

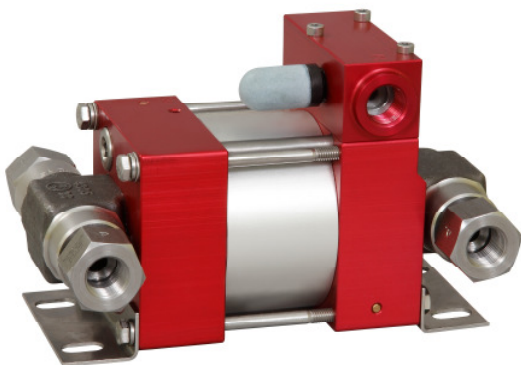
MAXIMATOR®

Maximum Pressure.



High Pressure Technology • Testing Equipment
Hydraulics • Pneumatics

Technical Data Sheet



M37D
double acting, single air drive head
(Standard= Side inlet)

M37D

» Oil service

M37DVE

» Water service

Technical Data:

Air drive pressure:	1-10 bar / 14,5 - 145psi
Calculated Outlet Pressure at an air drive of 10 bar/145 psi:	460 bar/ 6,670 psi
Pressure ratio:	1:46
Displacement volume/double stroke	5.6 cm ³ / 0.34 cu.inch

Connections:

Inlet:	Standard: Side Inlet 3/8 BSP
Outlet:	3/8 BSP
Air drive:	3/8 BSP
Maximum operating temperature:	60°C
Net weight:	3.7 kg

Pressure and flow performances, please see enclosed graph.

Wetted materials of construction:

Seal package:	M37D: Polyurethan, NBR M37DVE: UHMWPE, FKM
Pump Body:	1.4305
Piston:	1.4112 (hardened)
Fittings:	1.4104

Approximate Dimensions:

Height:	195 mm
Depth:	104 mm
Width:	112 mm

Available Options:

Seal material for oil service:	M37D
Seal material for water service:	M37DVE
Liquid inlet	Standard: side inlet, bottom inlet not available
Special inlet and outlet ports, i.e. NPT	M37D-NPT M37DVE-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: M37D 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: M37D with C1/SVair (The required outlet pressure has to be indicated.)

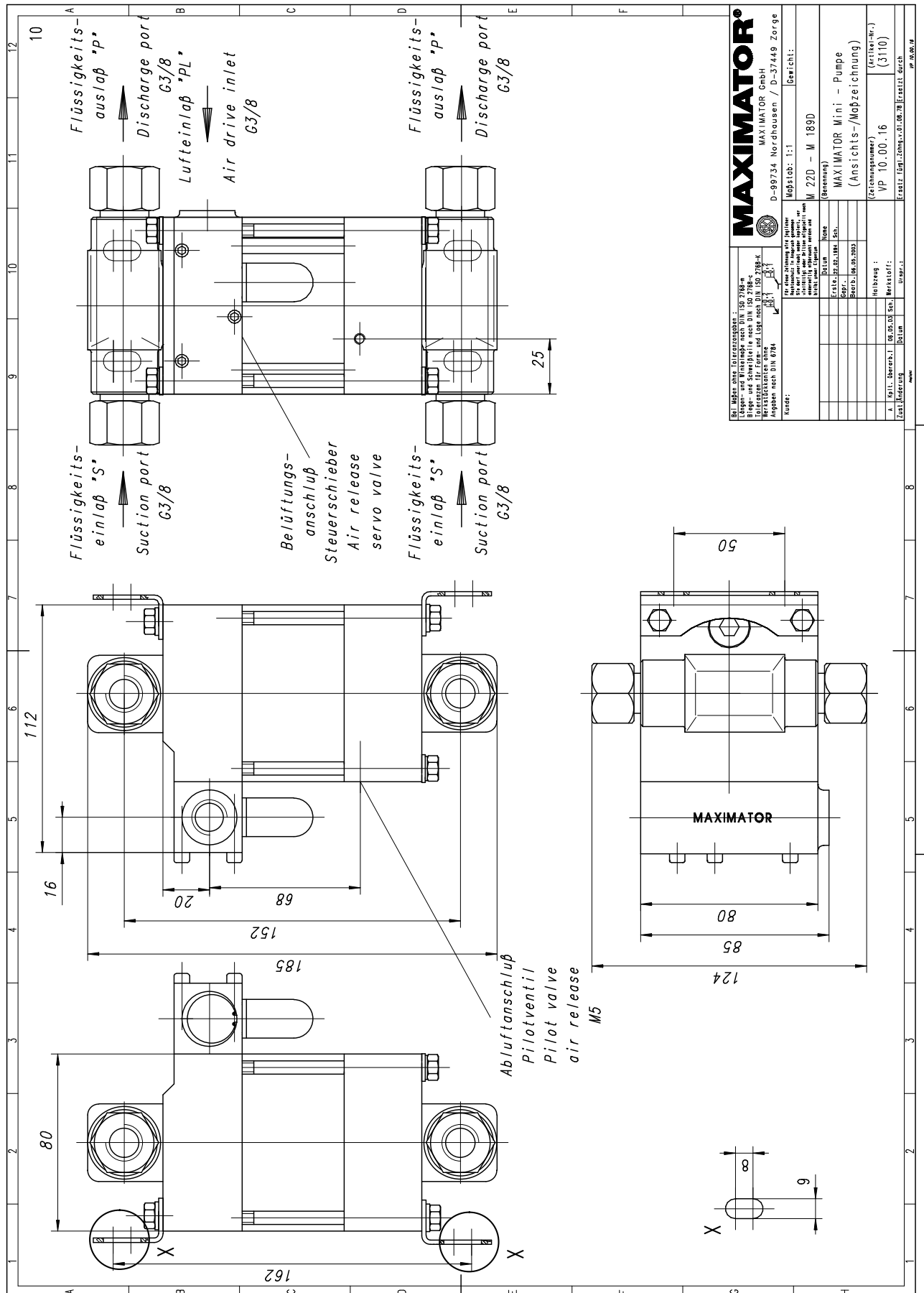
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Leistungsdiagramm/Performance Graph M(O) 37 D

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

