



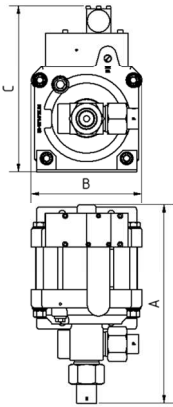
Technical Data Sheet

G100 (L)

» Oil service

G100 (L) VE

» Water service



G100 (L)
single acting, single air drive head
(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 ³ / 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:	13.5 kg

Pressure and flow performances, please see enclosed graph.

Wetted materials of construction:

Seal package:	G100(L): Polyurethane, NBR G100(L)VE: UHMWPE, FKM
Pump Body:	1.4313
Piston:	1.4548.4
Fittings:	1.4542

Approximate Dimensions:

A:	325 mm
B:	181 mm
C:	272 mm

Available Options:

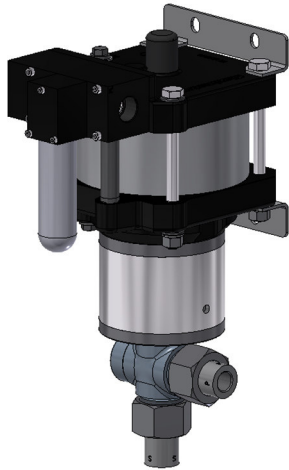
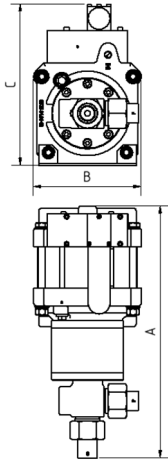
Seal material for oil service:	G100 (L)
Seal material for water service:	G100(L)VE
Side inlet:	G100(L)S/ G100(L)VES
Special inlet and outlet ports, i.e. NPT:	G100(L)-NPT G100(L)VE-NPT

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:	G100(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.	G100(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.



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 ³ / 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:

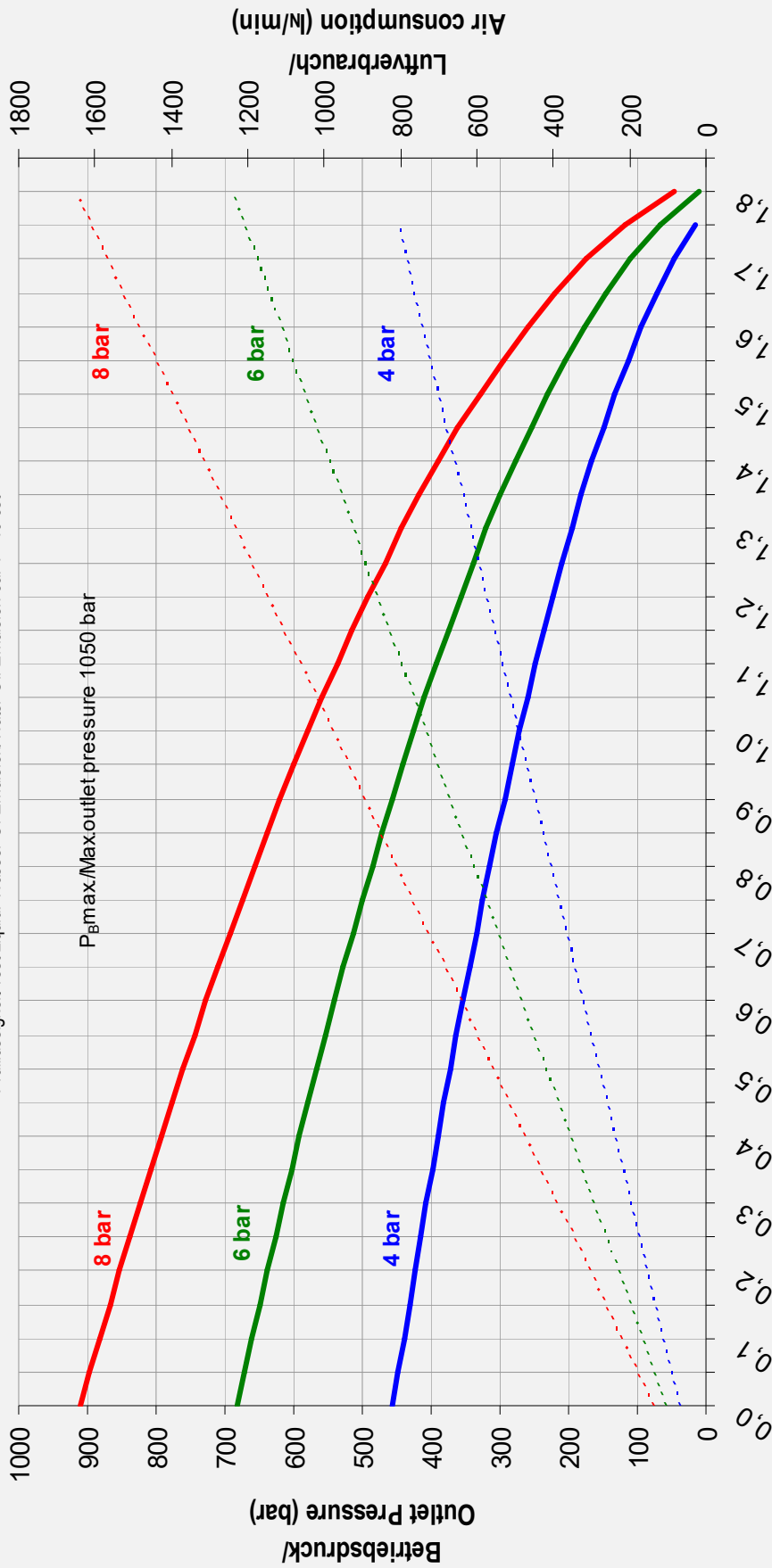
Air control units with filter pressure regulator, control pressure gauge and shut off valve:	GSF100(L) with C2
To protect the pump against excessive outlet pressures or to limit the outlet pressure, a safety valve can be fitted to the air control unit in the air drive line.	GSF100(L) with C2/SV-air (The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

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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