

# MAXIMATOR®

## Maximum Pressure.

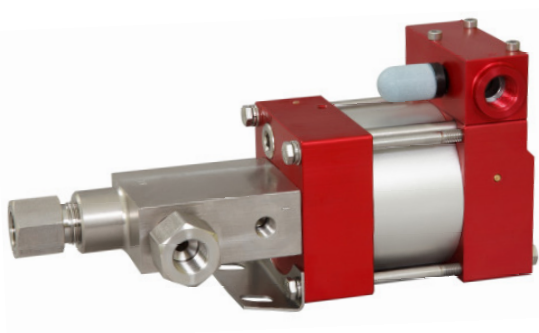


High Pressure Technology • Testing Equipment  
Hydraulics • Pneumatics

### Technical Data Sheet

### MSF111(L)

» Special liquids



MSF111(L)  
single acting, single air drive head and  
distance piece  
(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:	1,000 bar/ 14,500 psi
Pressure ratio:	1:130
Displacement volume/double stroke	1.0 cm <sup>3</sup> / 0.06 cu.inch

#### Connections:

Inlet:	Standard: Bottom Inlet 3/8 BSP
Outlet:	3/8 BSP
Air drive:	3/8 BSP
Maximum operating temperature:	60°C
Net weight:	3.5 kg

Pressure and flow performances, please see enclosed graph.

#### Wetted materials of construction:

Seal package:	MSF111(L): Filled Teflon (PTFE) Fluorcarbon (V)
Pump Body:	1.4571
Piston:	1.4571
Fittings:	1.4305

#### Approximate Dimensions:

Height:	247 mm
Depth:	112 mm
Width:	108 mm

#### Available Options:

Side inlet	MSF111(L)S
Special inlet and outlet ports, i.e. NPT	MSF111(L)-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:	MSF111(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:	MSF111(L) with C1/SVair (The required outlet pressure has to be indicated.)

