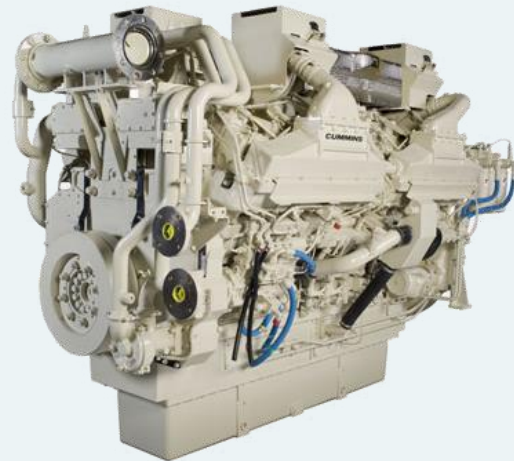


CUMMINS QSK60-DM

> 1563-1900 KW @ 1500-1800 RPM

- > **Common Rail Fuel System**
- > **Water cooled turbo and exhaust manifold**
- > **Low noise and vibrations**



Cummins Auxiliary Engine

QSK60 has 16 cylinders (V16) with Modular High Pressure Common Rail Fuel System, which provides good fuel economy and low emissions. The air intake is turbocharged. Water cooled exhaust manifold lowers the surface temperature of the engine and ensures reliable operation. Low rpm reduces noise and vibration levels. 24-volt electrical system with Nogva Motor Computer monitoring system. The Q-Series was launched in 2005, designed to meet current and future stringent environmental requirements.

Standard version configured for keel cooling.

Rated power and fuel consumption				
<u>RPM / Hz</u>	1500 / 50		1800 / 60	
Generator effect	1563 kW		1900 kW	
Fuel Consumption 100%	378,1 L/h	203 g/kWh	486,3 L/h	215 g/kWh
Fuel Consumption 75%	284,7 L/h	204 g/kWh	355,1 L/h	209 g/kWh
Fuel Consumption 50%	199,6 L/h	214 g/kWh	246,1 L/h	217 g/kWh
Fuel Consumption 25%	113,9 L/h	244 g/kWh	148 L/h	261 g/kWh
Emission rating	EPA Tier 2 Eu Stage 3a IMO Tier 2		EPA Tier 2 Eu Stage 3a IMO Tier 2	

Standard equipment

- > Nogva Motor Computer V2-G
- > Electronic regulation
- > Double wall fuel pipe
- > 2-pole electrical system
- > Exhaust compensator
- > Silencer
- > Bilge pump for lub.oil
- > Engine brackets
- > Water cooled manifold
- > Vibration isolators
- > Base frame in steel
- > Heat elements in generator
- > With droop transformer for parallel operation

Optional equipment

- > Box cooler
- > Plate heat exchanger
- > Radiator cooling
- > Engine heater

CUMMINS QSK60-DM

General Data		Exhaust System		
Model	QSK60-DM	RPM / Power	1500 / 1563 kW	1800 / 1900 kW
Rating type	Prime power	Exhaust temperature	477 °C	418 °C
Number of cylinders	16	Exhaust flow	300,2m ³ /min	404,5m ³ /min
Engine type	V16, 4-cycle	Air System		
Fuel system	Modular common rail	Intake air flow	2077 l/sec	3009 l/sec
Displacement	60,2 L	Heat rejection to ambient	66 kW 3735 BTU/min	84 kW 4799 BTU/min
Aspiration	Turbocharged	Intake manifold pressure	30,3 kPa	42 kPa
Bore and stroke	159 x 190 mm	Fuel System		
Compression ratio	14,5:1	Fuel flow to pump	844,1 l/h	964,7 l/h
Weight, dry	8755 kg	Fuel flow return to tank	466 l/h	478,4 l/h
Oil capacity	261 L	Average fuel consumption	192,1 l/h	239,8 l/h
Rated engine torque (50Hz)	9945 Nm	Average Noise Level		
Rated engine torque (60Hz)	10076 Nm	Idle	-- dBA @ 1m	-- dBA @ 1m
		Rated	103,7 dBA @ 1m	105,3 dBA @ 1m

Dimensions with Stamford P80

