

GSF100 (L)

single acting, single air drive head  
with distance piece (Standard = Bottom inlet)

#### Technical Data:

Air drive pressure:	1 - 10 bar / 14.5 - 145 psi
Calculated working pressure:	1050 bar / 15225 psi
Pressure ratio:	1:113
Displacement volume/double stroke:	8.8 cm <sup>3</sup> / 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

Pressure and flow performances, please see enclosed graph.

#### Wetted materials of construction:

Seal package:	GSF100(L): PTFE GSF100(L)VE: UHMWPE, FKM
Pump Body:	1.4313
Piston:	1.4542
Fittings:	1.4542

#### Approximate Dimensions:

A:	425 mm
B:	181 mm
C:	272 mm

#### Available Options:

Side inlet:	GSF100(L)S
Special inlet and outlet ports, i.e. NPT:	GSF100(L)-NPT
Special seal material to handle special fluids on request.	

#### Available Accessories:

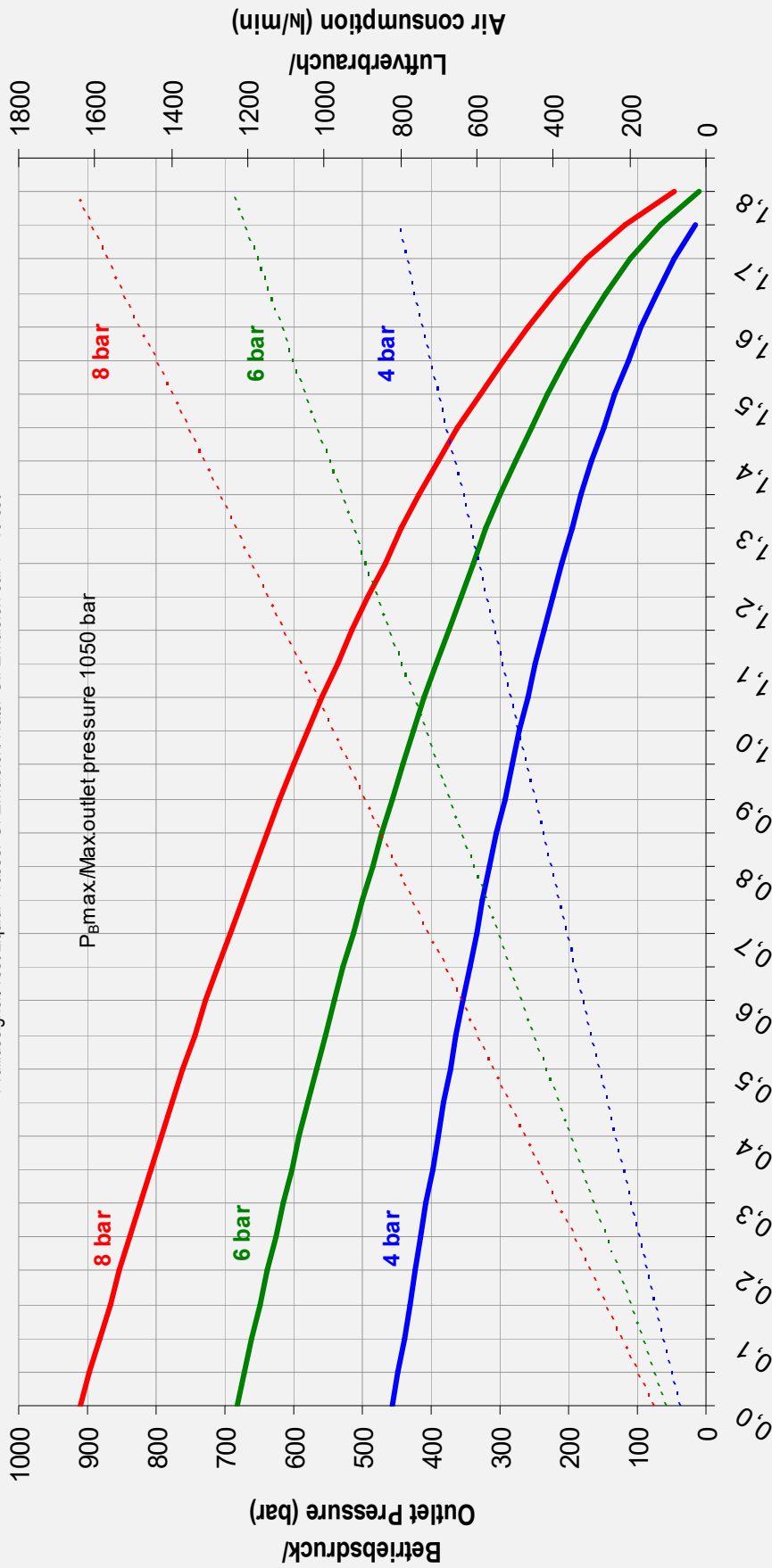
Air control units with filter pressure regulator, control pressure gauge and shut off valve:	GSF100(L) with C2
To protect the pump against excessive outlet pressures or to limit the outlet pressure, a safety valve can be fitted to the air control unit in the air drive line.	GSF100(L) with C2/SV-air (The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

**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.



# Leistungsdiagramm/Performance Graph G(SF) 100

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



Förderleistung/Flow (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