	kWm	lb/bhp.h	g/kWm.h	gal/h	l/h
Standby Power						
100	625	467	0.337	205	29.4	111.3
Prime Power						
100	548	409	0.350	213	26.7	101.3
75	411	307	0.380	231	21.7	82.4
50	274	205	0.411	250	15.7	59.4
25	137	102	0.497	302	9.5	35.9
continuous Power						
100	491	367	0.363	221	24.9	94.3



Curves shown above represent gross engine performance capabilities obtained and corrected in accordance with GB/T18297 conditions of 29.61 in Hg (100 kPa) barometric pressure [263 ft (80 m) altitude], 77 deg F (25 deg C) inlet air temperature, and 0.30 in Hg (1 kPa) water vapor pressure with No. 2 diesel fuel.

All data obtained is based on the engine operating, under the test conditions of 14.9 in H₂O (3.7kPa) inlet air restriction and 2.95 in Hg (10 kPa) exhaust restriction, not included are alternator, fan, optional equipment and driven components.

The engine may be operated up to 5200 m (17,060 ft.) altitude.