



Generator Engine Performance Data

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

Engine Model

QSZ13-G2

Curve Number

FR20287

CPL Code

3718

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:

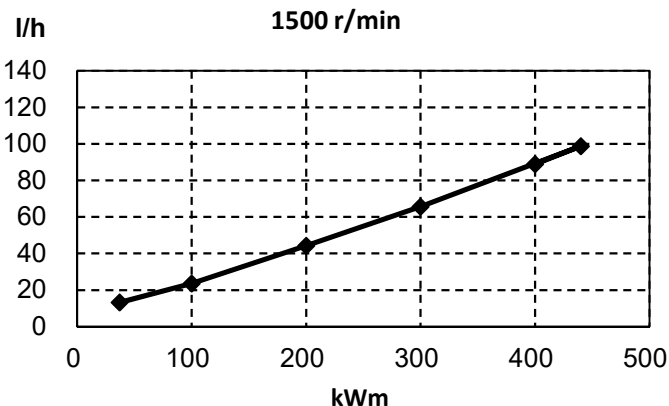
Engine Ratings*:

Engine Speed		Standby Power		Prime Power		Continuous Power	
r/min		bhp	kWm	bhp	kWm	bhp	kWm
1500		589	440	536	400	455	340
1800		589	440	536	400	455	340

* All ratings refer to AEB26.02.

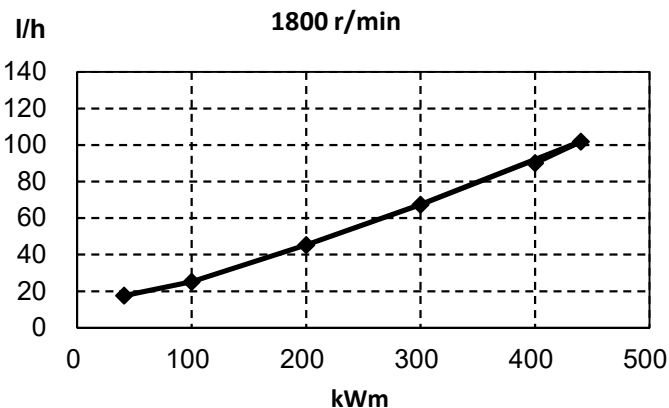
Engine Fuel Consumption @1500 r/min

OUTPUT POWER			FUEL CONSUMPTION			
%	bhp	kWm	Ib/bhp. h	g/kWm.h	gal/h	l/h
Standby Power						
100	589	440	0.317	193	26.1	98.7
Prime Power						
100	536	400	0.314	191	23.4	88.8
75	402	300	0.309	188	17.3	65.6
50	268	200	0.313	190	11.7	44.2
25	134	100	0.334	203	6.2	23.6
continuous Power						
100	455	340	0.311	189	19.7	74.7



Engine Fuel Consumption @1800 r/min

OUTPUT POWER			FUEL CONSUMPTION			
%	bhp	kWm	Ib/bhp. h	g/kWm.h	gal/h	l/h
Standby Power						
100	589	440	0.327	199	26.9	101.8
Prime Power						
100	536	400	0.319	194	23.8	90.2
75	402	300	0.317	193	17.8	67.3
50	268	200	0.321	195	12.0	45.3
25	134	100	0.357	217	6.7	25.2
continuous Power						
100	455	340	0.317	193	20.1	76.3



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.