

BFM 1015

for mobile machinery

195 - 440 kW | 261 - 590 hp at 1500 - 2100 min⁻¹ | rpm

EU stage II / US EPA Tier 2

- Water-cooled V6 and V8 engines with turbocharging, charge air cooling and four-valve technology.
- Very compact engine design reduces the installation costs.
- Wet cylinder liners, long oil change intervals and easy changing of the engine fluids reduce the running and service costs and increase the availability of the machinery.
- Best cold starting performance even under extreme conditions.



- Robust and reliable mechanical injection system.

- Also available with an electronic motor regulator (EMR) to allow easy integration into the electronic device control and monitoring system.
- Low noise emissions due to acoustically optimized components with very smooth running and high durability.
- The robust engine design allows worldwide operation even with high sulphur fuels.

Technical data

Engine type		BF6M1015C	BF6M1015CP	BF8M1015C	BF8M1015CP
No. of cylinders		6	6	8	8
Bore/stroke	mm in	132/145 5.20/5.71	132/145 5.20/5.71	132/145 5.20/5.71	132/145 5.20/5.71
Displacement	l cu in	11.9 726.2	11.9 726.2	15.9 970.3	15.9 970.3
Maximum nominal speed	min ⁻¹ rpm	2100	2100	2100	2100

Power output ¹⁾		BF6M1015C	BF6M1015CP	BF8M1015C	BF8M1015CP
Power output as per ISO 14396	kW hp	300 402	330 443	400 536	440 590
at speed	min ⁻¹ rpm	2100	2100	2100	2100
Max. torque	Nm lb/ft	1978 1459	1875 1383	2637 1945	2500 1844
at speed	min ⁻¹ rpm	1200	1300	1200	1300
Minimum idling speed	min ⁻¹ rpm	550	550	550	550
Specific fuel consumption ²⁾	g/kWh lb/hph	203 0.334	210 0.345	204 0.335	212 0.359
Weight as per DIN 70020 Part 7A ³⁾	kg lb	850 1874	850 1874	1060 2337	1060 2337

1) Power data without deduction of fan power.

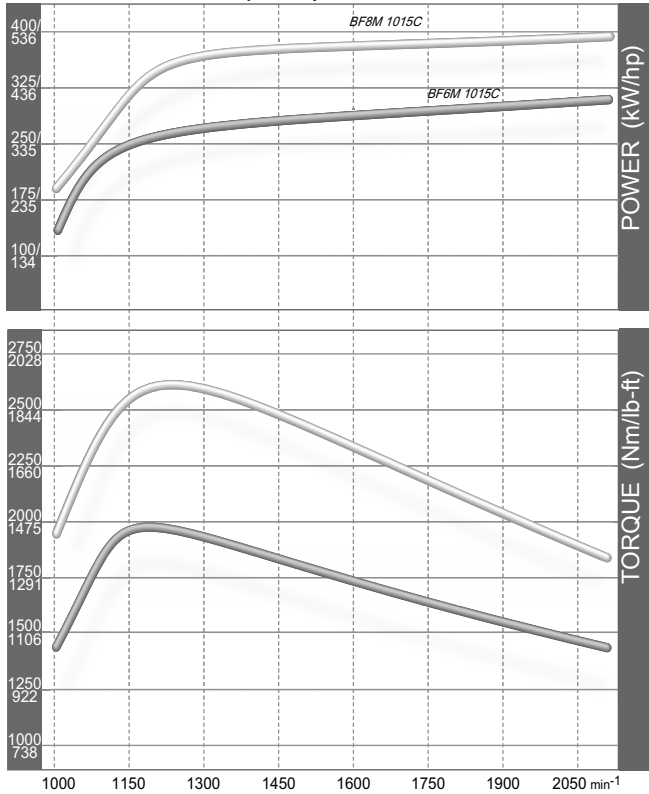
2) Best full load consumption refers to diesel with a density of 0.835 kg/dm³ at 15°C | 6.96 lb/US gallon at 60°F.

3) Without starter/alternator, cooler and fluids but with flywheel and flywheel housing.

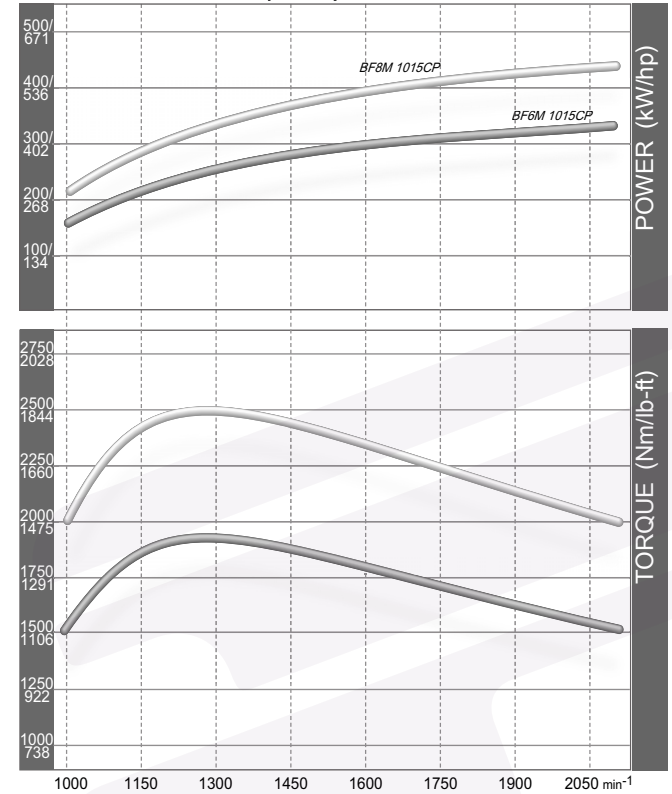
The data on this data sheet are for information purposes only and are not binding values. The data in the quotation is definitive.

Torque curve

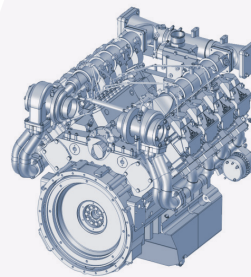
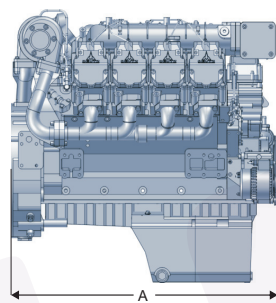
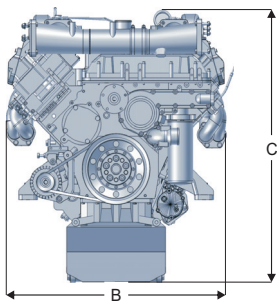
BF8M 1015C - 400kW|536 hp
BF6M 1015C - 300kW|402 hp



BF8M 1015CP - 440kW|590 hp
BF6M 1015CP - 330kW|443 hp



Dimensions



		A	B	C
BF6M1015C	mm in	841 33.1	932 36.7	1170 46.1
BF6M1015CP	mm in	841 33.1	932 36.7	1170 46.1
BF8M1015C	mm in	1151 45.3	932 36.7	1170 46.1
BF8M1015CP	mm in	1151 45.3	932 36.7	1170 46.1

Note: The engine dimensions and weights vary depending on the scope of delivery.