

MAXIMATOR®

Maximum Pressure.



High Pressure Technology • Testing Equipment
Hydraulics • Pneumatics

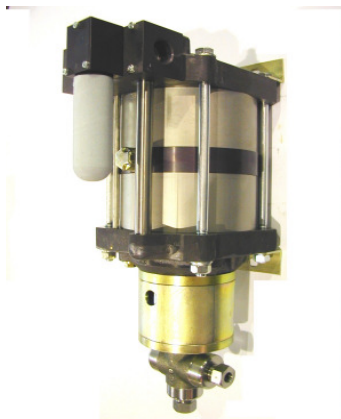
Technical Data Sheet

G250-2 (L)

» Oil service

G250-2 (L) VE

» Water service



G250-2 (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:	4,500 bar/ 65,250 psi
Pressure ratio:	1:530
Displacement volume/double stroke	3.8 cm ³ / 0.23 cu.inch

Connections:

Inlet:	Standard: Bottom Inlet 1/4 BSP
Outlet:	9/16-18UNF
Air drive:	3/4 BSP
Maximum operating temperature:	60°C
Net weight:	22.0 kg

Pressure and flow performances, please see enclosed graph.

Wetted materials of construction:

Seal package:	G250-2(L): Polyurethan, NBR G250-2(L)VE: UHMWPE, FKM
Pump Body:	1.4313
Piston:	1.4112 (hardened)
Fittings:	1.4122

Approximate Dimensions:

Height:	483 mm
Depth:	211 mm
Width:	272 mm

Available Options:

Seal material for oil service:	G250-2 (L)
Seal material for water service:	G250-2(L)VE
Side inlet	G250-2(L)S/ G250-2(L)VES
Special inlet and outlet ports, i.e. NPT	G250-2(L)-NPT G250-2(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:	G250-2(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:	G250-2(L) with C2/SVair (The required outlet pressure has to be indicated.)

