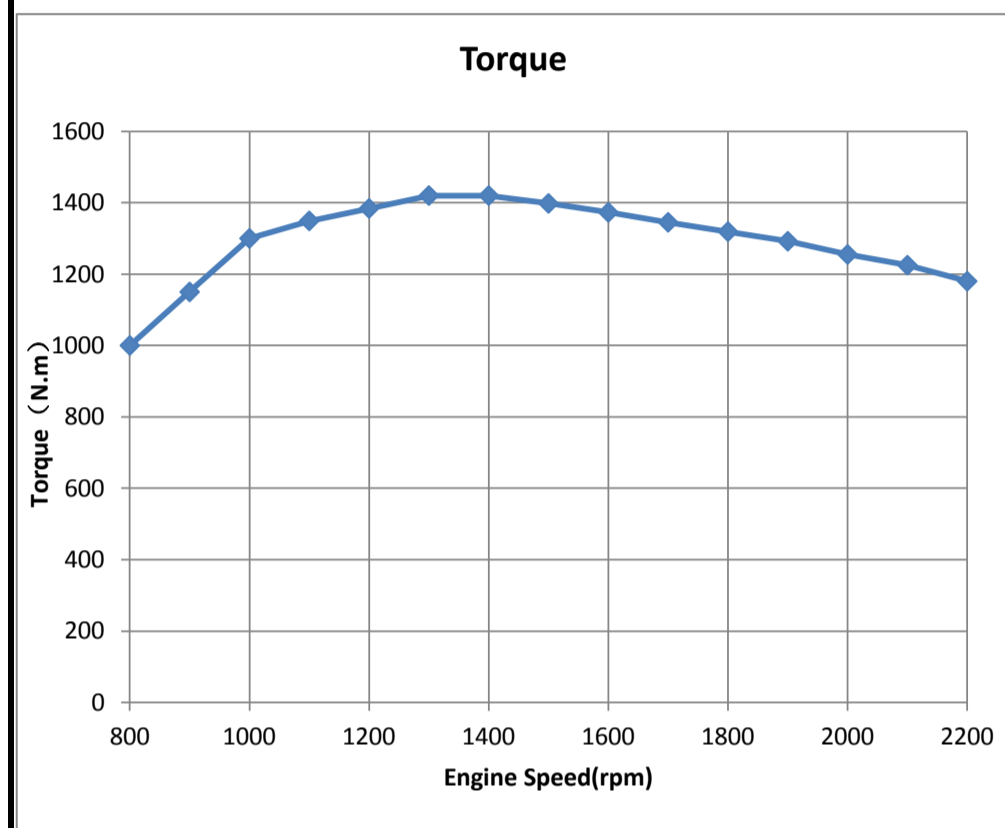


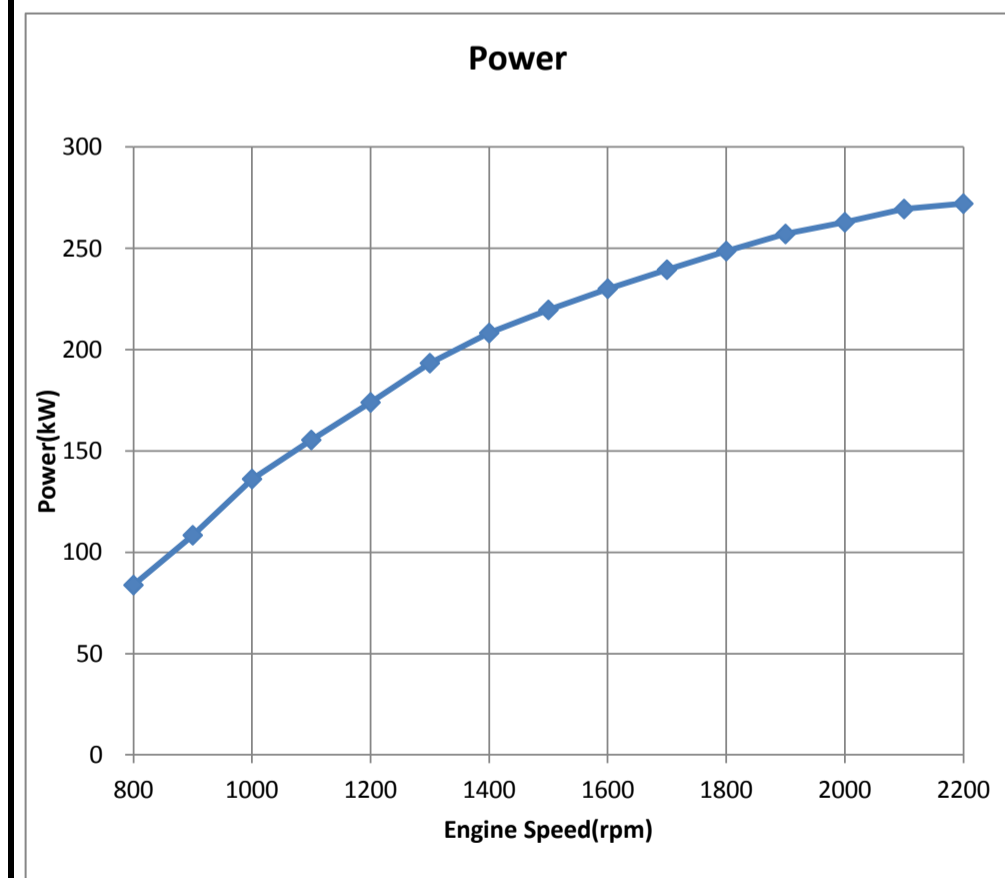


Engine Performance Data Sheet	L375 30	272kW@2200rpm 1420N.m@1400rpm	Automotive
		FR: 93033 CPL code: 3357 data: 2012/11/29	Page 1 Version 01

Cylinders: **6** Bore: **114mm** Stroke: **144.5mm**
 Compressions Ratio: **16.6:1** Displacement: **8.9L** Emission Certification: **NS3**
 Engine Configuration: **D563006BX03** Fuel System: **Wei Fu PH Pump** Aspiration: **Turbocharged&Charge Air Cooled**



Torque	
rpm	N.m
800	1000
900	1150
1000	1300
1100	1349
1200	1384
1300	1420
1400	1420
1500	1398
1600	1373
1700	1345
1800	1319
1900	1292
2000	1255
2100	1225
2200	1180



Power	
rpm	kW
800	84
900	108
1000	136
1100	155
1200	174
1300	193
1400	208
1500	220
1600	230
1700	239
1800	249
1900	257
2000	263
2100	269
2200	272

Performance data is at standard engine test conditions of 25degC turbo air inlet temperature, 100kPa barometric pressure and coolant 50/50 Ethylene Glyco/Water by volume.

All data is based on the engine operating with fuel system, water pump with inlet and exhaust restriction at or below Datasheet limits. Not included are air compressor fan and alternator.

All data within ±5%



Engine Performance Data Sheet	L375 30	272kW@2200rpm	Automotive
		1420N.m@1400rpm	
		FR: 93033	Page 2
		CPL code: 3357	
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 Engine Configuration: **D563006BX03** Fuel System: **Wei Fu PH Pump** Aspiration: **Turbocharged&Charge Air Cooled**

General Performance Data

Low idle speed: **700** rpm
 Maximum no load speed: **2500** rpm
 Maximum overspeed capability(15sec max): **3500** rpm
 Clutch engagement torque at 800 rpm: **1030** N.m
