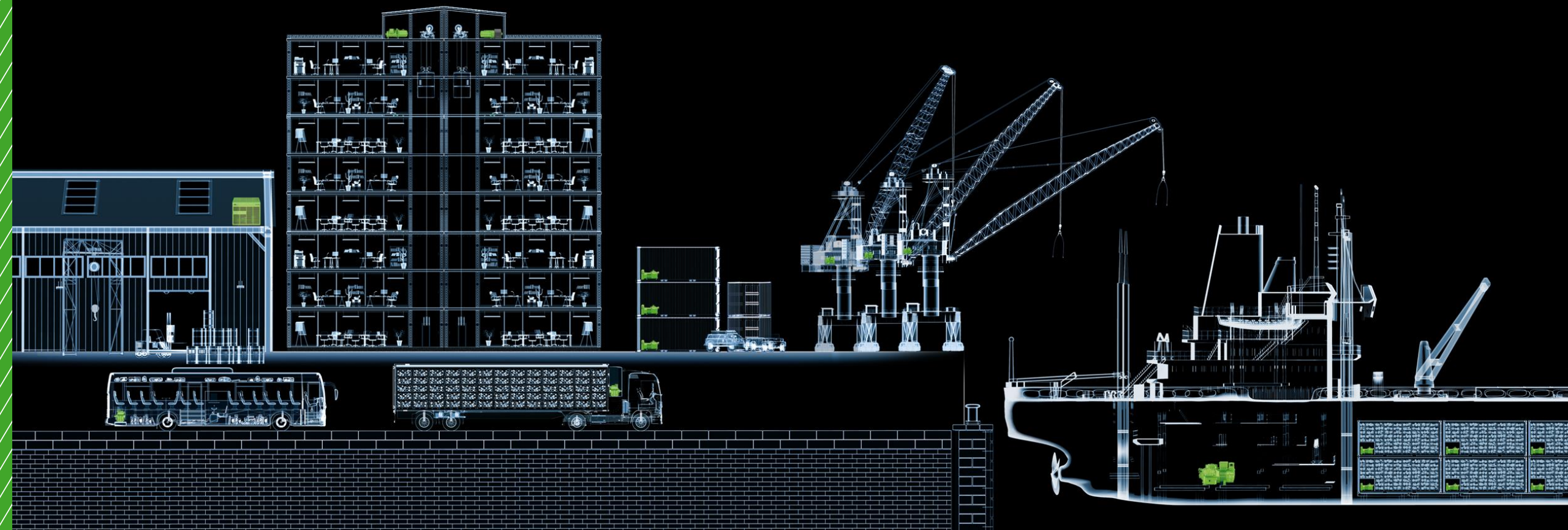




FLUOROPOLYMERS IN COMPONENTS OF REFRIGERATION

BITZER KÜHLMASCHINENBAU GMBH

2023-09

Heinz Jürgensen



DAS HERZ DER FRISCHE

CONTENTS



// xample products with fluoro polymers

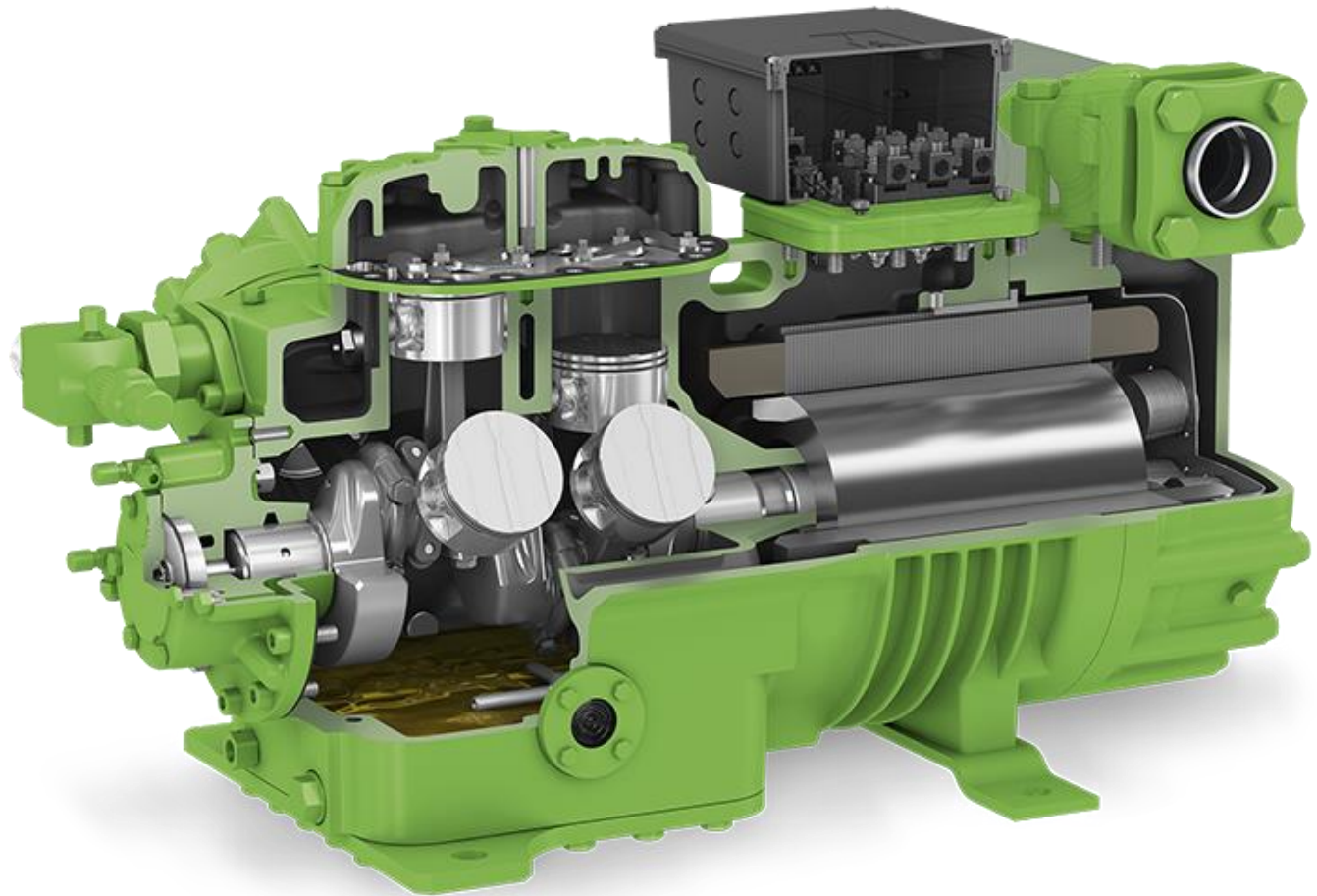
// Contents collection on applications and effects

SEMI HERMETIC RECIPROCATING COMPRESSOR



Fluoro polymers/-elastomers in
(depending on refrigerant-oil-
combination)

- // O-Rings on oil pump
- // O-Ring at oil sight glass
- // connection rod bearings
- // crank shaft bearings
- // electrical insulation of sensors for
motor temperature protection
- // guiding of shut off valve spindles
- // gasket of turnable screw
connection of discharge shut off
valve

