

ORIGINAL IS:

# EFFICIENCY

IT'S AFFORDABLE TO STAY COMPETITIVE

# QUALITY

LONG-TERM PROTECTION FOR YOUR INVESTMENT

# SAFETY

RELIABILITY TO STRENGTHEN YOUR BUSINESS

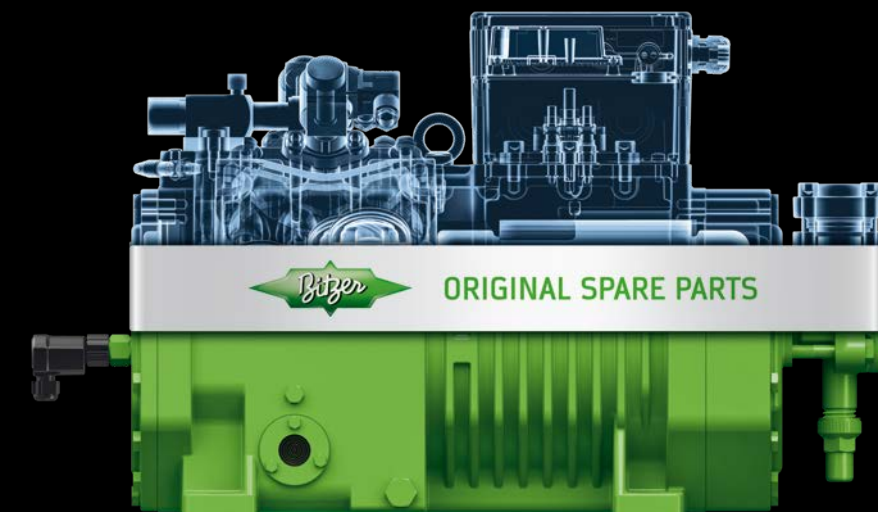
# SERVICE

SUPPORT WHENEVER AND WHEREVER YOU NEED IT



ORIGINAL IS SAFE

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Subject to change // 80004302 // 04.2020



SPARE PARTS  
AND OIL

ePARTS  
SOFTWARE

## SAFETY OF THE HIGHEST QUALITY:

### QR CODE AUTHENTICATION



BITZER offers an easy authenticity check of products by scanning the QR code on the packaging of BITZER Original Spare Parts. It protects against counterfeits as it contains information that only BITZER can provide. Customers worldwide receive the respective part description and picture, part number, specific protection data, as well as direct access to the relevant documentation in the free ePARTS SOFTWARE. The use of non-original spare parts puts compressor safety and reliability at serious risk. Only BITZER ORIGINAL SPARE PARTS give you safety of the highest quality and optimal performance.



ePARTS makes finding the appropriate spare parts for our products fast and easy. The parts are listed according to the model range and appear as an easily zoomable expanded-view drawing. As a direct BITZER customer registered on myBITZER, you benefit from additional advanced features – for example, the ability to view online the recommended price of individual spare parts. Even faster, easier and more intuitive: with the myBITZERshop, selected customers with a connection to the ePARTS SOFTWARE will be able to order all spare parts conveniently online.

### RECOMMENDED ORIGINAL SPARE PARTS

Recommended ORIGINAL SPARE PARTS are fully integrated into the enhanced functionality of ePARTS. ePARTS allows quick access to commonly used components for service and maintenance. This helps to maintain high availability of components for systems that require maximum reliability and performance, especially in industrial applications or remote areas. It helps to reduce downtime and ensures you always have the requirements of demanding applications covered.



Selected Authorised Original BITZER Spare Parts and Oil Dealers offer Original BITZER products, give support with parts selection and keep a stock of Original BITZER Spare Parts and Oils according to their detailed local market knowledge.

## SMALL DETAILS MAKE ORIGINALS MUCH BETTER:



### BITZER ORIGINAL ELECTRIC MOTORS

- // Rated electrical specifications of motor on label affixed to winding; international certificates and safety commitment.
- // Guaranteed copper quality, insulation materials and execution.
- // PTC temperature sensors installed in windings provide thermal protection.

### REWOUND ELECTRIC MOTORS

- // No label with electrical ratings may lead to operation outside of motor limits. No commitment to safety regulations.
- // Potential high vibrations in coils due to poor quality during rewinding process. Risk of spot burn damage in coils.
- // Absence of temperature sensors for protection against winding overheating.



### BITZER ORIGINAL VALVE PLATES

- // Clean machining and assembly of valves to improve tightness and performance.
- // Discharge bores with pressed valve seat to improve tightness.
- // Suction reeds with clean finish and star-centred cut to guarantee correct design.

### NON-ORIGINAL VALVE PLATES

- // Poor machining and finish, especially on valve seats, may lead to leakage during operation.
- // Sharp valve seat edges and poor finish affect leakage rates through valves.
- // Poor cut finish on suction reeds may result in shorter valve life.

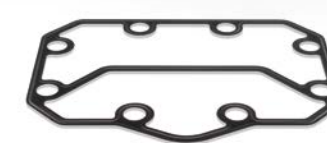


### BITZER ORIGINAL PISTONS AND CONNECTING RODS

- // Dimensions and finish of pistons have tight tolerances to guarantee optimised efficiency.
- // High surface finish and customised shape of suction valve seats to minimise the effects of dead space.

### NON-ORIGINAL PISTONS AND CONNECTING RODS

- // Poor finish and non-optimised diameters of pistons. Different diameters at piston top and bottom may lead to reduced volumetric efficiency, resulting in lower cooling capacity.
- // Design of suction valve seats not optimised to specific compressor model.



### BITZER ORIGINAL GASKETS

- // Optimised selection of gasket material for better compatibility with all refrigerants and lubricants.
- // Controlled thickness on suction side of valve plate optimises dead space of compressor.

### NON-ORIGINAL GASKETS

- // Non-original gaskets often made of asbestos, which has been banned from the market since 1995.
- // Counterfeit gaskets are generally made of soft material and have rough surfaces that do not ensure proper tightness.