

**Generator Engine Performance Data**

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

Engine Model

QSZ13-G6

Curve Number

FR20379

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

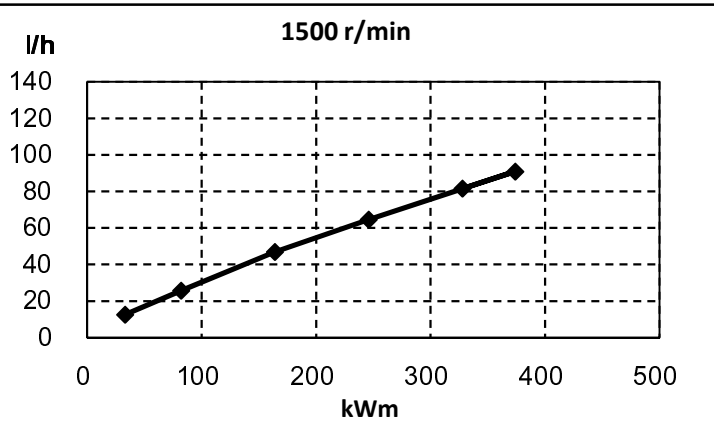
Engine Ratings*:

Engine Speed		Standby Power		Prime Power		Continuous Power	
r/min		bhp	kWm	bhp	kWm	bhp	kWm
1500		501	374	439	328	395	295
1800		549	410	482	360	432	323

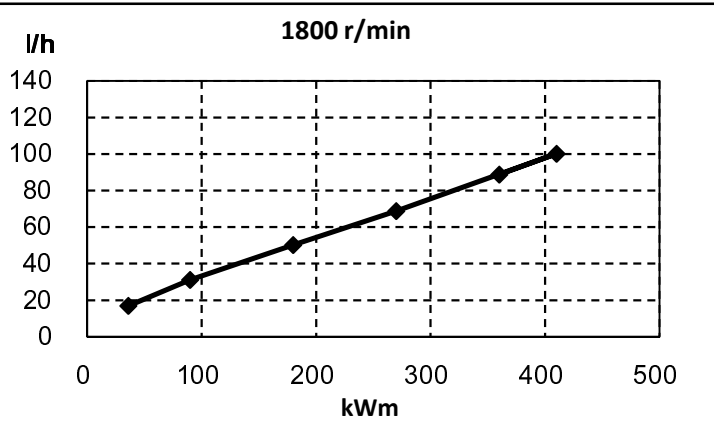
* All ratings refer to AEB26.02.

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	501	374	0.344	209	24.0	90.9
Prime Power						
100	439	328	0.352	214	21.5	81.6
75	329	246	0.372	226	17.1	64.6
50	220	164	0.405	246	12.4	46.9
25	110	82	0.442	269	6.8	25.6
continuous Power						
100	395	295	0.359	218	19.7	74.8

**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	549	410	0.345	210	26.4	100.1
Prime Power						
100	482	360	0.349	212	23.4	88.7
75	362	270	0.360	219	18.1	68.8
50	241	180	0.395	240	13.3	50.2
25	121	90	0.488	297	8.2	31.1
continuous Power						
100	432	323	0.336	204	20.2	76.6



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.