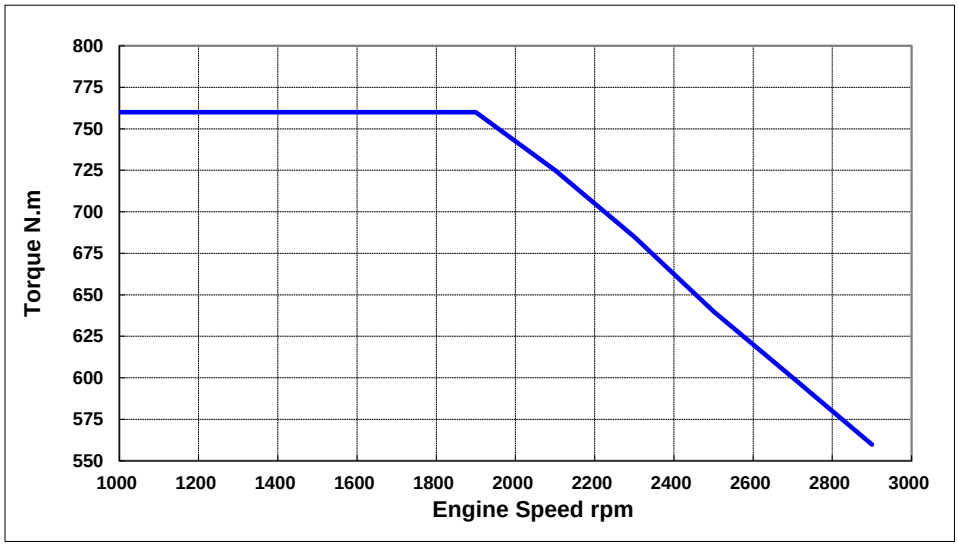
Stationary Pump Engine Performance Data DONGFENG CUMMINS ENGINE Co.,LTD XiangYang, Hubei Province, China www.cumminspowerunits.com	**QSB6.7-P230**	**170 kW @ 2900 r/min 760 N.m @ 1900 r/min**		
	FR96016	**CPL Code CPL4375**	**Revision 2017/4/14**	**Version 00**

Displacement: 6.7L Aspiration: Turbocharged & Charge Air Cooled

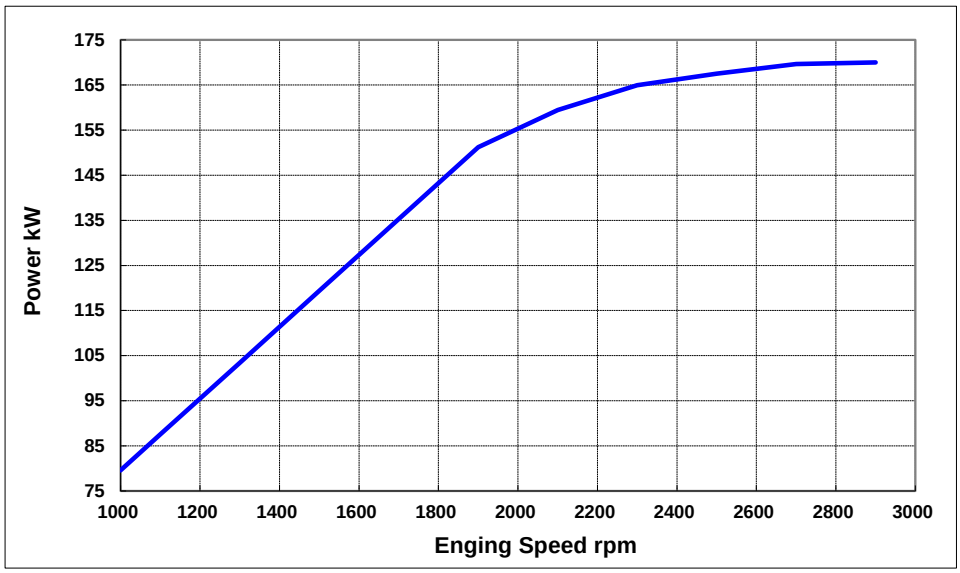
Application: Stationary Fire Pump Fuel System: HPCR

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 .

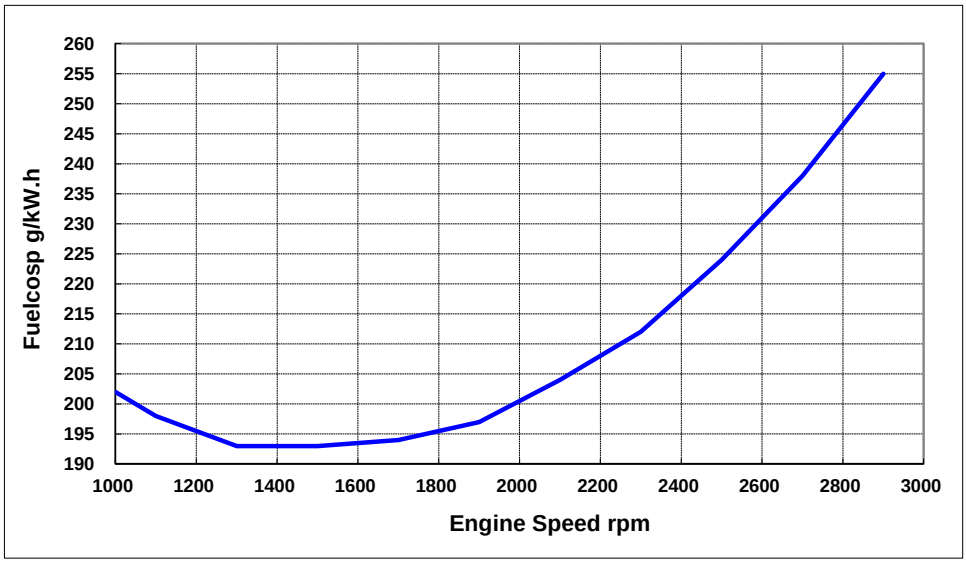
Performance curve



Torque	
rpm	**N.m**
2900	560
2700	600
2500	640
2300	685
2100	725
1900	760
1700	760
1500	760
1300	760
1100	760
1000	760



Power	
rpm	**kW**
2900	170
2700	170
2500	168
2300	165
2100	159
1900	151
1700	135
1500	119
1300	103
1100	88
1000	80



Fuelcosp	
rpm	**g/kW.h**
2900	255
2700	238
2500	224
2300	212
2100	204
1900	197
1700	194
1500	193
1300	193
1100	198
1000	202

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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 continious running:	2000	m
Minimum Pump Inlet Pressure:	6	kPa
Cold start capability(Sea Level without Load)		
Without start add device:	NA	℃
With air intake preheating:	NA	℃
Cold start capability(Sea Level with Load)*		
Max parasitic load at 0℃ @ 500r/min without Aid:	NA	N.m
Max parasitic load at -15℃ @ 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	1900	1000
Output Power(kW)	170	151	80
Torque(N.m)	560	760	760
Inlet air flow(L/s)	271	184	64
Charge air flow(kg/min)	20.95	14.28	4.98
Exhaust gas flow(kg/min)	21.67	14.78	5.25
Exhaust gas temperature(deg C)	505	416	530
Heat rejection to coolant(kW)	126.7	89.3	65.9
Radiator coolant flow(L/min)	380.0	264.8	186.6
Heat rejection to charge air cooler(k	45.2	22.0	3.7
Turbo Comp.Outlet Pressure(kPa)	155	135	51
Temperature(deg C)	179	137	78
Fuel Consumption(kg/hr)	43.3	29.7	16.1