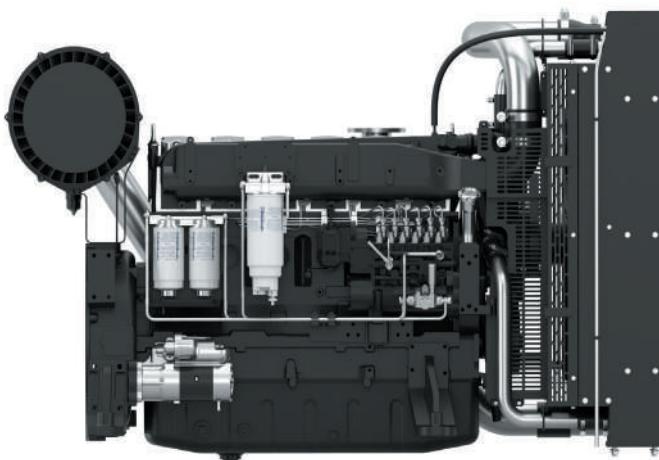


6M16

PowerKit Variable Speed Engine



Bore x Stroke (mm)	126 x 130
Displacement (L)	9.7
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	
6M16V2D0	255 (346)	6-inline	T/A-A	9.7	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	2200 RPM	
		kWm	73	91	115	141	167	196	215	228	238	245	251	256	261	265	272
6M16V2D0		N.m	873	966	1095	1224	1325	1437	1467	1449	1420	1378	1329	1288	1247	1206	1180
		gr/kWh	201	200	196	195	192	190	189	189	191	193	197	200	205	211	218

Standard equipment

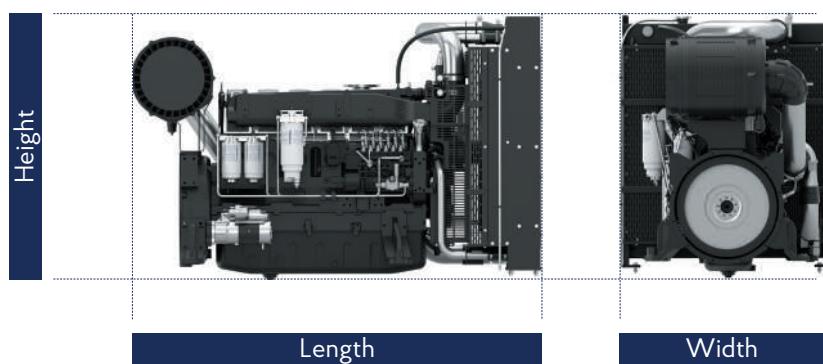
Engine and block	Cast iron gantry type structure block One-piece forged crankshaft Separate cast iron cylinder heads and replaceable dry cylinder liners Aluminum alloy pistons with oil cooling gallery
Cooling system	Radiator and hoses supplied separate Thermostatically-controlled system with belt driven 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	SAE 1 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)
6M16V2D0	1983	1033	1264	1122