Secop TLES6FT.3 Compressor Technical Specifications, Cooling Capacity, and R134a Replacement Guide for Refrigeration Professionals

Category: Refrigeration
written by www.mbsm.pro | 2 February 2026



The Secop TLES6FT.3 is a high-efficiency hermetic reciprocating compressor designed specifically for Low Back Pressure (LBP) applications. Operating on R134a refrigerant, this 1/6 HP powerhouse is a staple in domestic refrigeration. This guide breaks down its technical performance, electrical characteristics, and provides reliable replacement options for field workers and engineers looking for precision.

Technical Analysis of High-Performance Hermetic Compressors: GQY80AT and ATA72XL

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Choosing between the ZEL GQY80AT and Huaguang ATA72XL requires a deep understanding of displacement and cooling wattage. This professional guide breaks down the 198W capacity of the GQY80AT versus the 185W of the ATA72XL, providing essential data for technicians, including oil types, motor configurations, and a comprehensive list of cross-compatible replacement models.

Donper LG83WZ1 Refrigeration Compressor Technical Specifications and R134a Replacement Guide for Unionaire refrigerator

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The Donper LG83WZ1 stands as a cornerstone in modern domestic and light commercial refrigeration. Engineered for Low Back Pressure applications, this R134a-driven unit provides reliable cooling capacity for medium to large refrigerators. Its 8.3cc displacement ensures consistent thermal management, making it a preferred choice for technicians seeking a robust, thermally protected motor for demanding climates.

Secop TLES6FT.3 R134a 1/5 HP LBP Compressor Specifications and Replacement Guide

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The Secop TLES6FT.3 is a cornerstone of modern domestic refrigeration. This 1/5 HP, R134a compressor is engineered in Slovakia for Low Back Pressure applications, offering a cooling capacity of 149W. Known for its quiet operation and energy efficiency, it is the ideal choice for medium-sized refrigerators and deep freezers looking for long-term reliability.

Siberia GFF57AA Compressor

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The Siberia GFF57AA is a high-performance 1/5 HP hermetic reciprocating compressor designed for Low Back Pressure (LBP) applications. Utilizing R134a refrigerant and a 5.7cc displacement, it provides a reliable cooling capacity of 166W. This unit is widely used in domestic freezers and refrigerators, offering a robust RSIR motor for 220-240V 50Hz electrical systems.