The accumulator charging unit SLE 00 is a compact function element, which offers in an optimum way the requirements of the modern accumulator charging technique.

With smooth, hydraulically controlled switching the system pressure is monitored and held to the chosen pressure level. Low power losses allow an energy optimised system and simultaneously provides, at low driving power, the possibility of high peak capacity.

All functions and safety relevant components are integrated in the unit. The compact block assembly results in reduced pipe work.

As a standard component the SLE 00 operates for pump flow rates up to 30 l/min. Additional optional modular components are available.
Specifications

- integration of all function and safety relevant components
- compact design, simple start up, handling without problems
- high availability, robust and proven function components
- optimised power consumption results in reduced heat emission to the hydraulic system

Options

- electrical accumulator discharge / unpressurised electric motor start up
- pressure switch for additional system pressure monitoring

Technical data SLE 00

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Characteristic curve, by-pass pressure P-T, for hydraulic oil 35 mm²/s, 50°C
Hydraulic circuit

1. accumulator charging main block
2. check valve
3. safety valve (type checked)
4. accumulator charging valve
5. pressure gauge
6. accumulator discharge, manual
7. option: electrical accumulator discharge
8. option: pressure switch for system pressure
Dimension drawing

1. accumulator charging main block
2. check valve
3. safety valve (type checked)
4. accumulator charging valve
5. pressure gauge
6. accumulator discharge, manual
7. option: electrical accumulator discharge
8. option: pressure switch for system pressure
Type code

Id.-No.
Accumulator charging unit SLE 00
Switching hysteresis
(0=5%, 1=10%, 2=15%, 3=20%)
Pressure range accumulator charging valve
(maximum adjustable pressure: 45, 80, 120, 175, 250, 315 bar)
Safety valve, pressure protection
Connection size
Design code
1 = with electric discharge
0 = without electric discharge
0 = without additional option
1 = emergency dump valve
3 = pressure switch
Solenoid type
R = single stroke solenoid
Voltage / Frequency
24/0 = 24V DC
220/5 = 230V/50Hz

Connection size A2

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<th>P from pump</th>
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<td>P to consumer</td>
<td>PV</td>
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