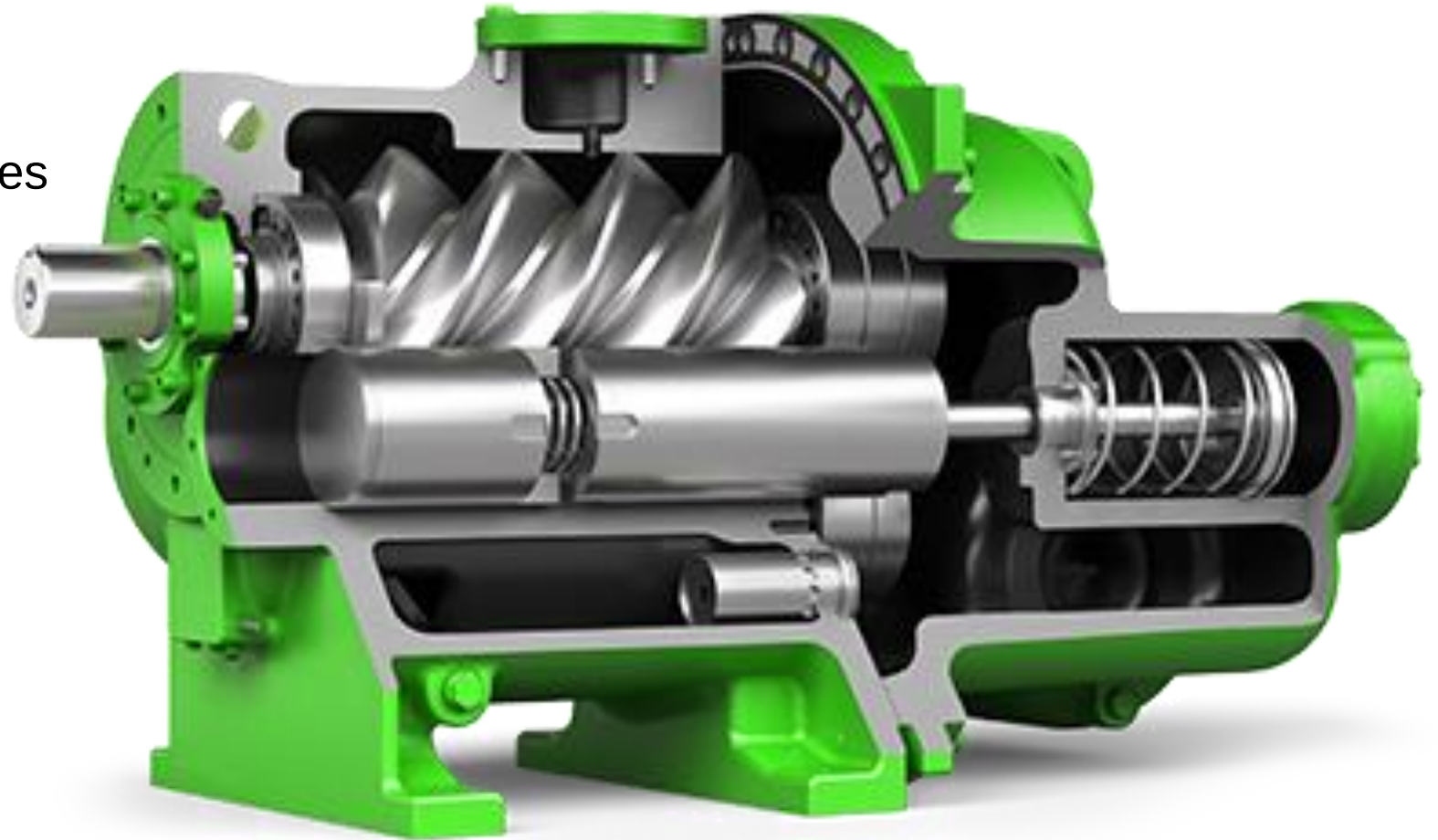


OFFENER SCHRAUBENVERDICHTER



Fluoro polymers/-elastomers in
(depending on refrigerant-oil-
combination)

- // O-Rings on some housing flanges
 - especially flange, that carries the rotor bearings
- // O-Ring on shaft seal
- // sliding seal of control piston for capacity control slider

