

MAXIMATOR®

Maximum Pressure.



High Pressure Technology • Testing Equipment
Hydraulics • Pneumatics

Technical Data Sheet

G100-2 (L)

» Oil service

G100-2 (L) VE

» Water service



G100-2 (L)
single acting, double air drive head
(Standard= Bottom inlet)

Technical Data:

Air drive pressure: 1-10 bar / 14,5 - 145psi

Calculated Outlet Pressure at an air drive of 10 bar/145 psi: 2,100 bar/ 30,450 psi

Pressure ratio: 1:226

Displacement volume/double stroke 8.8cm³/ 0.54 cu.inch

Connections:

Inlet: Standard: Bottom Inlet 1/2 BSP

Outlet: 9/16-18UNF

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: G100-2(L): Polyurethan, NBR
G100-2(L)VE: UHMWPE, FKM

Pump Body: 1.4305

Piston: 1.4112 (hardened)

Fittings: 1.4571

Approximate Dimensions:

Height: 400 mm

Depth: 211 mm

Width: 272 mm

Available Options:

Seal material for oil service: G100-2 (L)

Seal material for water service: G100-2(L)VE

Side inlet G100-2(L)S/ G100-2(L)VES

Special inlet and outlet ports, i.e. NPT G100-2(L)-NPT

G100-2(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: G100-2(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: G100-2(L) 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.

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Leistungsdiagramm/Performance Graph G 100 -2L

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

