

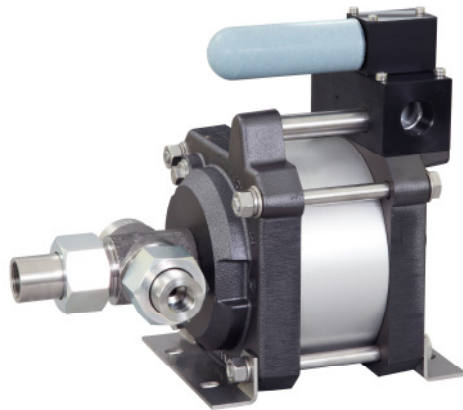
MAXIMATOR®

Maximum Pressure.



High Pressure Technology • Testing Equipment
Hydraulics • Pneumatics

Technical Data Sheet



G250 (L)
single acting, single air drive head, side inlet
(Standard= Bottom inlet, see dimension drawing)

G250 (L)

» Oil service

G250 (L) VE

» 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: 2,650 bar/ 38,425 psi

Pressure ratio: 1:265

Displacement volume/double stroke 3.8 cm³/ 0.23 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: 13.5 kg

Pressure and flow performances, please see enclosed graph.

Wetted materials of construction:

Seal package: G250(L): Polyurethan, NBR
G250(L)VE: UHMWPE, FKM

Pump Body: 1.4313

Piston: 1.4112 (hardened)

Fittings: 1.4122

Approximate Dimensions:

Height: 300 mm

Depth: 193.5 mm

Width: 272 mm

Available Options:

Seal material for oil service: G250 (L)

Seal material for water service: G250(L)VE

Side inlet G250(L)S/ G250(L)VES

Special inlet and outlet ports, i.e. NPT G250(L)-NPT

G250(L)VE-NPT

Special seal material to handle special fluids on request.

Available Accessories:

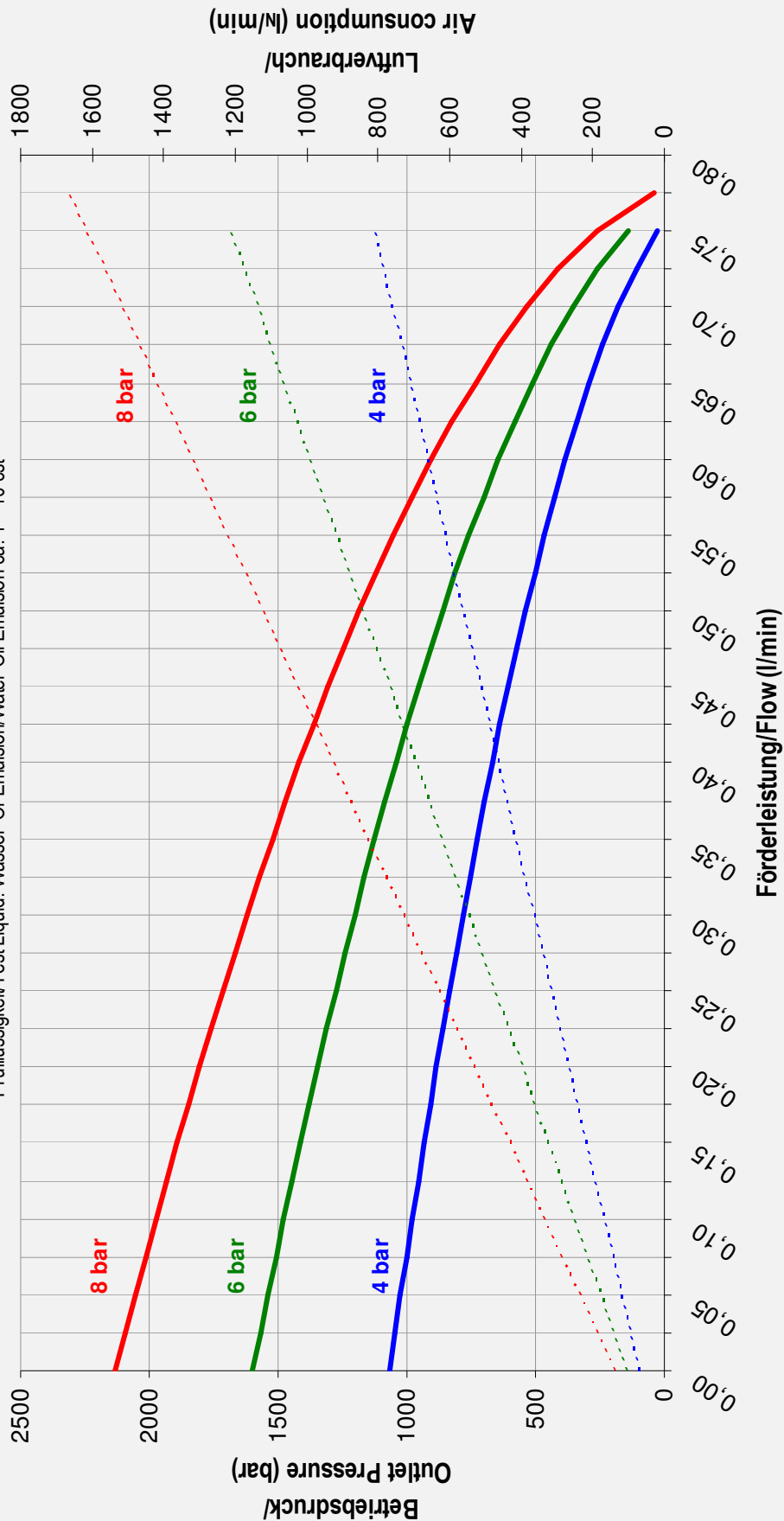
Air control units with filter pressure regulator, control pressure gauge and shut off valve: G250(L) with C2

To protect the pump against excessive outlet pressures or to limit the outlet pressure, a safety valve G250(L) with C2/SVair (The can be fitted to the air control unit in the air drive line: 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 250

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



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