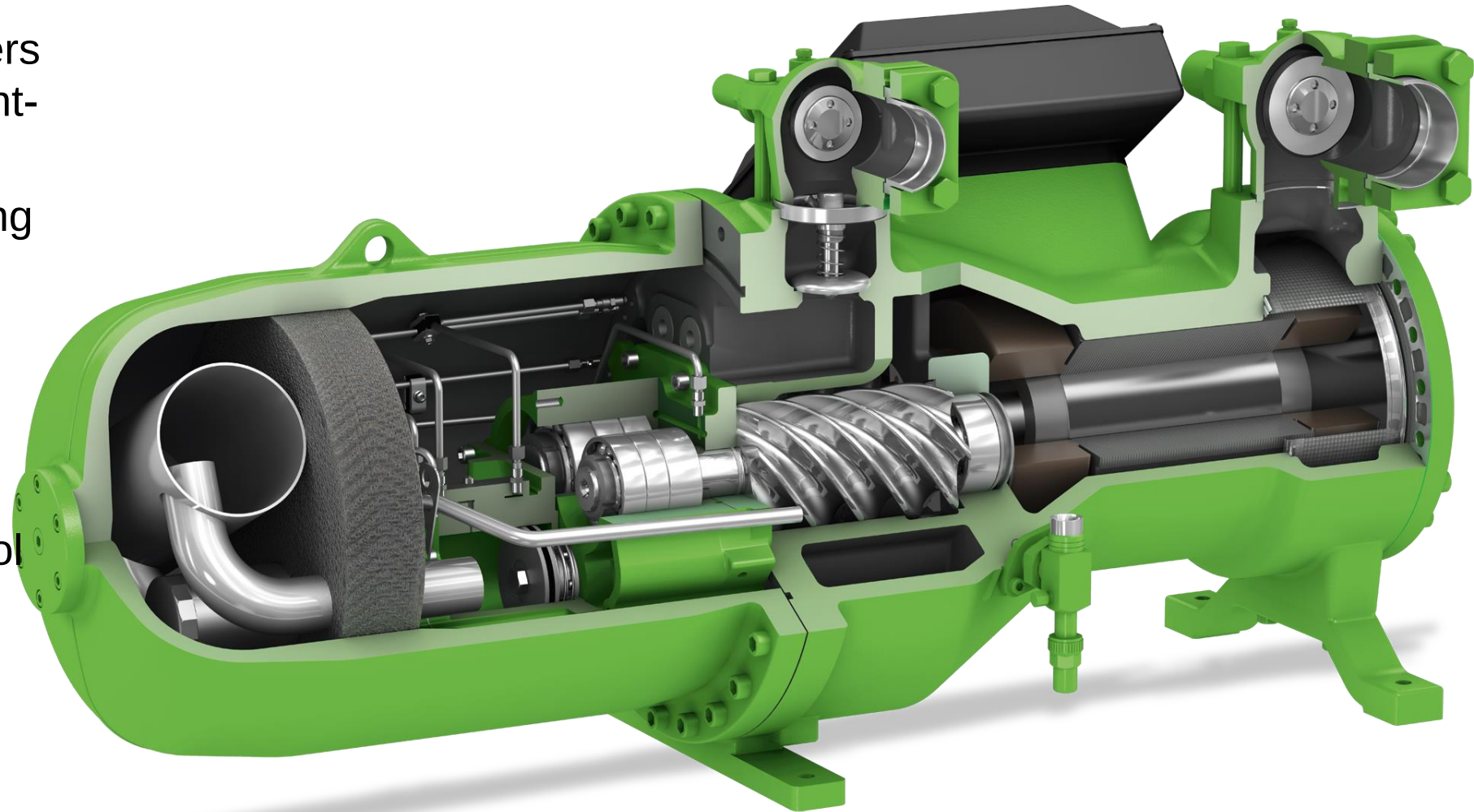


HALBHERMETISCHER KOMPAKTSCHRAUBENVERDICHTER



Fluoro polymers/-elastomers
in (depending on refrigerant-
oil-combination)

- // O-Rings on some housing
flanges
 - especially flange, that
carries the rotor
bearings
- // sliding seal of control
piston for capacity control
slider
- // electrical insulation of
sensors for motor
temperature protection
- // guiding of shut off valve
spindles

