

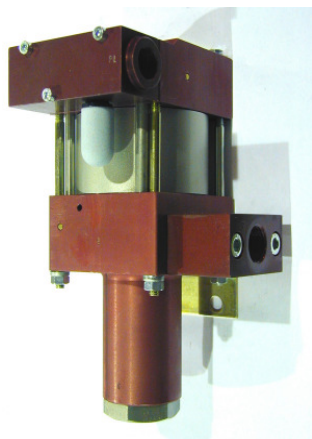
MAXIMATOR®

Maximum Pressure.



High Pressure Technology • Testing Equipment
Hydraulics • Pneumatics

Technical Data Sheet



M4 (L)
single acting, single air drive head
(Standard= Bottom inlet)

M4 (L)

» Oil service

M4 (L) VE

» Water service

Technical Data:

Air drive pressure:	1-10 bar / 14,5—145 psi
Calculated Outlet Pressure at an air drive of 10 bar/145 psi:	40 bar/ 580 psi
Pressure ratio:	1:4
Displacement volume/double stroke	30.5 cm ³ / 1.86 cu.inch

Connections:

Inlet:	Standard: Bottom Inlet 1 BSP
Outlet:	1/2 BSP
Air drive:	3/8 BSP
Maximum operating temperature:	60°C
Net weight:	3.0 kg

Pressure and flow performances, please see enclosed graph.

Wetted materials of construction:

Seal package:	M4(L): Polyurethan, NBR M4(L)VE: UHMWPE, FKM
Pump Body:	AlMgSiPB anodized
Piston:	1.4112
Fittings:	Inlet: 1.8305 Outlet: AlMgPbCu anodized

Approximate Dimensions:

Height:	216 mm
Depth:	120 mm
Width:	112 mm

Available Options:

Seal material for oil service:	M4(L)
Seal material for water service:	M4(L)VE
Special inlet and outlet ports, i.e. NPT	M4(L)-NPT M4(L)VE-NPT
Special seal material to handle special fluids on request.	

Available Accessories:

Air control units for M series with filter pressure regulator, control pressure gauge and shut off valve:	M4(L) with C1
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:	M4(L) with C1/SVair (The required outlet pressure has to be indicated.)

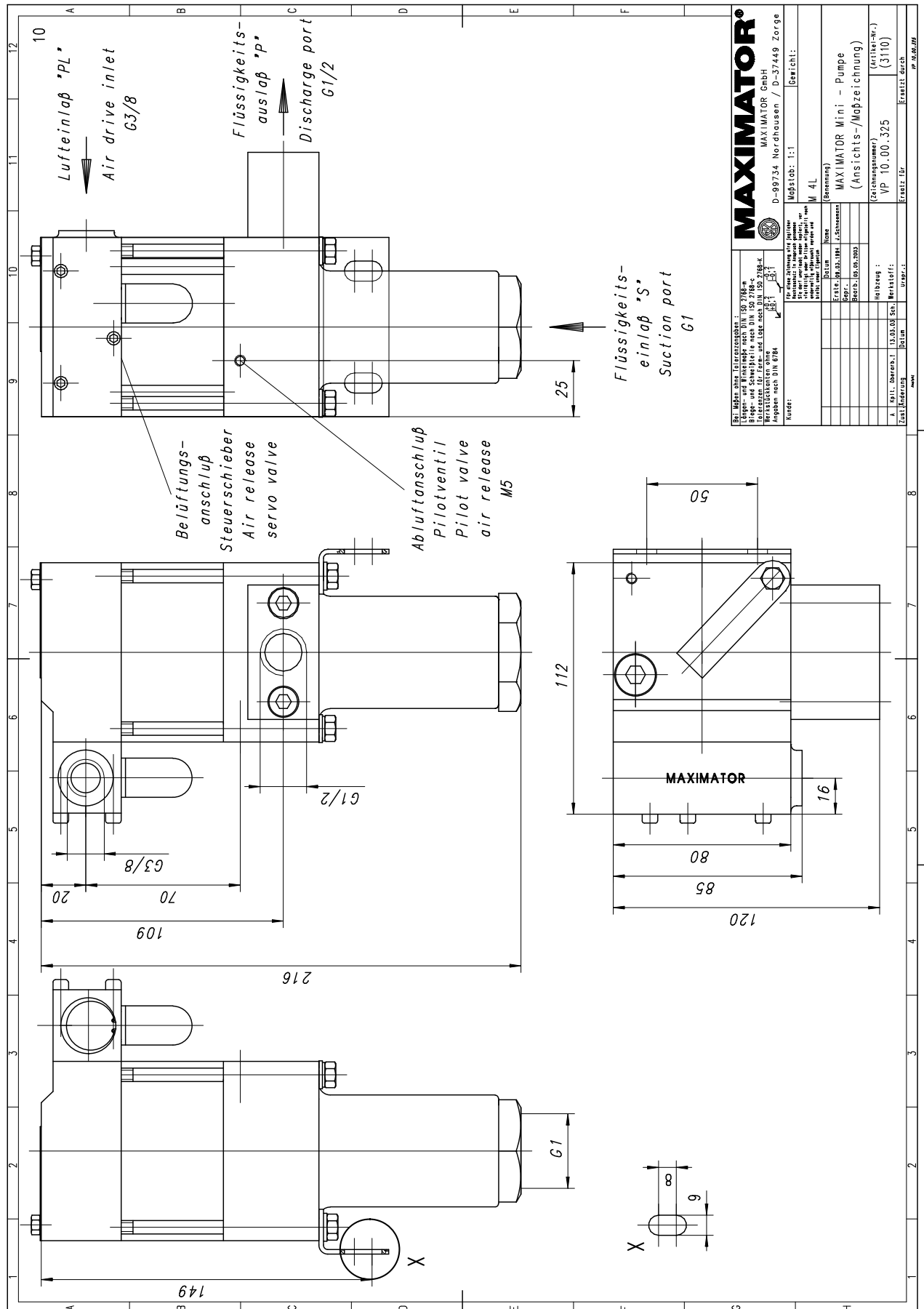
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Leistungsdiagramm/Performance Graph M(O)(SF) 4

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

