MaK Parts & Service
Wingless Exhaust Valves

Genuine MaK Parts for M 43 (C) & M 46 DF

Why insist on Genuine MaK Parts?

More Profit
Greater reliability and longevity maximizes your uptime and reduces Total Cost of Operation.

Lower Operating Cost
With longer life and longer Time Between Overhauls, MaK engines cost less to operate with genuine MaK parts.

Greater Safety
MaK engines operated with genuine MaK parts perform longer with fewer unplanned maintenance events or risk of failure.

Availability
All parts can be dispatched within 24 hours through our strategically located distribution centre and delivered globally by our authorized distributors.

Contact your local dealer:

Contact your local Marine dealer:

Visit us on Shipserv at:
http://www.shipserv.com/search/results/index/zone/mak

Caterpillar Motoren GmbH & Co.KG
Falckensteiner Str. 2
24159 Kiel/Germany

Phone: +49 431 3995 01
Telefax: +49 431 3995 2103

For more information please visit our website:
cat.com/marine

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Genuine MaK valves are the only valves engineered and manufactured to the specific standards and tolerances required to work optimally with MaK engines. Caterpillar Motoren manufactures its own MaK exhaust valves to the highest quality standards, giving you the assurance of long component life. Our engineering, quality materials, and process controls create wear-resistant valves guaranteed to offer long service life with minimal risk of failure.

Genuine MaK exhaust valves are faced with one of the most sophisticated heat and corrosion resistant material available today. Powder welding to the valve, using a proprietary process designed to ensure complete fusion and bonding to the parent material.

For more than 25 years, MaK exhaust valves have been manufactured at the Caterpillar Motoren in Kiel, Germany, by highly qualified personnel utilizing the same quality manufacturing processes used for our engines.

Converting to wingless valves

In the long run, converting to exhaust valves with a rotator is beneficial for the engine's operation, designed to reduce your operation costs under all future operating conditions.

Engine overhauls are a good opportunity for shifting to the new exhaust valve style. We recommend having all cylinder units of one engine exchanged. However, an operation with a mix of winged and wingless exhaust valves on one engine is permissible. But both exhaust valves on one cylinder head have to be of the same style.

Conversion kits for MaK cylinder heads are available. They include the following parts:
- Valve spindles, exhaust
- Valve rotators
- Spring plates

Please contact your local dealer for more information about equipping your engine with the new exhaust valves.