



Industrial  
**QSM11**  
 FR20021

**335 BHP (250 kW) @ 2100 RPM**  
**1,235 lb-ft (1,674 N-m) @ 1400 RPM**

Configuration  
**D353020CX03**

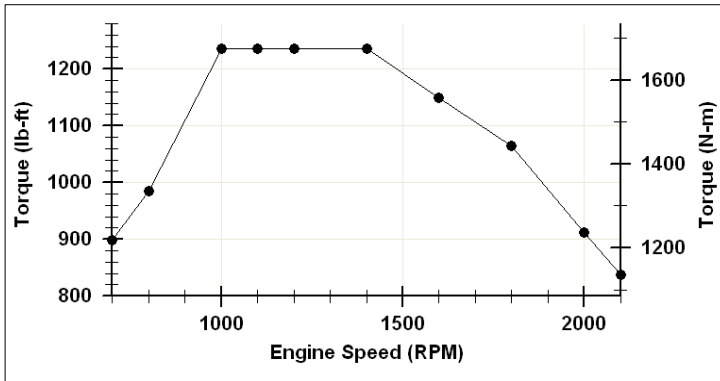
CPL Code  
**8545**

Compression Ratio: **16.3:1**  
 Fuel System: **Celect Electronic**  
 Emission Certification: **U.S. EPA Tier 3, CARB Tier 3, EU Stage IIIA**

Displacement: **660 in3 (10.8 L)**  
 Aspiration: **Turbocharged and Charge Air Cooled**

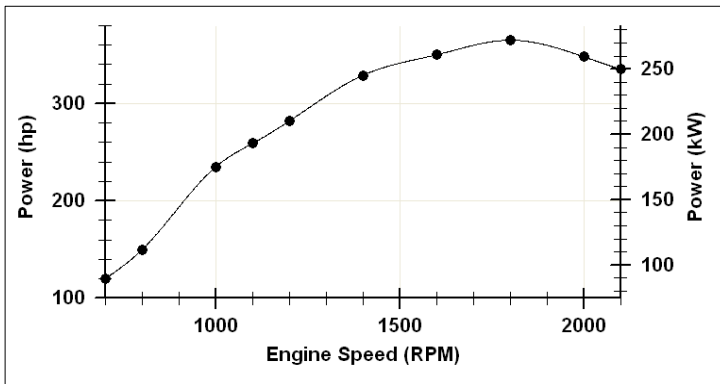
All data is based on the engine operating with fuel system, water pump, and 15 in H<sub>2</sub>O (3.733 kPa) inlet air restriction with 6 in (152 mm) inner diameter, and with 2 in Hg (7 kPa) exhaust restriction with 5 in (127 mm) inner diameter; not included are alternator, fan, optional equipment and driven components. Coolant flows and heat rejection data based on coolants as 50% ethylene glycol/50% water. All data is subject to change without notice.

**Rating Type: Intermittent**



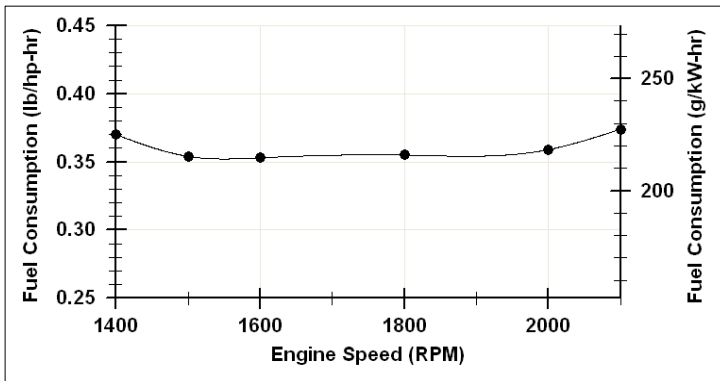
**Torque Output**

RPM	lb-ft	N-m
700	899	1,219
800	985	1,335
1,000	1,235	1,674
1,100	1,235	1,674
1,200	1,235	1,674
1,400	1,235	1,674
1,600	1,150	1,559
1,800	1,064	1,443
2,000	913	1,238
2,100	838	1,136



**Power Output**

RPM	hp	kW
700	120	89
800	150	112
1,000	235	175
1,100	259	193
1,200	282	210
1,400	329	245
1,600	350	261
1,800	365	272
2,000	348	260
2,100	335	250



**Fuel Consumption**

RPM	lb/hp-hr	g/kW-hr
1,400	0.37	225
1,500	0.354	215
1,600	0.353	215
1,800	0.355	216
2,000	0.359	218
2,100	0.374	227

Curves shown above represent gross engine performance capabilities obtained and corrected in accordance with SAE J1995 conditions of 29.61 in Hg (100 kPa) barometric pressure [300ft (91m) altitude] 77 deg F (25 deg C) inlet air temperature, and 0.30 in Hg (1kPa) water vapor pressure with No. 2 diesel fuel. The engine may be operated up to 12,000 ft (3,658 m) altitude before electronic derate is applied.