

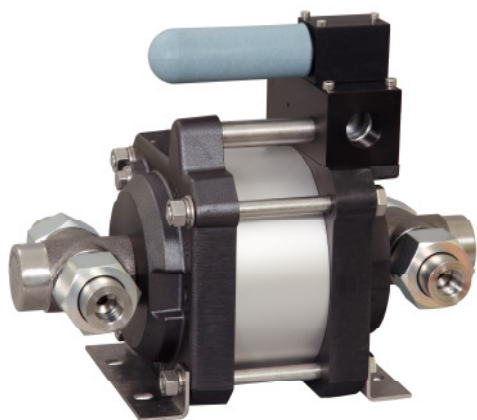
MAXIMATOR®

Maximum Pressure.



High Pressure Technology • Testing Equipment
Hydraulics • Pneumatics

Technical Data Sheet



G100DS
double acting, single air drive head
(Only side inlet available)

G100DS

» Oil service

G100DVES

» Water service

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	17.6 cm ³ / 1.07 cu.inch

Connections:

Inlet:	Only side inlet available: 3/4 BSP
Outlet:	1/2 BSP
Air drive:	3/4 BSP
Maximum operating temperature:	60°C
Net weight:	17.0 kg

Pressure and flow performances, please see enclosed graph.

Wetted materials of construction:

Seal package:	G100DS: Polyurethan, NBR G100DVES: UHMWPE, FKM
Pump Body:	1.4305
Piston:	1.4112 (hardened)
Fittings:	1.4571

Approximate Dimensions:

Height:	344 mm
Depth:	184.5 mm
Width:	272 mm

Available Options:

Seal material for oil service:	G100DS
Seal material for water service:	G100DVES
Special inlet and outlet ports, i.e. NPT	G100DS-NPT G100DVES-NPT
Special seal material to handle special fluids on request.	

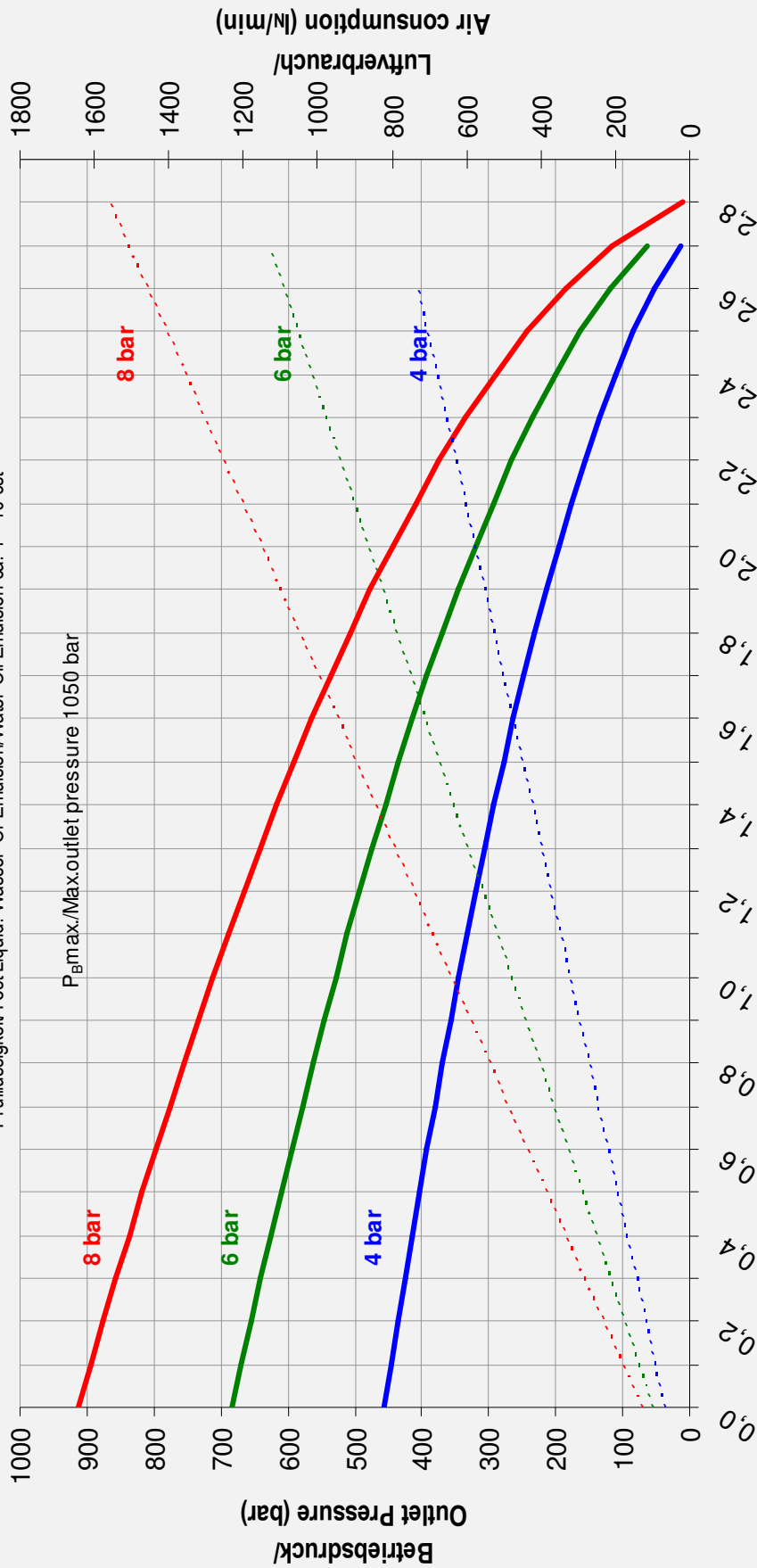
Available Accessories:

Air control units with filter pressure regulator, control pressure gauge and shut off valve:	G100DS 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:	G100DS with C2/SVair (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 100 D

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