

Genuine DEUTZ Parts

Pistons for liquid-cooled compact engines

Did you know that in one day a piston in your DEUTZ engine travels the equivalent of the distance between Toronto and New York?*



* A piston in DEUTZ engine BF4M2011 operating at 1800 min^{-1} covers 580 km (over 360 miles) in 24 hours when all up and down movements are added together – that's equivalent to the distance between Toronto and New York.



The engine company.



Genuine DEUTZ pistons for liquid-cooled compact engines



- | | |
|---------------------------|---|
| 1 Graphite coating | 6 Groove for compression ring with high-alloy cast iron ring insert |
| 2 DEUTZ logo | 7 Groove f. oil scraper ring |
| 3 Piston crown | 8 Oil return bore |
| 4 Combustion chamber bowl | 9 Piston pin bushing |
| 5 Head land (top land) | |



Scope of supply

- Piston fitted with piston rings
- Piston pin
- Piston pin circlip

Saves time and prevents assembly errors.

Genuine DEUTZ pistons for the toughest loads

- Combustion pressure up to 160 bar
- Surrounded by gases with temperatures up to 2000°C
- At 1800 min⁻¹ pistons and piston rings change direction 5,284,000 times in 24 hours
- High-alloy cast iron ring insert protects first piston ring groove from wear
- Hard anodising prevents thermal and mechanical overload and cracks to bowl edge and crown
- Rounding-off of all edges and offsets protects against heat cracks
- Graphite coating ensures excellent wear properties

Safety with DEUTZ pistons

- Perfect matching of all parts with the engine through application of knowledge from latest DEUTZ developments ensures conformity with current exhaust emission limits
- Perfect fit of cylinder liner, piston and piston rings minimises noise emissions and reduces fuel and oil consumption
- Consistent quality through DEUTZ specifications and ISO 9001 standard ensures reliability
- Identification of correct piston with correct rings by authorised DEUTZ representative ensures maximum operational safety and minimal emissions

DEUTZ pistons save you money

- Reduced fuel and oil consumption, low exhaust emissions
- Long service life
- Greater operational safety

Only genuine DEUTZ parts give optimal protection.

Genuine DEUTZ parts only in genuine DEUTZ packaging, protected by the label with:

- hologram
- logo (glows in UV light)
- and perforation



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