



8M33

Variable Speed Engine



Customer benefits

Optimized for Variable Speed: Delivers efficient performance across a wide range of operating speeds for both stationary and mobile applications.

Effortless Maintenance: Minimizes downtime with easy access to service.

Fuel Versatility: Engineered to handle the realities of varying fuel quality.

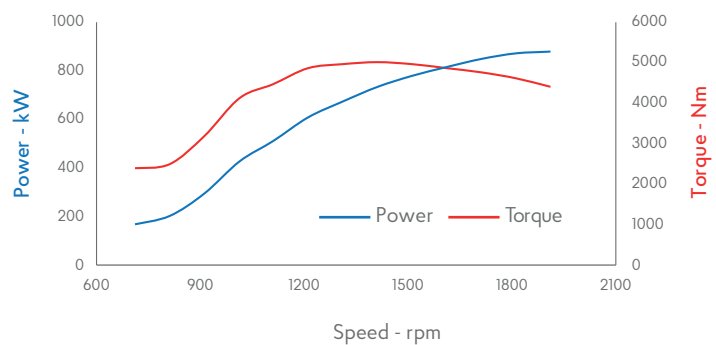
Unmatched Peace of Mind: Backed by a best-in-class warranty of 2 years / 2500 working hours for peace of mind.

Engine Model	Rated Power	Peak Torque	Displacement	Cylinders	Voltage	Aspiration	Coupling		Throttle
							FWH	FW	
8M33V4D0	900 kW@ 1900 rpm	5150 Nm@ 1400 rpm	26.1L	V8	24V	T/A-A	SAE0	18"	ECU

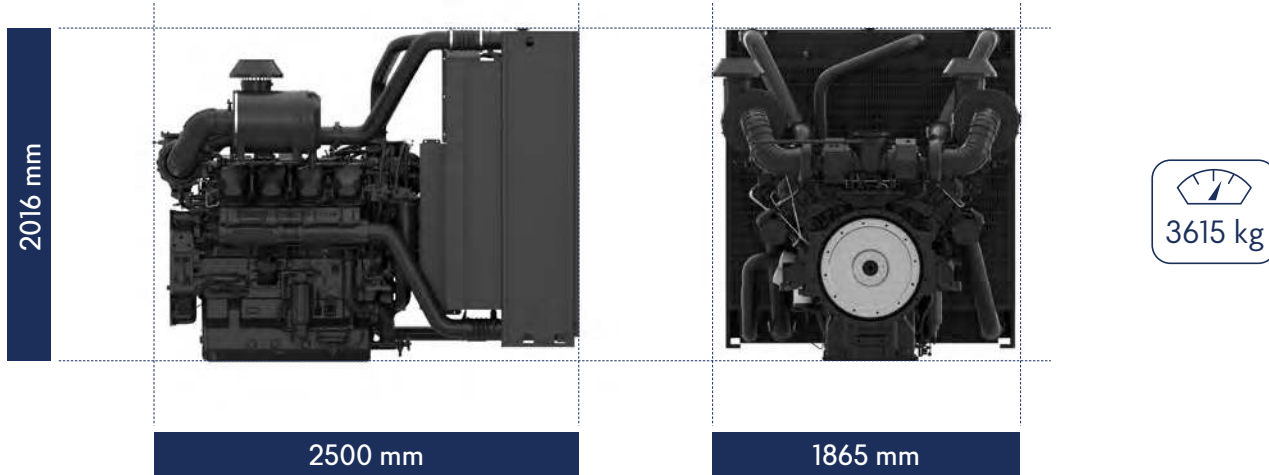
NA=Natural Aspirated, T=Turbocharged, T/A-A=Turbocharged & Air to Air aftercooled, T/A-W=Turbocharged & Air to Water aftercooled

Torque Curve

rpm	Nm	kW
1900	4534	902
1800	4747	895
1700	4895	871
1600	5000	838
1500	5100	801
1400	5150	755
1300	5100	694
1200	5000	628
1099	4600	530
1002	4251	445
900	3300	311
800	2600	218
700	2500	183



Dimensions and dry weight



Standard equipment

Engine and block

Cast iron 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 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