

# MAXIMATOR®

## Maximum Pressure.

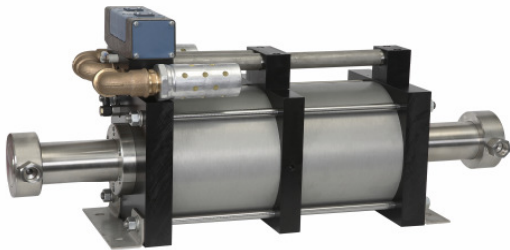


High Pressure Technology • Testing Equipment  
Hydraulics • Pneumatics

### Technical Data Sheet

GPD30-2

» Oil and Water Service



GPD30-2  
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:	600 bar/ 8700 psi
Pressure ratio:	1:60
Displacement volume/double stroke	508 cm <sup>3</sup> / 31,0 cu.inch

#### Connections:

Inlet:	BSP 3/4"
Outlet:	BSP 3/4"
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 30-2: 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:	GPD30-2 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:	GPD30-2 with C3/SVair (The required outlet pressure has to be indicated.)

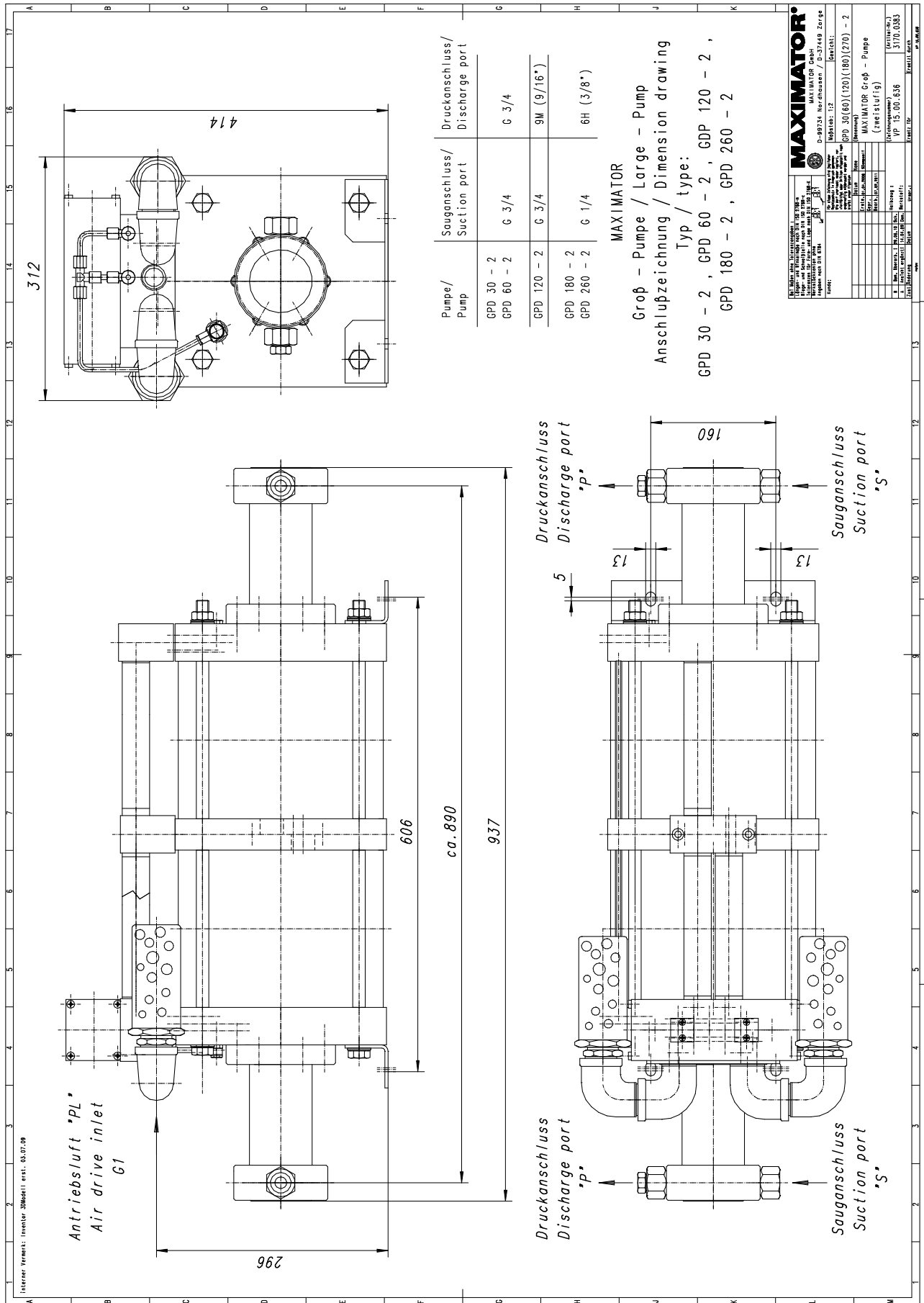
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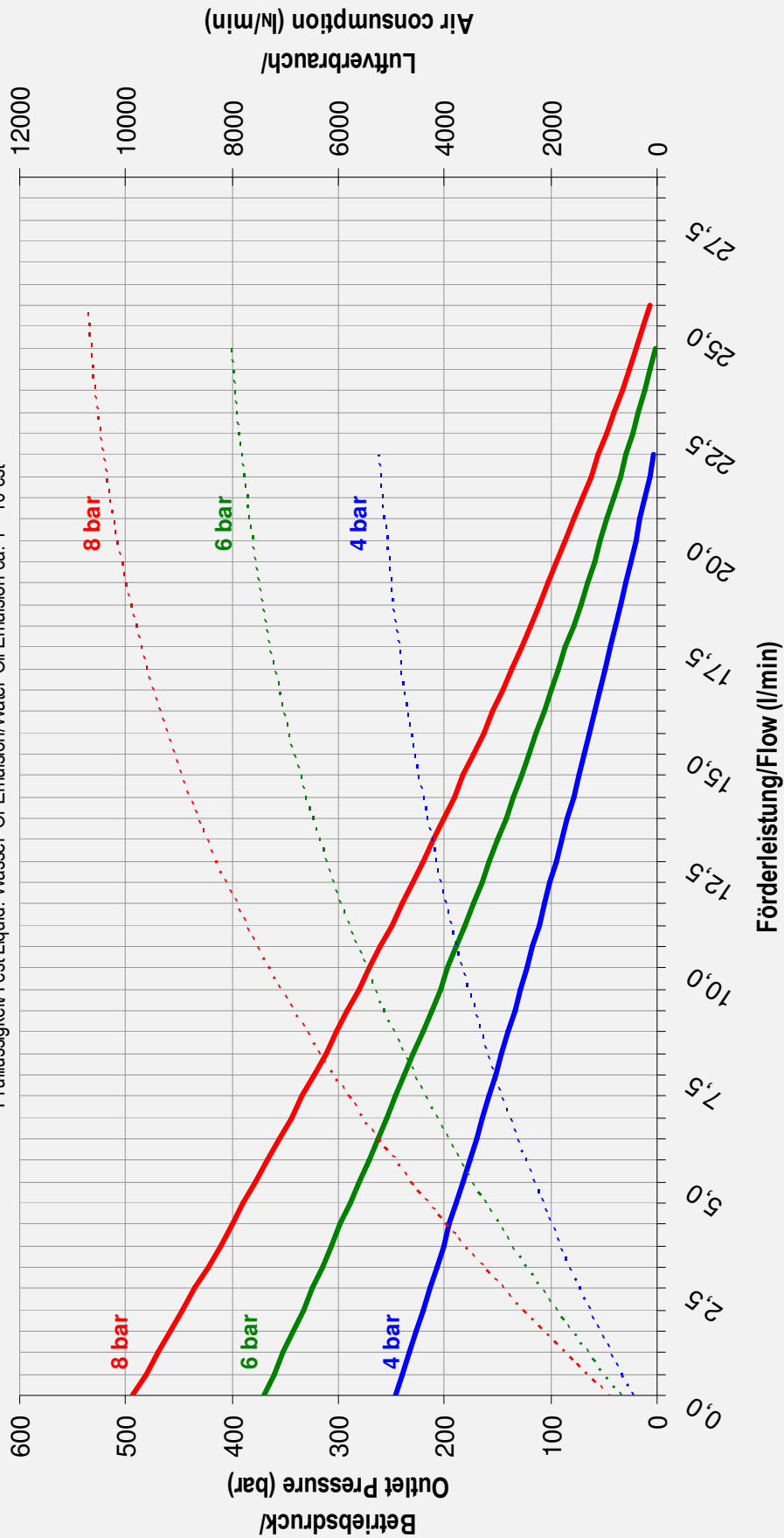


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### Leistungsdiagramm/Performance Graph GPD 30-2

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



- 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