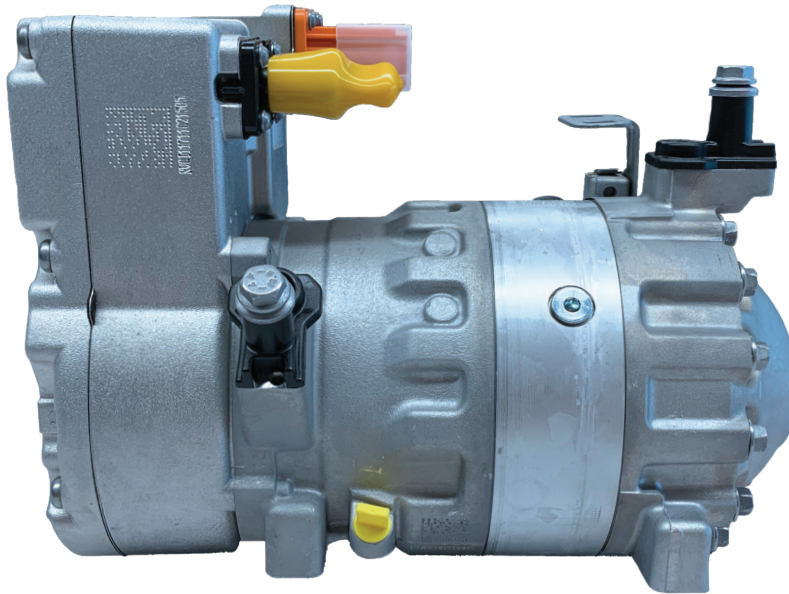


R744 eScroll Compressor

Green Refrigerant



An environmentally friendly solution

This high-efficient, low-noise R744 scroll compressor provides the option to run the thermal management system not only as AC in summer but also as a heat pump in winter. Operated with high efficiency the heat pump significantly increases winter mileage compared to pure PTC systems through the use of various heat sources. In combination with the natural refrigerant R744 this is an environmentally friendly contribution for now and the future.

Technical Specifications

eScroll R744 A-Sample

Displacement 6,5 ccm

Speed Range 700 to 9000 rpm

Mass Flow Range 15 to 250 kg/h

Cooling Capacity up to 7.5 kW

Heating Capacity up to 7,0 kW

Internally controlled passive Backpressure System for AC, HP and BC full envelope

Advantages

- Environmentally friendly
- Excellent NVH - quiet scroll, no vibration
- Low-cost refrigerant
- High efficiency