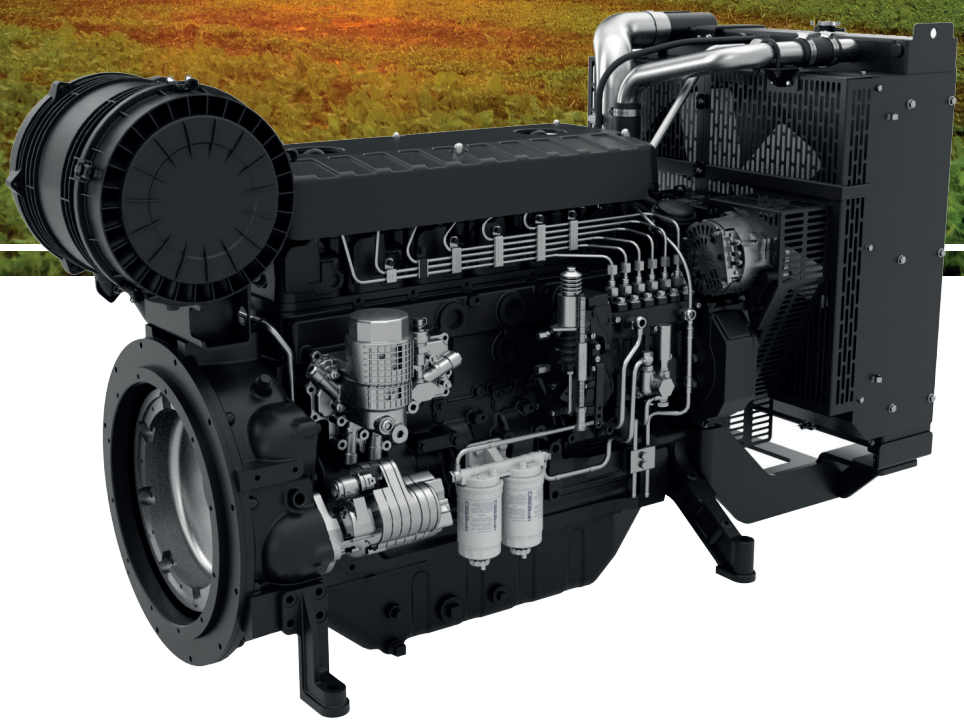
MOTEURS Baudouin

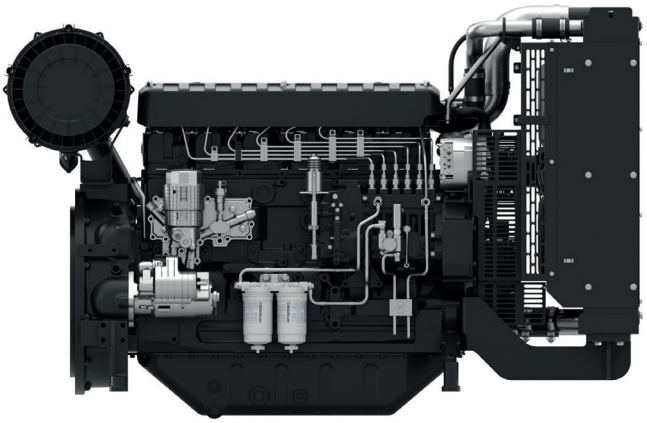


6M11

PowerKit Variable Speed Engine

6M11

PowerKit Variable Speed Engine



Bore x Stroke (mm)	105 x 130
Displacement (L)	6.8
N° of Cylinders	6
Cylinders Arrangement	In line
Fuel System	Mechanical Pump
Governor (Gov.)	Mechanical
Aspiration (Asp.)	Turbocharged & air-to-air cooled

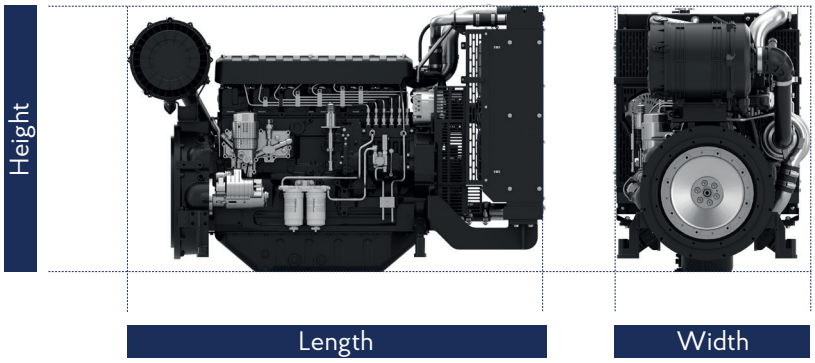
Customer benefits

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
6M11V2D0	150 (204)	6-inline	T/A-A	6.8	Sae 3	11,5"	Mech
6M11V4D0	180 (245)	6-inline	T/A-A	6.8	Sae 3	11,5"	Mech

		Engine max. gross power + Torque + Fuel Consumption														
Model		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
6M11V2D0	kWm	59	72	84	95	103	111	118	126	132	136	141	143	146	147	149
	N.m	706	763	806	823	820	814	807	799	788	767	747	720	698	667	645
	gr/kWh	203	197	194	191	190	189	188	189	189	190	193	195	199	203	206
6M11V4D0	kWm	54	68	83	96	108	121	132	139	149	158	168	178	182	181	179
	N.m	642	720	797	832	860	886	900	884	888	889	889	892	871	824	779
	gr/kWh	212	205	201	199	198	197	196	195	197	198	201	204	208	212	217

Dimensions and dry weight (mm/kg)



Variable Speed Engine	Dimensions and dry weights including radiator			
Model	L (mm)	W (mm)	H (mm)	Weight (Kg)
6M11V2D0	1717	811	1097	710
6M11V4D0	1717	811	1097	710

Standard equipment

Engine and block	Cast iron gantry type structure block One-piece forged crankshaft Separate cast iron cylinder heads and wet 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	12V DC electric starter motor and battery charging alternator
Flywheel and housing	SAE 3 flywheel housing and 11.5” flywheel

Ratings definitions

Industrial Continuous Power

This power rating is for applications that operate with constant load and speed except for short periods during startup or shutdown. This rating conforms to ISO 3046 Continuous Power.