



Stationary Pump Engine Performance Data  
**DONGFENG CUMMINS ENGINE Co.,LTD**  
 XiangYang, Hubei Province, China  
 www.cumminspowerunits.com

**QSB6.7-P160**

**118 kW @ 2900 r/min**  
**760 N.m @ 1400 r/min**

**FR96113**

**CPL Code**  
**CPL4375**

**Revision**  
**2017/4/25**

**Version**  
**00**

Displacement: 6.7L

Aspiration: Turbocharged & Charge Air Cooled

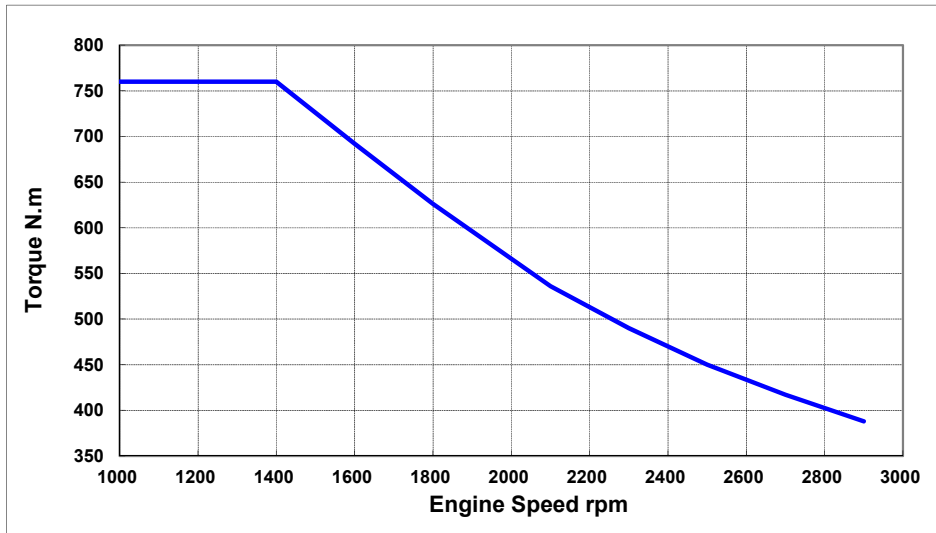
Application: Stationary Fire Pump

Fuel System: HPCR

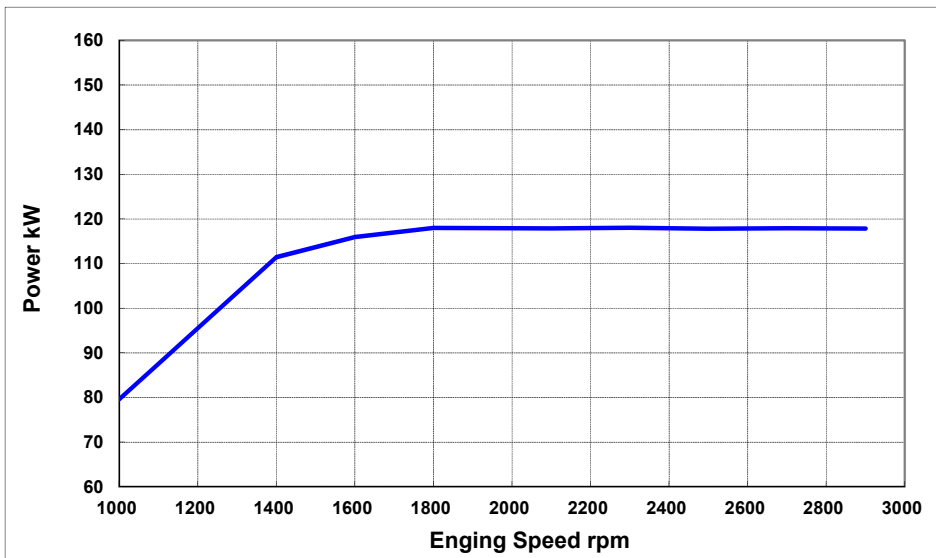
All data is based on the engine operating without air compressor, fan, generator, fan, optional equipment and driven components .  
 All data is based on the engine operating with 3.7 kPa inlet air restriction , 10 kPa exhaust restriction and with 13 kPa Inter-cooled  
 implement differential pressure

Curves shown above represent gross engine performance capabilities obtained and corrected in accordance with GB/T18297  
 of 99kPa baiometric press. 298K inlet air temperature, and 1kPa water vapor pressure .