 Maximum altitude for continuous operation: **2000** m

Air Intake System

Maximum temperature rise between ambient air and engine air inlet: **15** deg C

Exhaust System

Maximum back pressure imposed by complete exhaust system: **10** kPa

Cooling System

Maximum coolant temperature(engine out)with 100kPa pressur cap: **110** deg C
 Maximum coolant pressure(exclusive of pressure cap;closed thermostat): **290** kPa
 Maximum temperature rise between ambient air and intake manifold: **30** deg C
 Max. DP between turbo out and manifold in: **13.5** kPa
 Maximum coolant temperature for engine protection controls: **N/A** deg C
 Maximum coolant flow to accessories: **56** L/min
 Refer to AEB21.52 fr territory related cooling standard

Performance data

Parameter	Advertised Power	Cooling Checkpoint	Peak Torque
Engine Speed(rpm)	2200		1400
Output Power(kW)	272		208
Torque(N.m)	1180		1420
Inlet air flow(L/s)	356		235
Charge air flow(kg/min)	25		17
Exhaust gas flow(L/s)	941		629
Exhaust gas temperature(deg C)	515		525
Heat rejection to coolant(kW)	120		74
Radiator coolant flow(L/min)	280		175
Heat rejection to charge air cooler(kW)	75		34
Turbo Comp.Outlet Pressure(kPa)	180		140
Turbo Comp.Outlet Temperature(deg C)	147		135
Fuel Consumption(kg/hr)	62		40

Performance data is at standard engine test conditions of 25degC turbo air inlet temperature,100kPa barometric pressure and coolant 50/50 Ethylene Glyco/Water by volume.

All data is based on the engine operating with fuel system,water pump with inlet and exhaust restriction at or below Datasheet limits.Not included are air compressorfan and alternator.

All data within ±5%