

MAXIMATOR®

Maximum Pressure.

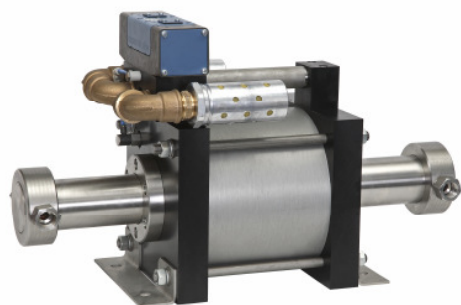


High Pressure Technology • Testing Equipment
Hydraulics • Pneumatics

Technical Data Sheet

GPD180

» Oil and Water Service



GPD180
double acting, single 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:	1290 bar/ 27,840 psi
Pressure ratio:	1:129
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:	58 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: UHMWPE, FKM
Pump Body:	1.4571
Piston:	1.4301 (coated)
Fittings:	17-4 PH

Approximate Dimensions:

Height:	415 mm
Depth:	315 mm
Width:	710 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 with C2
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 with C2/SVair (The required outlet pressure has to be indicated.)

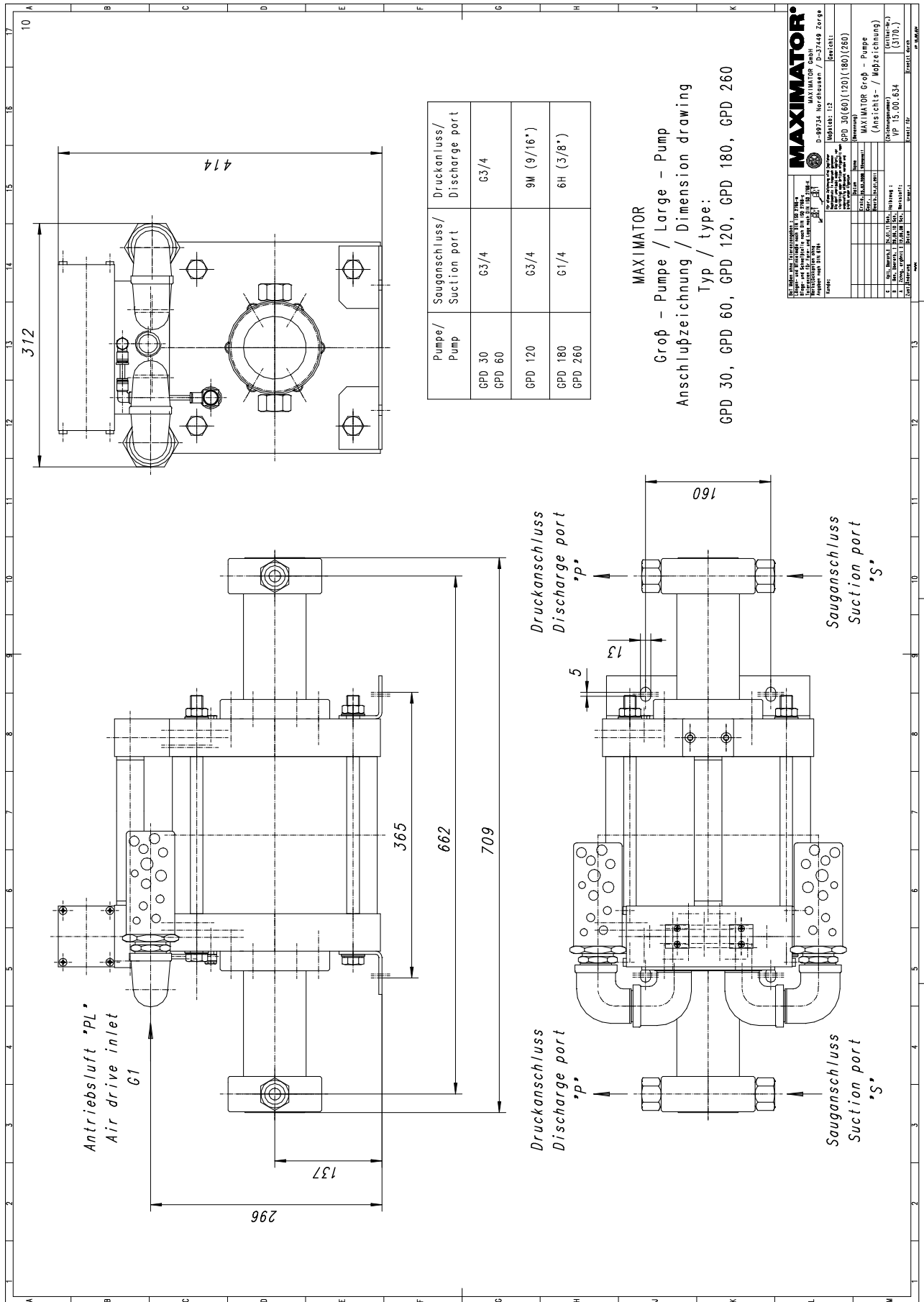
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Leistungsdiagramm/Performance Graph GPD 180

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

