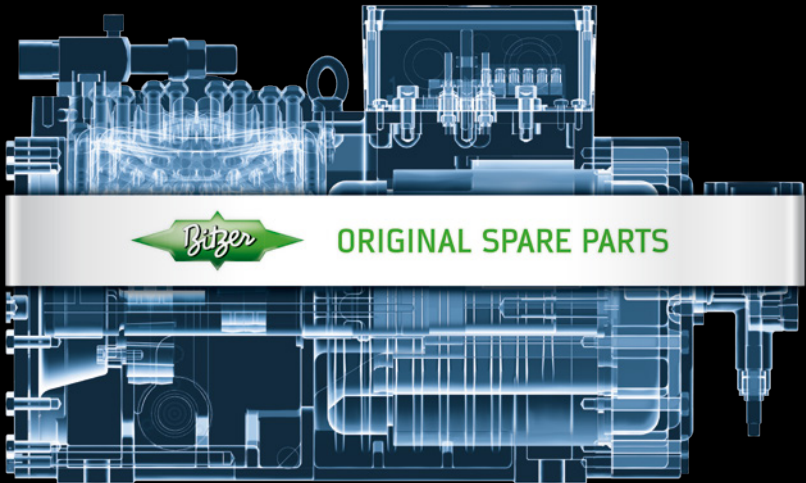




DAS HERZ DER FRISCHE

ORIGINAL IS SAFE



AF-700-1 EN

ORIGINAL IS

QUALITY

LONG-TERM PROTECTION FOR YOUR INVESTMENT

By choosing a BITZER compressor, you have decided for best quality and highest performance. To guarantee both, you need a system that runs smoothly and reliably. This quality can never be achieved with low-quality counterfeit products that do not comply with international laws, standards and requirements in product development. When it comes to mechanical and electrical spare parts for your compressors, only BITZER ORIGINAL SPARE PARTS give you the safety of highest quality and optimal performance.

SAFETY

RELIABILITY TO STRENGTHEN YOUR BUSINESS

Technologically sophisticated machines like compressors need perfectly tuned components to guarantee a continuous high performance. Every spare part has to perfectly match the running system. BITZER ORIGINAL SPARE PARTS are designed together with the compressor development and thus are always state-of-the-art technology. Only BITZER ORIGINAL SPARE PARTS can give you the guaranteed safety that you need to run an efficient business.

EFFICIENCY

IT'S AFFORDABLE TO STAY COMPETITIVE

Saving time, effort and – of course – money is crucial in every business. BITZER ORIGINAL SPARE PARTS not only preserve the value of your compressor, they also offer an exceptionally long service life, a perfect match, shortest downtimes, and an unparalleled efficiency. Only BITZER ORIGINAL SPARE PARTS come with a parts warranty and can match the highest operational standards of BITZER compressors. Counterfeit components endanger the whole system and may cause costs that can easily exceed those of the compressor. The high quality of BITZER ORIGINAL SPARE PARTS actually helps you to save money and enables you to offer a consistently good service.

SERVICE

SUPPORT WHENEVER AND WHEREVER YOU NEED IT

With every major BITZER ORIGINAL SPARE PART in our central storage in Germany and the most frequently required spare parts in all of our global logistics centres and regional hubs all around the world, we can offer an extremely fast supply. For discontinued models, every spare part is still available for at least ten years. Assuring a high availability and fast delivery of BITZER ORIGINAL SPARE PARTS, the BITZER service team is highly committed to ensuring long-term, continued quality performance for you.

SMALL DETAILS MAKE ORIGINALS MUCH BETTER:

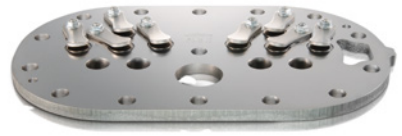


BITZER ORIGINAL ELECTRIC MOTORS

- // 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.

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 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.

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 which do not ensure proper tightness.



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