

DEUTZ engine BF4M1013

Aspiration: Turbocharged Inter-Cooled
Displacement: 4.764L
Bore*Stroke: 108*130mm
Rated Power: 117~140KW@2300rpm
Maximum Torque: 580~700N.m@1400rpm



Fuel System:

EU I /EU II: Mechanical in-line pump, VE pump.
EU III: Electronic controlled unit pump.

Fuel Consumption: $\leq 193\text{g/KW.h}$
Emission: EU I EU II EU III
Whole Engine Weight: 520KGS
Length*Width*Height: 913*600*950mm

TECHNOLOGY FEATURES:

1. Adopt the unit pump structure tested for 12 years in European markets, stable performance, reliable and average heavy repair mileage is 100,000 kilometers higher than other kind products, with 30 days more attendance in a year.
2. Adopt structures off the unit pump with the highest injection pressure and top built intake duct, short and high pressure pipe, met the emission standard, save 2 to 3 liters fuel per one hundred kilometers compared with other kind products.
3. Unique single injection pump fuel supplying system, low requirements for fuel quality, adaptable to Chinese fuel quality and guaranteed the reliability of the complete engine.
4. Noise lower than 96 decibels, the only one engine met the standard without assistant approaches in China.
5. Integrated design, compact structure, smaller and lighter than kind products by 100 to 150 kilograms.
6. Simple structure and easy to maintenance, all the repair point are on the same side with the engines; Series 2012 adopted non cylinder liner and none valve guide structure.