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Bushing Data:

- **Bushing type:** SF6 insulated
- **Insulation material:** Composite
- **Rated Voltage:** ac (only)
- **Highest voltage:**
  - 150 kV (Pole-Ground)
- **Combined voltage (U_{\text{Nom}}):**
  - 325 kV (Pole-Ground)
- **Lightning Impulse:**
  - 450 kV (Pole-Ground)
- **Dry Power Frequency:** 50 Hz
- **Polarity Reversal:**
  - +/– on request
- **Rated Current:**
  - 1500 A (Phase-Phase)
- **DC Withstand Voltage 2 hour:**
  - 145 kV
- **Phase-Phase:**
  - 150 kV
- **Capacitance C:**
  - 325 pF

Filling Pressure at 20°C: 0.57 MPa abs.
Mass of filling density approx.: 114 kg
Mass empty approx.: 114 kg

The bushing shall be installed in a non-magnetic mounting plate. Verification of capacitance and test must be performed with insulating flange.

**Ordering Data:**

- **Bushing:** LF152001-H
- **Density Guards:** 5693822115

The bushing shall be installed downwards.

**Rating plate**

- **Shed Profile**
  - A-Side: 48-45/32 (S-P/P1)
  - B-Side: 2500
- **Cable Gland size**
  - M20 x 1.5 (n7-12.5)
- **Density guard**
  - 99.5%

**Wall bushing GGFL**

- **Väggenomföring GGFL**

**Designation:**

- **Wall bushing GGFL**
- **Väggenomföring GGFL**

**References:**

- **Document no.:** 2756040-99
- **Sheet no.:** 8

**Language Used in Product:**

- **Approved by:**
  - Palpandi K
  - PGCO/BK2018-03-23
  - ABB

**Prepared:**

- **Title:** Wall bushing GGFL
- **Responsible department:** SGCO

**Modified by:**

- **Take over department:** PGCO/BK2018-03-23
- **Modified by:** Palpandi K