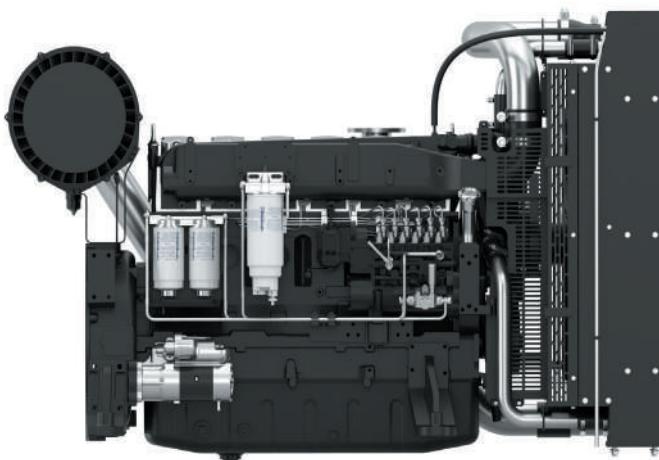


6M21

PowerKit Variable Speed Engine



Bore x Stroke (mm)	127 x 165
Displacement (L)	12.5
N° of Cylinders	6
Cylinders Arrangement	In line
Fuel System	Mechanical Pump
Governor (Gov.)	Mechanical
Aspiration (Asp.)	T/A-A

Customer benefits

- Variable speed engines optimised for use between 800 and 2200 Rpm
- Straightforward mechanical injection for easy maintenance
- Strong tolerance to varying fuel quality
- Peace of mind with best-in-class warranty of 2 years/2500 working hours

Variable Speed Engine					Coupling			
Model	Maximum Power KWm (HP)	Cylinders config.	Asp.	Displ.	Housing	Flywheel	Gov	
6M21V2D0	370 (503)	6-inline	T/A-A	12.5	Sae 1	14"	Mech	

Model		Engine max. gross power + Torque + Fuel Consumption													
		800 RPM	900 RPM	1000 RPM	1100 RPM	1200 RPM	1300 RPM	1400 RPM	1500 RPM	1600 RPM	1700 RPM	1800 RPM	1900 RPM	2000 RPM	2100 RPM
	kWm	157	188	213	266	293	314	335	352	352	370	370	370	371	370
6M21V2D0	N.m	1668	1795	1847	1950	2002	2002	2002	1978	1980	1964	1862	1768	1687	1604
	gr/kWh	201	195	193	192	191	192	195	198	197	202	206	211	217	225

Standard equipment

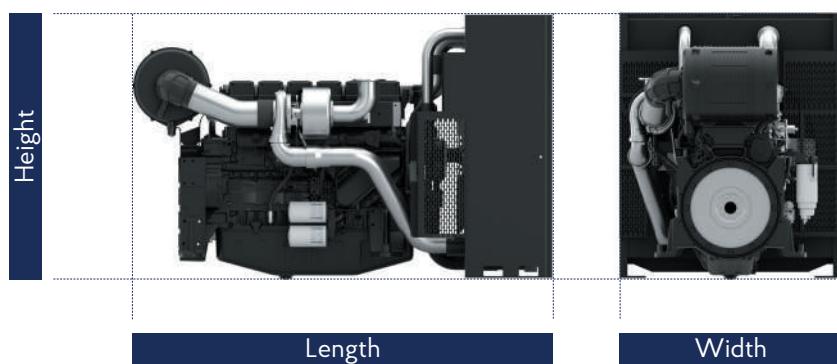
Engine and block	Cast iron gantry type structure block One-piece forged crankshaft Separate cast iron cylinder heads and replaceable dry cylinder liners Aluminum alloy pistons with oil cooling gallery
Cooling system	Radiator and hoses supplied directly mounted on the engine Thermostatically-controlled system with belt driven coolant pump and pusher fan
Lubrication system	Flat bottom large capacity oil pan Spin-on full-flow lube oil filter
Fuel system	Optimum performance and efficient use of fuel for continuous duty Duplex fine filter for better efficiency
Air intake and exhaust system	Special rear mounted air filter with restriction indicator Exhaust manifold shield for heat isolating
Electrical system	24V DC electric starter motor and battery charging alternator
Flywheel and housing	SAE1 flywheel housing and 14" flywheel

Ratings definitions

Continuous Power (COP)

Power and/or speed are cyclic. The maximum time at rated load and speed is not to exceed 80%. Engine average load factor is to be <85%.

Dimensions and dry weight (mm/kg)



Variable Speed Engine	Dimensions and dry weights including radiator			
Model	L (mm)	W (mm)	H (mm)	Weight (Kg)
6M21V2D0	2163	1136	1359	1280