Sectional Drawings

PL / TL / NL / FR / SC Secop Hermetic Compressors

SETTING THE STANDARD
Main Parts of PL Compressor

- Connection rod
- Discharge connector
- Valve plate with gaskets (high side, low side)
- Suction connector
- Piston
- Stator
- Block
- Spring
- Base plate
- Compressor shell: Top cover & housing
- Internal discharge tube
- Process connector
- Stator terminal
- Plug for hermetic terminal
- Hermetic terminal with connecting pins
- Start equipment: PTC or relay (with cover)
- Rotor
- Oil
- Oil pump
- Suction muffler
Main Parts of TL Compressor

- Bushing
- Connection rod
- Block
- Valve plate / gasket
- Cylinder cover / gasket
- Suction muffler
- Suction connector
- Cover for start equipment
- Starting device: PTC or relay (not shown)
- Hermetic terminal with connecting pins
- Plug for hermetic terminal
- Block
- Piston
- Bushing
- Internal discharge tube
- Process connector
- Discharge connector
- Compressor shell: Top cover & housing
- Crankshaft
- Rotor
- Stator
- Spring
- Oil pump
- Oil
- Internal winding protector
- Base plate
- Stator cable
Main Parts of NL Compressor

- Compressor shell: Top cover & housing
- Connection rod
- Crankshaft
- Piston
- Block
- Valve plate/gasket
- Cylinder cover/gasket
- Process connector
- Discharge connector
- Oil cooling connector
- Stator
- Oil pump
- Oil
- Internal winding protector
- Oil
- Spring
- Rotor
- Base plate
- Stator cable
- Starting device: PTC or relay (not shown)
- Hermetic terminal with connecting pins
- Suction connector
- Cover for start equipment
Main Parts of SC Compressor

- Piston (differs from today's design)
- Cylinder cover/gasket
- Process connector
- Valve plate/gasket
- Internal winding protector
- Rotor (aluminium)
- Stator (laminated sheets)
- Internal discharge tube
- Crankshaft
- Discharge muffler
- Rotor (laminated sheets)
- Stator windings (copper)
- Connection rod (differs from today's design)
- Counterweight
- Sling disk
- Support bearing
- Gas inlet / suction side
- Block (cast iron)
- Suction connector
- Spring
- Discharge connector
- Cover for start equipment
- PTC (in this case) or alternatively relay
- Hermetic terminal with connecting pins
- AMP connector
- Stator cable
- Compressor shell: Top cover & housing
- Oil brake
- Oil pump
- Base plate