

MAXIMATOR®

Maximum Pressure.

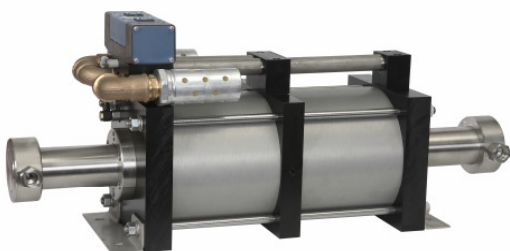


High Pressure Technology • Testing Equipment
Hydraulics • Pneumatics

Technical Data Sheet

GPD180-2

» Oil and Water Service



GPD180-2
double acting, double air drive head

Technical Data:

Air drive pressure:	1-10 bar / 14,5 - 145psi
Calculated Outlet Pressure at an air drive of 10 bar/145 psi:	3000 bar/ 43,500 psi
Pressure ratio:	1:374
Displacement volume/double stroke	69 cm ³ / 4,2 cu.inch

Connections:

Inlet:	BSP 1/4"
Outlet:	3/4"-16UNF (6HF)
Air drive:	BSP 1"
Maximum operating temperature:	60°C
Net weight:	78 kg

Pressure and flow performances, please see enclosed graph.



Pumps of the GPD Series that are marked with an EX sign and are supplied with a declaration of conformity as defined in 94/9/EC may be used in areas subject to explosion hazards. They are in conformity to Group II Category 2G Explosion group IIB constructive safety.

Wetted materials of construction:

Seal package:	GPD 180-2: UHMWPE, FKM
Pump Body:	1.4305
Piston:	1.4112 (hardened)
Fittings:	1.4305

Approximate Dimensions:

Height:	415 mm
Depth:	315 mm
Width:	950 mm

Available Options:

Inlet and Outlet piping to one common inlet and one common outlet port

Available Accessories:

Air control units with filter pressure regulator, control pressure gauge and shut off valve:	GPD180-2 with C3
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:	GPD180-2 with C3/SVair (The required outlet pressure has to be indicated.)

