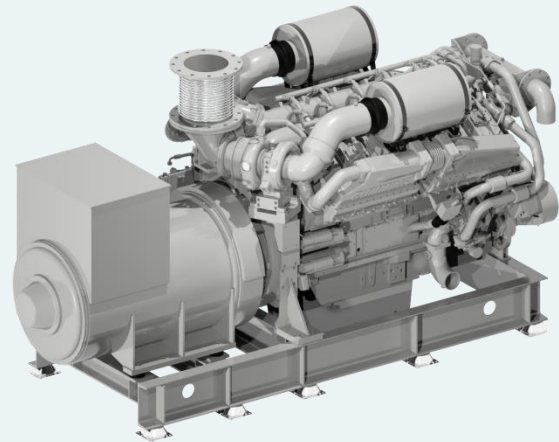


CUMMINS QSK38-DM

> 984-1044 kW @ 1500-1800 RPM

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



Cummins Auxiliary Engine

QSK38 has 12 cylinders (V12) 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	984 kW		1044 kW	
Fuel Consumption 100%	247 L/h	213 g/kWh	266,5 L/h	217 g/kWh
Fuel Consumption 75%	190,6 L/h	219 g/kWh	204 L/h	221 g/kWh
Fuel Consumption 50%	135,4 L/h	234 g/kWh	147,8 L/h	241 g/kWh
Fuel Consumption 25%	75 L/h	259 g/kWh	87,3 L/h	284 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 QSK38-DM

General Data		Exhaust System		
Model	QSK38-DM	RPM / Power	1500 / 984 kW	1800 / 1044 kW
Rating type	Prime power	Exhaust temperature	394 °C	359 °C
Number of cylinders	12	Exhaust flow	171,2m ³ /min	191,5m ³ /min
Engine type	V12, 4-cycle	Air System		
Fuel system	Modular common rail	Intake air flow	1303 l/sec	1565 l/sec
Displacement	37,7 L	Heat rejection to ambient	39 kW 2241 BTU/min	39 kW 2241 BTU/min
Aspiration	Turbocharged	Intake manifold pressure	28,4 kPa	31,3 kPa
Bore and stroke	159 x 159 mm	Fuel System		
Compression ratio	15:1	Fuel flow to pump	503,7 l/h	564,4 l/h
Weight, dry	4640 kg	Fuel flow return to tank	256,6 l/h	298 l/h
Oil capacity	114 L	Average fuel consumption	128,9 l/h	141,7 l/h
Rated engine torque (50Hz)	6266 Nm	Average Noise Level		
Rated engine torque (60Hz)	5538 Nm	Idle	-- dBA @ 1m	-- dBA @ 1m
		Rated	-- dBA @ 1m	-- dBA @ 1m

Dimensions with Stamford P7

