

MAXIMATOR®

Maximum Pressure.



High Pressure Technology • Testing Equipment
Hydraulics • Pneumatics

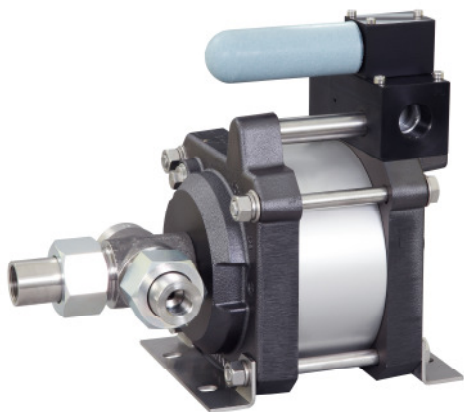
Technical Data Sheet

G300 (L)

» Oil service

G300 (L) VE

» Water service



G300 (L)
single acting, single air drive head, side inlet
(Standard= Bottom inlet, see dimension drawing)

Technical Data:

Air drive pressure:	1-10 bar / 14,5 - 145psi
Calculated Outlet Pressure at an air drive of 10 bar/145 psi:	3,140 bar/ 45,530 psi
Pressure ratio:	1:314
Displacement volume/double stroke	3.2 cm ³ / 0.20 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:	G300(L): Polyurethan, NBR G300(L)VE: UHMWPE, FKM
Pump Body:	1.4313
Piston:	1.4112 (hardened)
Fittings:	1.4571

Approximate Dimensions:

Height:	300 mm
Depth:	193.5 mm
Width:	272 mm

Available Options:

Seal material for oil service:	G300 (L)
Seal material for water service:	G300(L)VE
Side inlet	G300(L)S/ G300(L)VES
Special inlet and outlet ports, i.e. NPT	G300(L)-NPT G300(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:	G300(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:	G300(L) with C2/SVair (The required outlet pressure has to be indicated.)

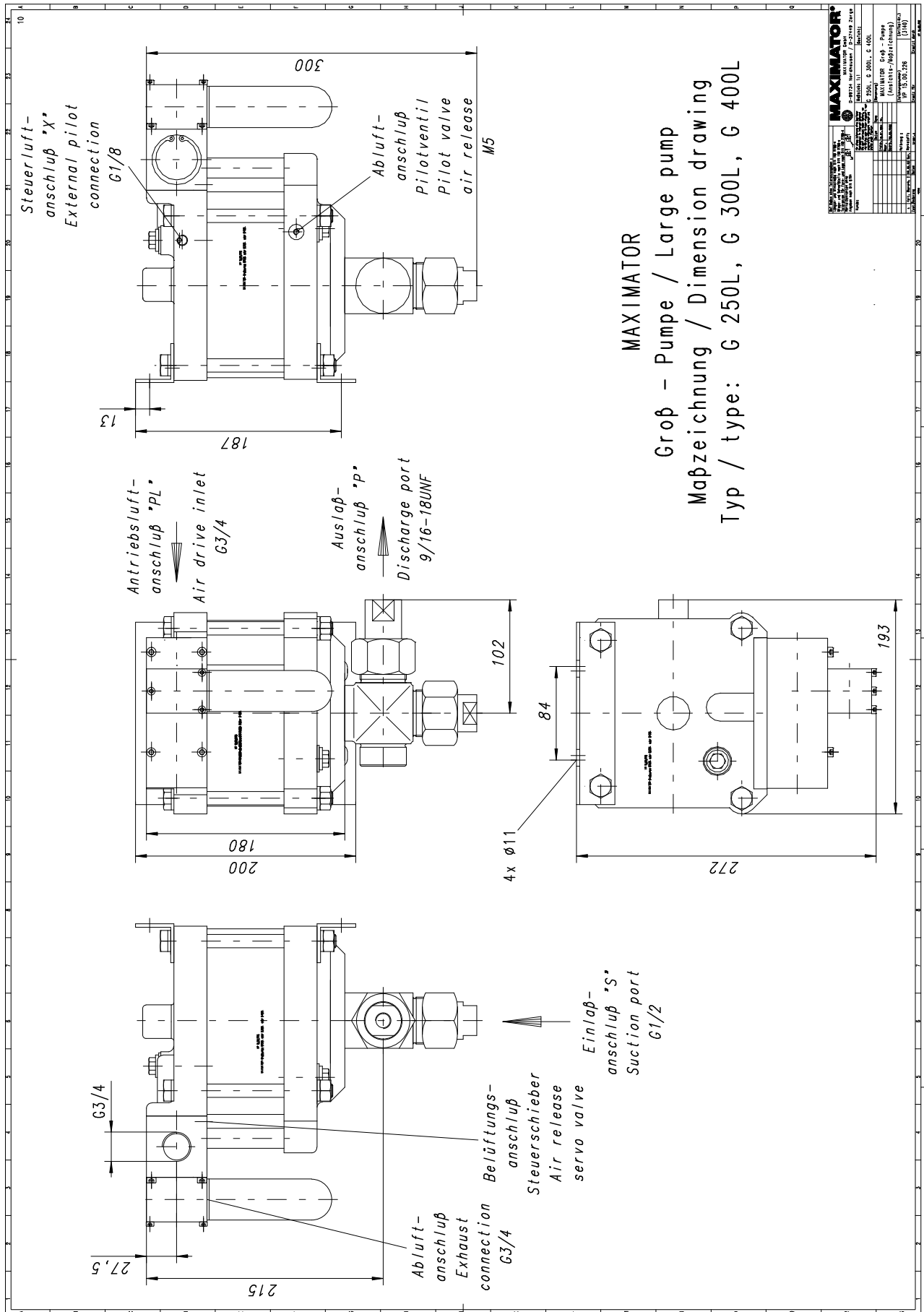
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Leistungsdiagramm/Performance Graph G 300

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