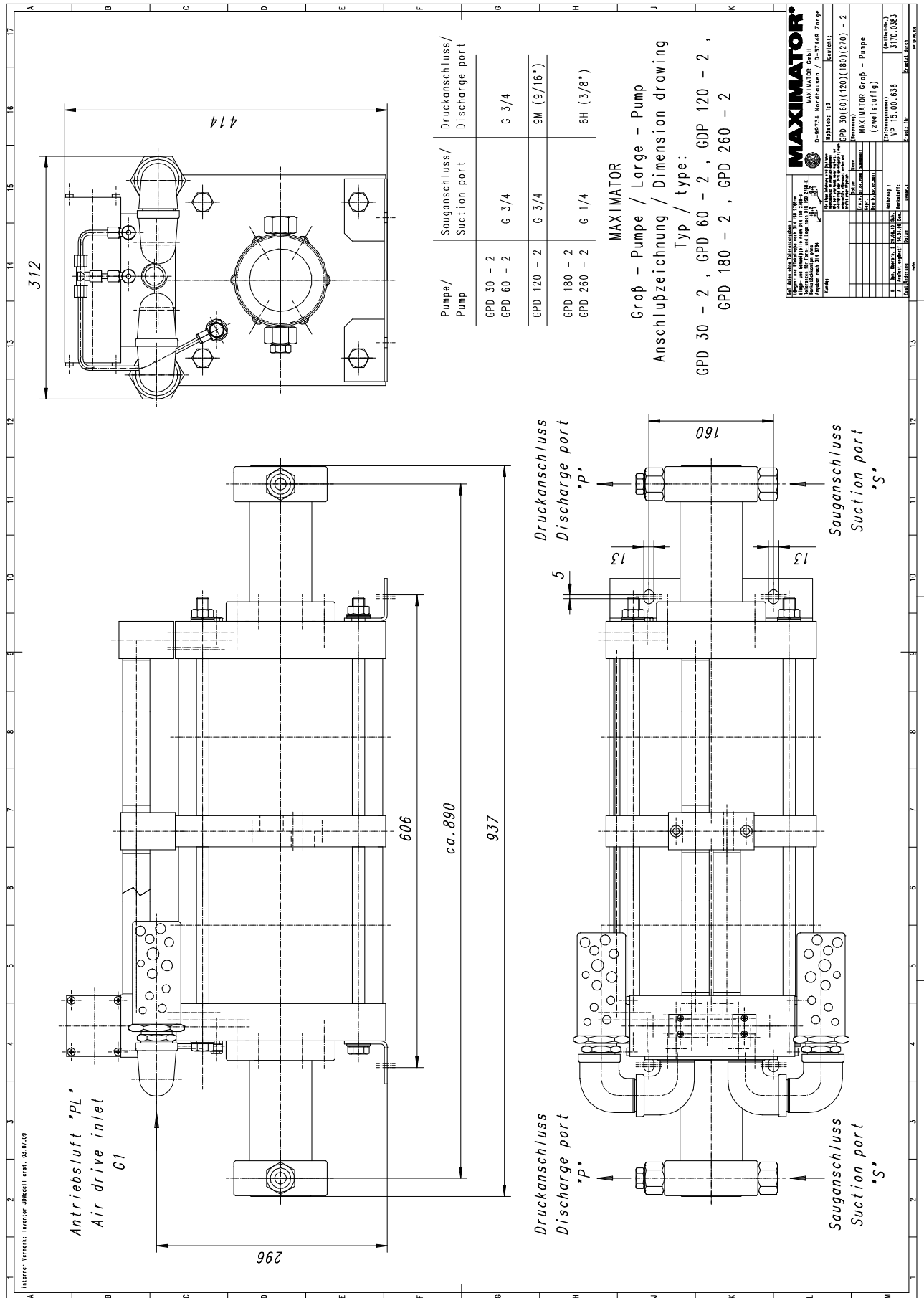
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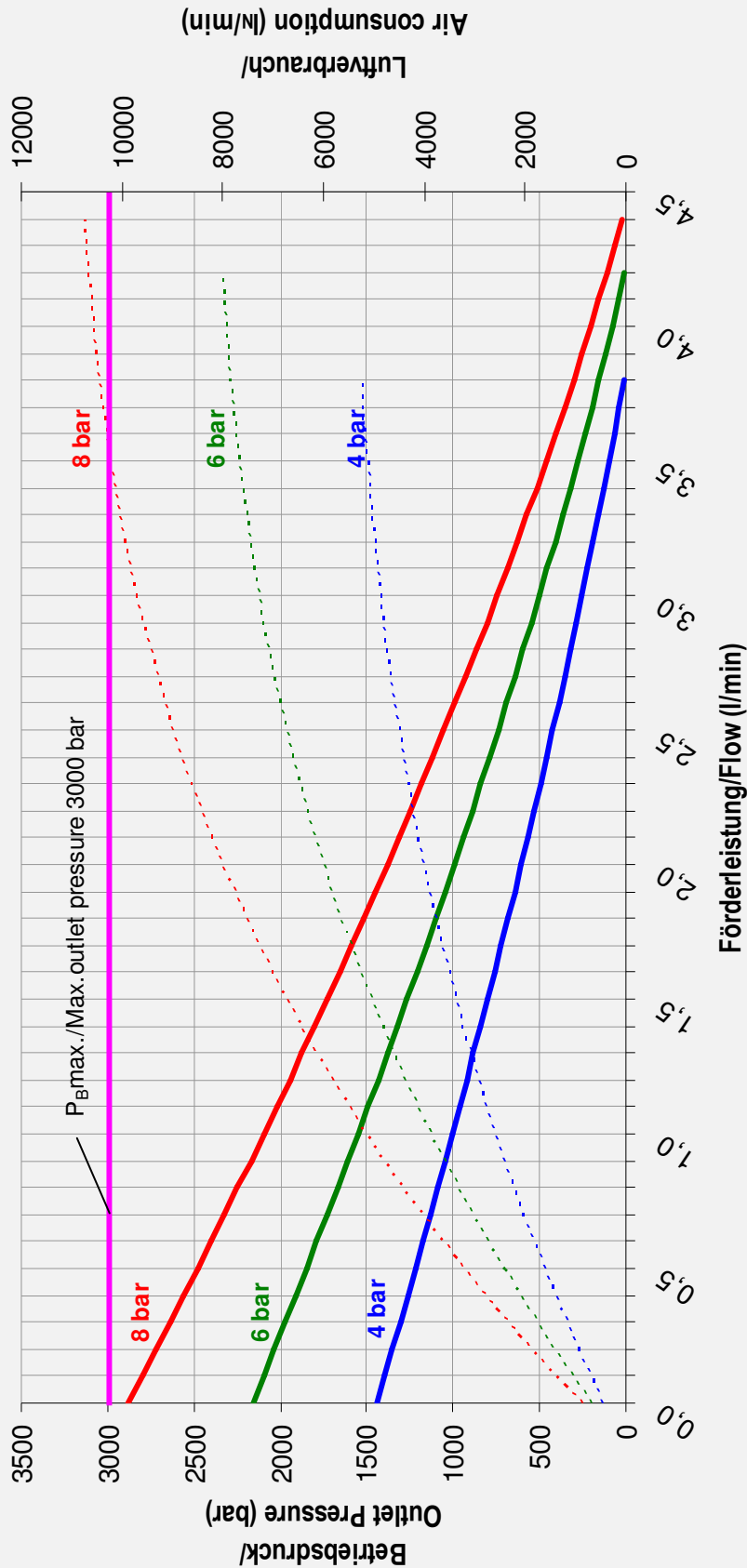


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Leistungsdiagramm/Performance Graph GPD180-2

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



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