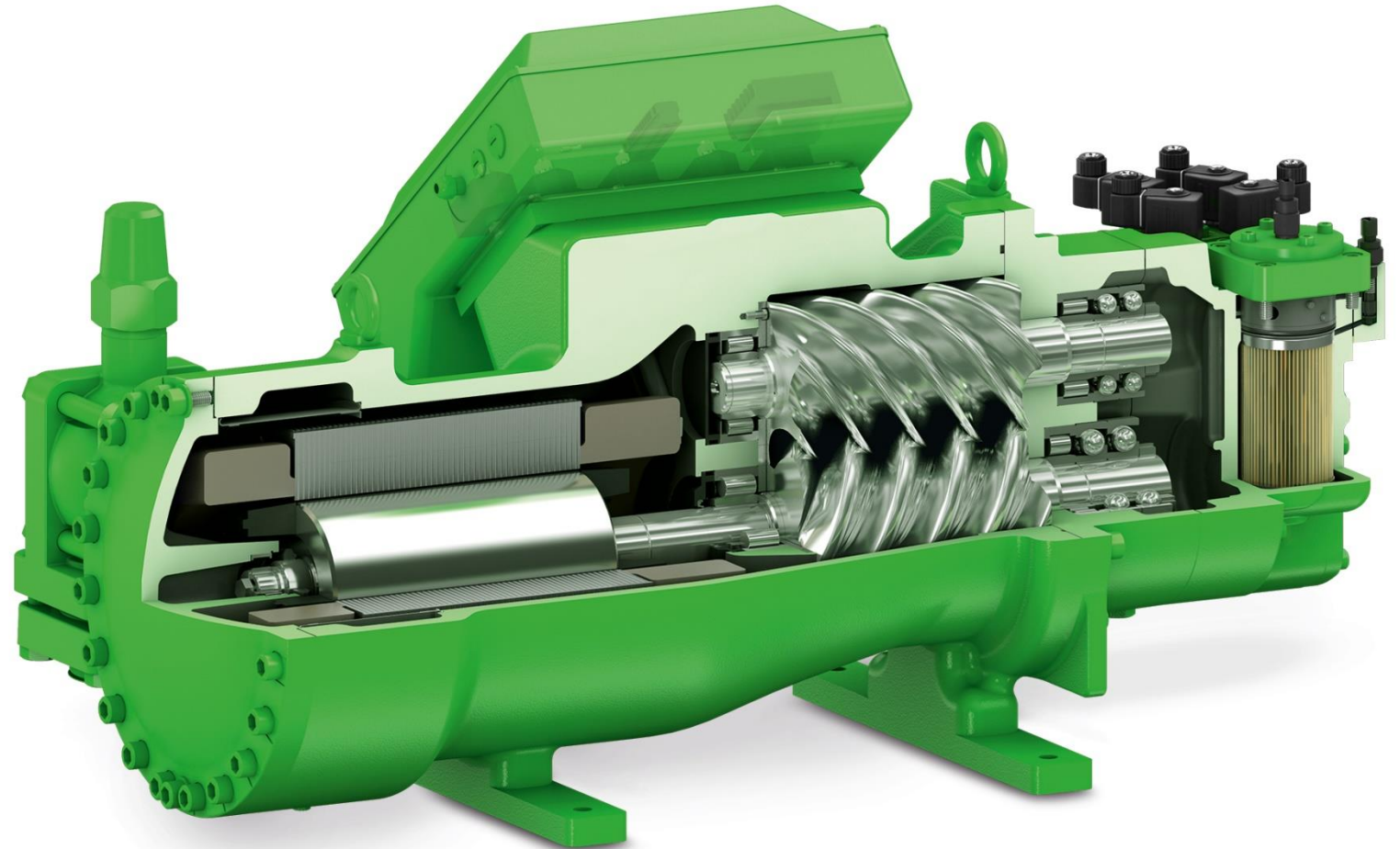


HALBHERMETISCHER SCHRAUBENVERDICHTER



Fluorpolymere/-elastomere
in (je nach Kältemittel-Öl-
Kombination)

- // O-Rings on some housing
flanges
 - especially flange, that
carries the rotor
bearings
- // sliding seal of control
piston for capacity control
slider
- // electrical insulation of
sensors for motor
temperature protection
- // guiding of shut off valve
spindles

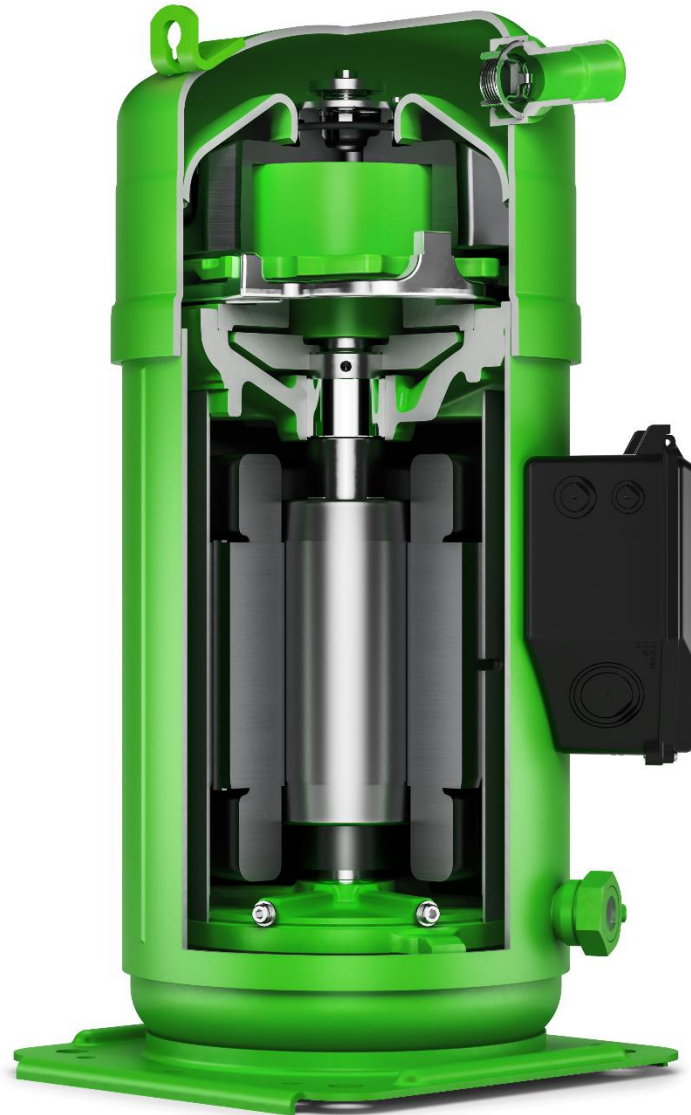


HERMETISCHER SCROLLVERDICHTER



Fluorpolymere/-elastomere in (je nach Kältemittel-Öl-Kombination)

- // O-Rings on some inner housing flanges
- // electrical insulation of sensors for motor temperature protection
- // crank shaft bearings
- // O-Ring at oil sight glass





DAS HERZ DER FRISCHE