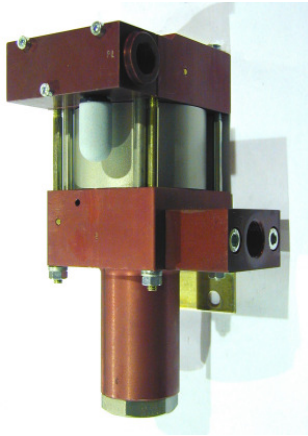


High Pressure Technology • Testing Equipment  
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### Technical Data Sheet



M8 (L)  
single acting, single air drive head  
(Standard= Bottom inlet)

M8 (L)

» Oil service

M8 (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: 90 bar/ 1,305 psi

Pressure ratio: 1:9

Displacement volume/double stroke 14.7 cm<sup>3</sup>/ 0.09 cu.inch

#### Connections:

Inlet: Standard: Bottom Inlet 3/4 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: M8(L): Polyurethan, NBR  
M8(L)VE: UHMWPE, FKM

Pump Body: AlMgSiPB anodized

Piston: 1.8112

Fittings: Inlet: 1.8305  
Outlet: AlMgPbCu anodized

#### Approximate Dimensions:

Height: 209 mm

Depth: 120 mm

Width: 112 mm

#### Available Options:

Seal material for oil service: M8(L)

Seal material for water service: M8(L)VE

Special inlet and outlet ports, i.e. NPT M8(L)-NPT  
M8(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: M8(L) with C1

To protect the pump against excessive outlet pressures or to limit the outlet pressure, a safety valve M8(L) with C1/SVair (The required outlet pressure has to be indicated.) can be fitted to the air control unit in the air drive line:

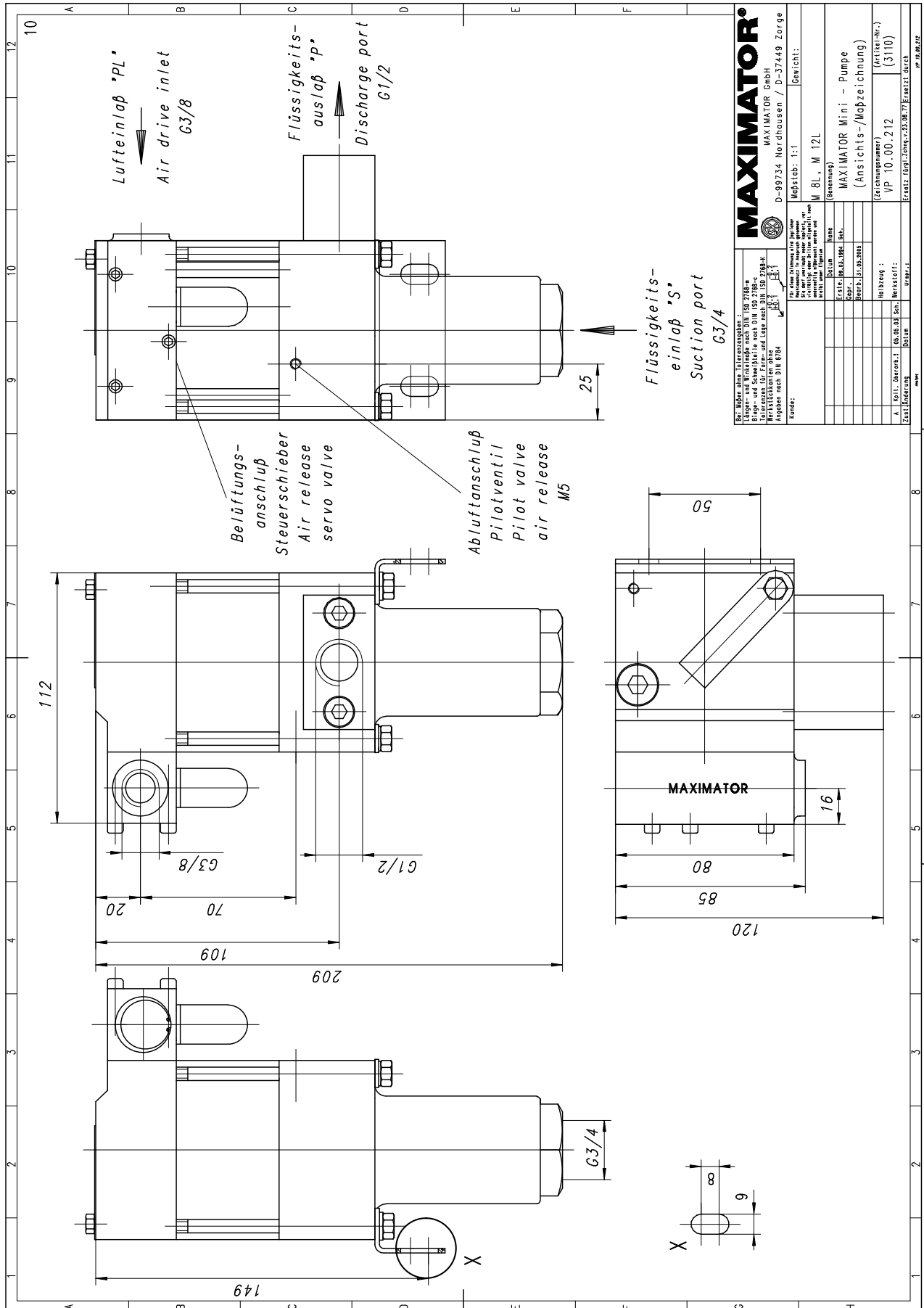
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### Leistungsdiagramm/Performance Graph M(O)(SF) 8

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

