### Technical Data:

- **Air drive pressure:** 1-10 bar / 14.5 - 145psi
- **Calculated Outlet Pressure at an air drive of 10 bar/145 psi:** 1,050 bar / 15,225 psi
- **Pressure ratio:** 1:113
- **Displacement volume/double stroke:** 8.8 cm³ / 0.54 cu.inch

#### Connections:

- **Inlet:** Standard: Bottom Inlet 3/4 BSP
- **Outlet:** 1/2 BSP
- **Air drive:** 3/4 BSP
- **Maximum operating temperature:** 60°C
- **Net weight:** 18.0 kg

#### Wetted materials of construction:

- **Seal package:**
  - GSF100(L): Polyurethan, NBR
  - GSF100(L)VE: UHMWPE, FKM
- **Pump Body:** 1.4305
- **Piston:** 1.4112 (hardened)
- **Fittings:** 1.4571

#### Approximate Dimensions:

- **Height:** 412 mm
- **Depth:** 181 mm
- **Width:** 272 mm

#### Available Options:

- **Side inlet**
- **Special inlet and outlet ports, i.e. NPT**
- **Special seal material to handle special fluids on request.**

#### Available Accessories:

- **Air control units with filter pressure regulator, control pressure gauge and shut off valve:** GSF100(L) with C2
- **To protect the pump against excessive outlet pressures or to limit the outlet pressure, a safety valve can be fitted to the air control unit in the air drive line:** GSF100(L) with C2/SVair (The required outlet pressure has to be indicated.)

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**Please consult factory for more information.** All technical and dimensional information subject to change. All General Terms and Conditions of sale, including limitations of our liability, apply to all products and services sold.
MAXIMATOR

Groß - Pumpe / Large pump
Maßzeichnung / Dimension drawing
Typ / type: GSF 60L, GSF 100L, GSF 150L
Leistungsdiagramm/Performance Graph G(SF) 100

Prüflüssigkeit/Test Liquid: Wasser-Oil-Emulsion/Water Oil Emulsion ca. 1 - 10 cst

Betriebsdruck/Outlet Pressure (bar)

Förderleistung/Flow (l/min)

Luftverbrauch/Air consumption (l/min)

- Betriebsdruck bei/Outlet Pressure at 4 bar
- Betriebsdruck bei/Outlet Pressure at 6 bar
- Betriebsdruck bei/Outlet Pressure at 8 bar
- Luftverbrauch bei/Air consumption at 4 bar
- Luftverbrauch bei/Air consumption at 6 bar
- Luftverbrauch bei/Air consumption at 8 bar

P_{\text{max}}/Max.outlet pressure 1050 bar