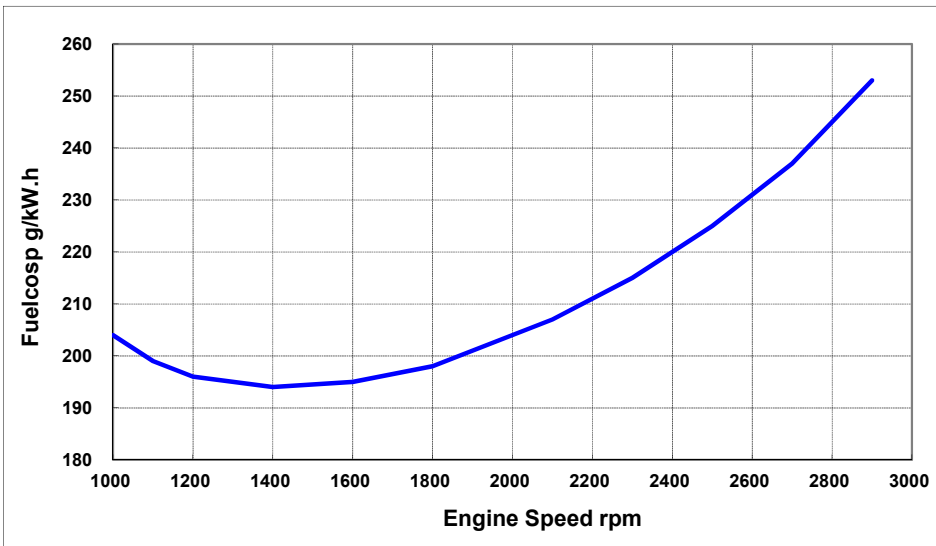
**Performance curve**



Torque	
rpm	N.m
2900	388
2700	417
2500	450
2300	490
2100	536
1800	626
1600	692
1400	760
1200	760
1100	760
1000	760



Power	
rpm	kW
2900	118
2700	118
2500	118
2300	118
2100	118
1800	118
1600	116
1400	111
1200	95
1100	88
1000	80



Fuelcosp	
rpm	g/kW.h
2900	253
2700	237
2500	225
2300	215
2100	207
1800	198
1600	195
1400	194
1200	196
1100	199
1000	204



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**General Performance Data**

Low idle speed:	1000±50	rpm
Maximum no load speed:	3000±20	rpm
Maximum overspeed capability(15sec max):	3300	rpm
When 0% gas pedal loading capacity@1000rpm :	760	N.m
Maximum altitude limit for continuous running:	3800	m
Minimum Pump Inlet Pressure:	6	kPa
Cold start capability(Sea Level without Load)		
Without start add device:	NA	°C
With air intake preheating:	NA	°C
Cold start capability(Sea Level with Load)*		
Max parasitic load at 0°C @ 500r/min without Aid:	NA	N.m
Max parasitic load at -15°C @ 500r/min without Aid:	NA	N.m

\* The data measured at 101kPa atmospheric pressure, crank speed 120r/min, Engine use 5W40 lube oil and diesel refer to GB19147

**Performance data**

Parameter	Advertised Power	Peak Torque	Low Speed
Engine Speed(rpm)	2900	1400	1000
Output Power(kW)	118	111	80
Torque(N.m)	388	760	760
Inlet air flow(L/s)	267.4	118.9	67.2
Charge air flow(kg/min)	20.7	9.2	5.20
Exhaust gas flow(kg/min)	21.2	9.6	5.5
Exhaust gas temperature(deg C)	436	400	530
Heat rejection to coolant(kW)	66.0	47.0	42.0
Radiator coolant flow(L/min)	329.0	189.0	160.0
Heat rejection to charge air cooler(kW)	33.0	11.0	5.0
Turbo Comp.Outlet Pressure(kPa)	141	85	50
Temperature(deg C)	138	102	80
Fuel Consumption(kg/hr)	30	21.5	16