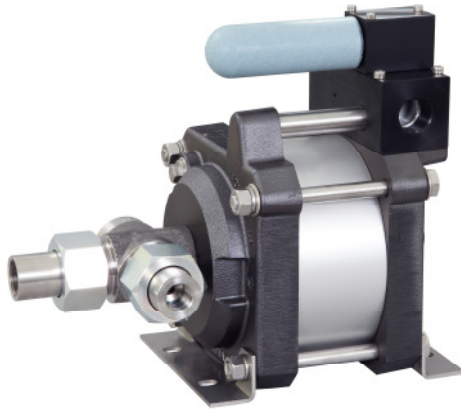


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Technical Data Sheet



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.)

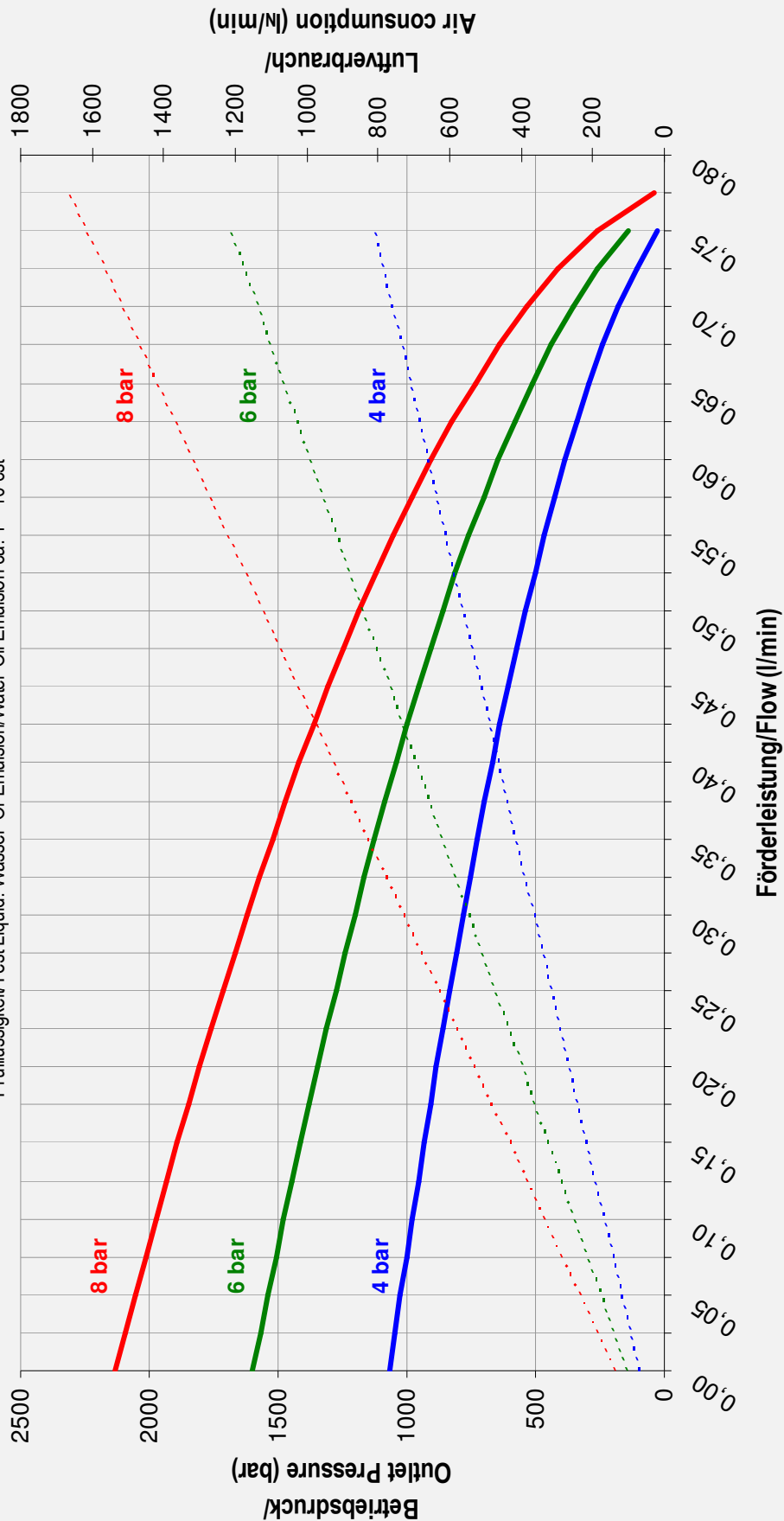
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Leistungsdiagramm/Performance Graph G 250

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