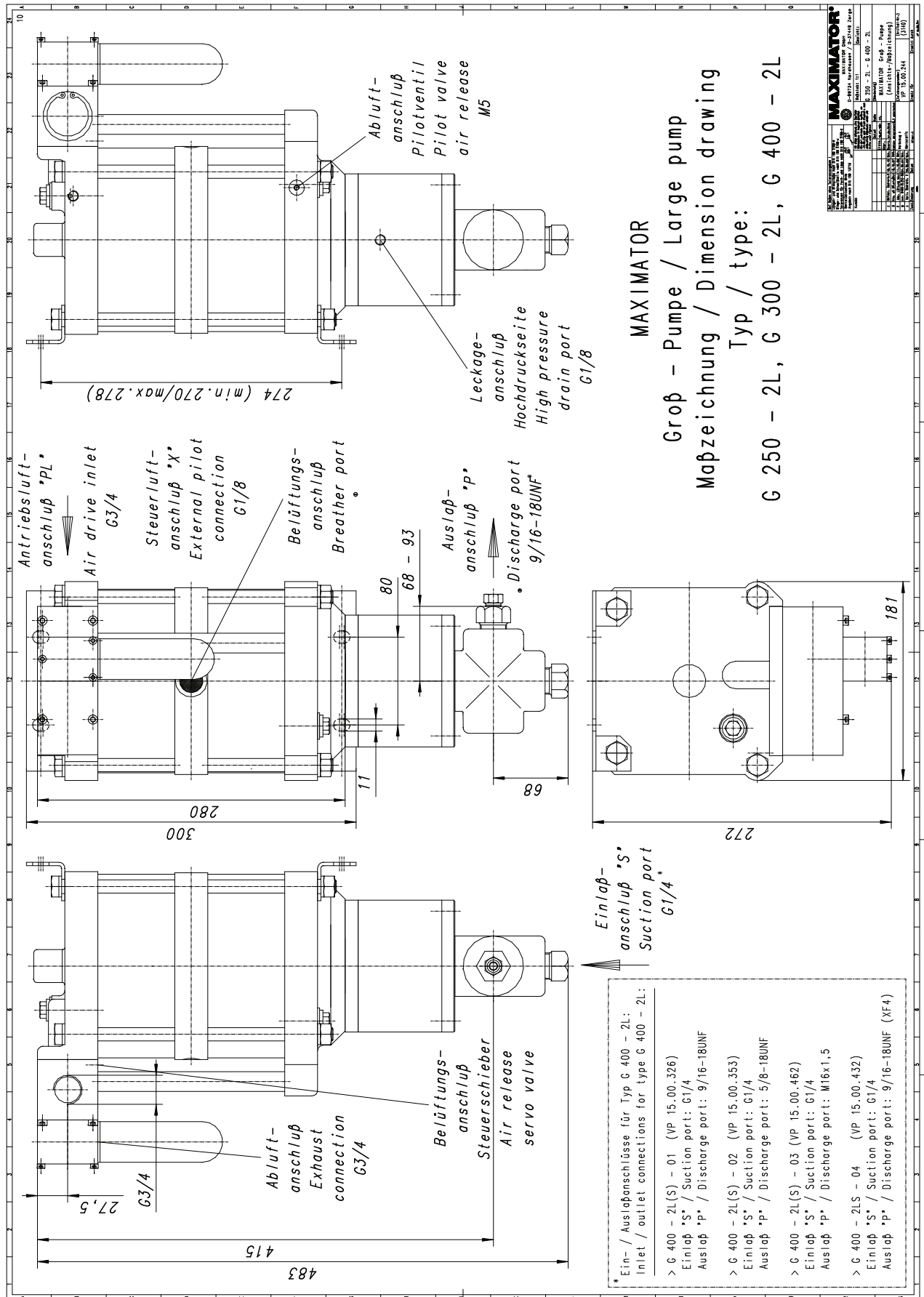
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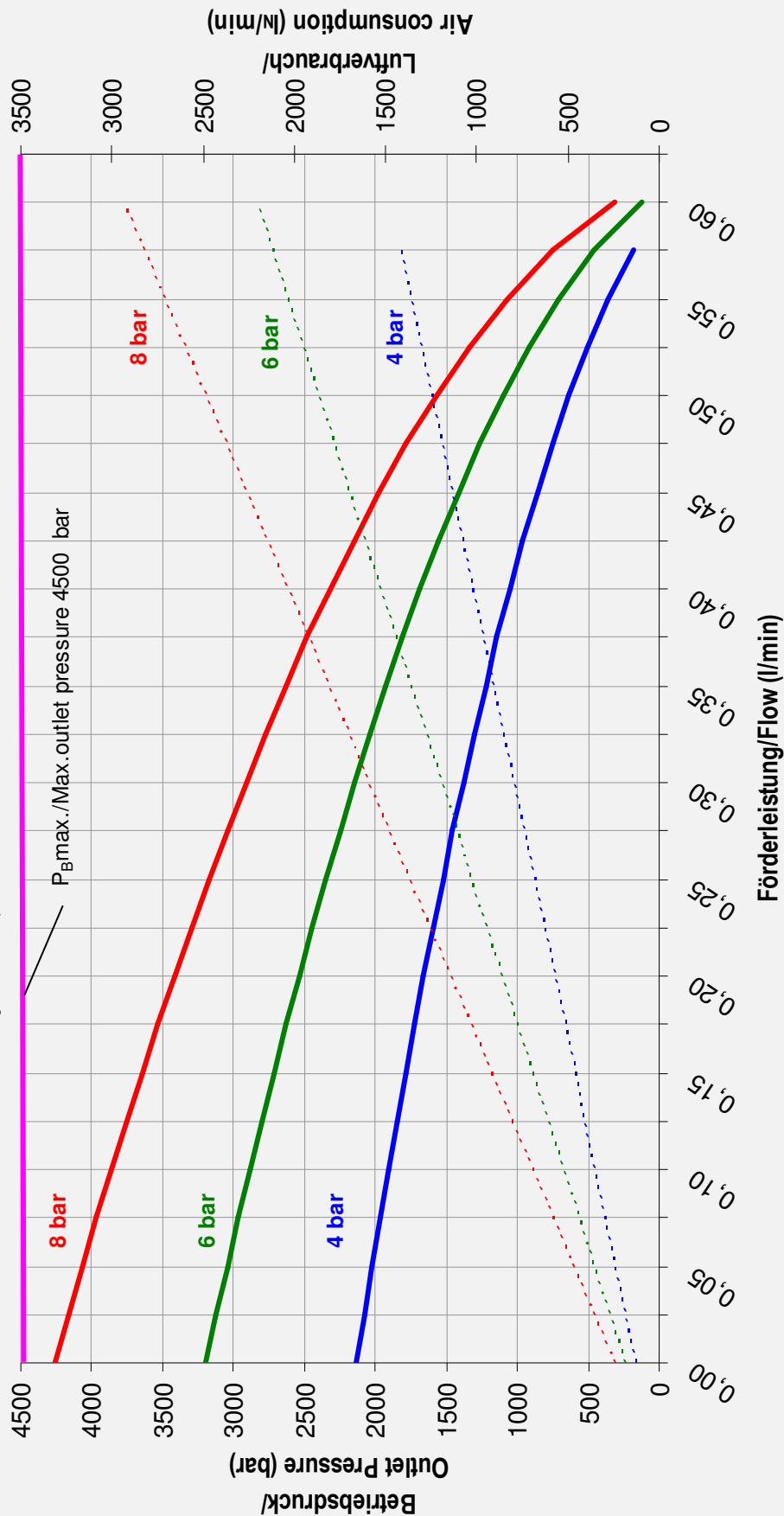




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Leistungsdiagramm/Performance Graph G 250 -2L

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 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