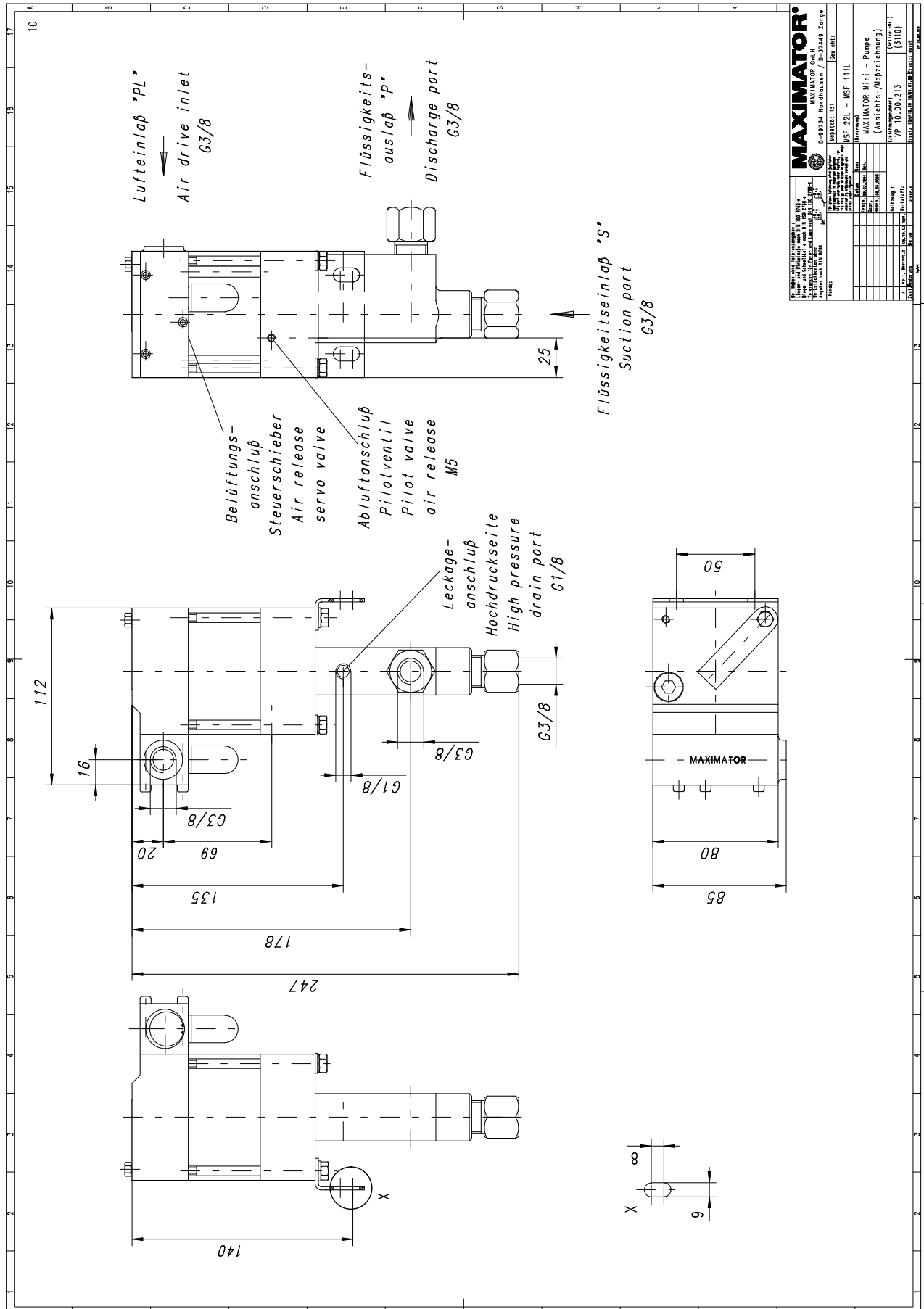
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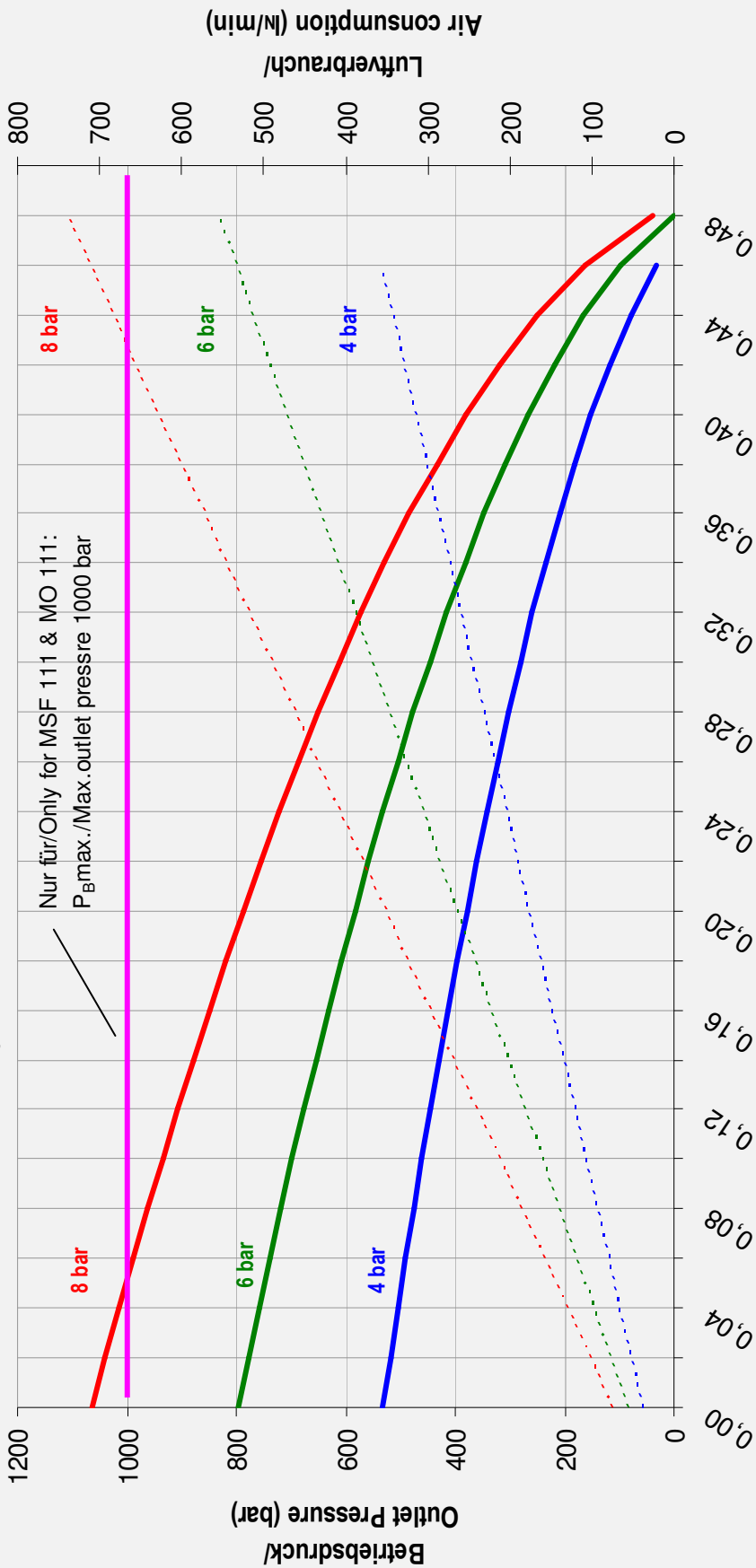


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### Leistungsdiagramm/Performance Graph M(O)(SF) 111

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



Förderleistung/Flow (l/min)

- Betriebsdruck bei/Outlet Pressure at 4 bar
- Betriebsdruck bei/Outlet Pressure at 6 bar
- Luftverbrauch bei/Air consumption at 4 bar
- Betriebsdruck bei/Outlet Pressure at 8 bar
- Luftverbrauch bei/Air consumption at 6 bar
- Luftverbrauch bei/Air consumption at 8 bar