

Optional IP44 Equipment for SC Compressors

Back cover 103N2020 + starting capacitor 117U5117 for SC compressors with CSIR motor types.

As the expansion of refrigeration and air conditioning technology into new application areas is ongoing, traditional applications face an increasing use worldwide. Consequently, refrigeration equipment is more often operated under extreme conditions and hermetic compressors have to meet the resulting requirements. One of these requirements is the adequate protection of the compressor and its outside electrical parts against moisture and water.

Secop now offers special accessories, which provide a better IP protection class for a major part of the SC compressor models. All SC models for 220-440V/50Hz or 208-230V/60Hz with CSIR motor can be IP upgraded.

The equipment consists of one additional part, the so called “back cover”, and an upgraded starting capacitor.

When using this equipment, the protection class is increased to IP44, i.e. the compressor and its electrical parts are splash-proof.



Fig.1 Back cover 103N2020 + starting capacitor 117U5117

Code number	Description
103N2020	Back cover
117U5117*	IP44 starting capacitor 80µF

*replaces standard capacitor 117U5017



Fig.2 IP44 Equipment mounted on a SC compressor

This equipment may be used with VDE approved compressors. Starting capacitors with other capacities can be upgraded on demand.

Please get in touch with your Danfoss contact if any further information is needed. Please also visit our Web site: compressors.danfoss.com