

MAXIMATOR®

Maximum Pressure.

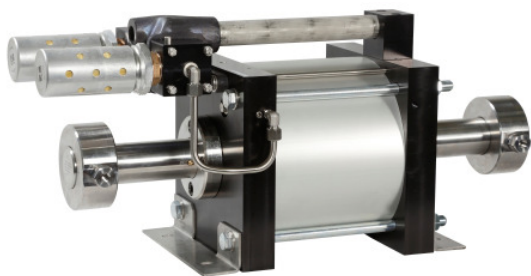


High Pressure Technology • Testing Equipment
Hydraulics • Pneumatics

Technical Data Sheet

GPD30

» Oil and Water Service



GPD30
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:	300 bar/ 4350 psi
Pressure ratio:	1:30
Displacement volume/double stroke	508 cm ³ / 31,0 cu.inch

Connections:

Inlet:	BSP 3/4"
Outlet:	BSP 3/4"
Air drive:	BSP 3/4"
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 IIC constructive safety.

Wetted materials of construction:

Seal package:	GPD 30: UHMWPE, FKM
Pump Body:	1.4305
Piston:	1.4112 (hardened)
Fittings:	1.4305

Approximate Dimensions:

Height:	343 mm
Depth:	300 mm
Width:	777 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 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:	GPD30 with C2/SVair (The required outlet pressure has to be indicated.)

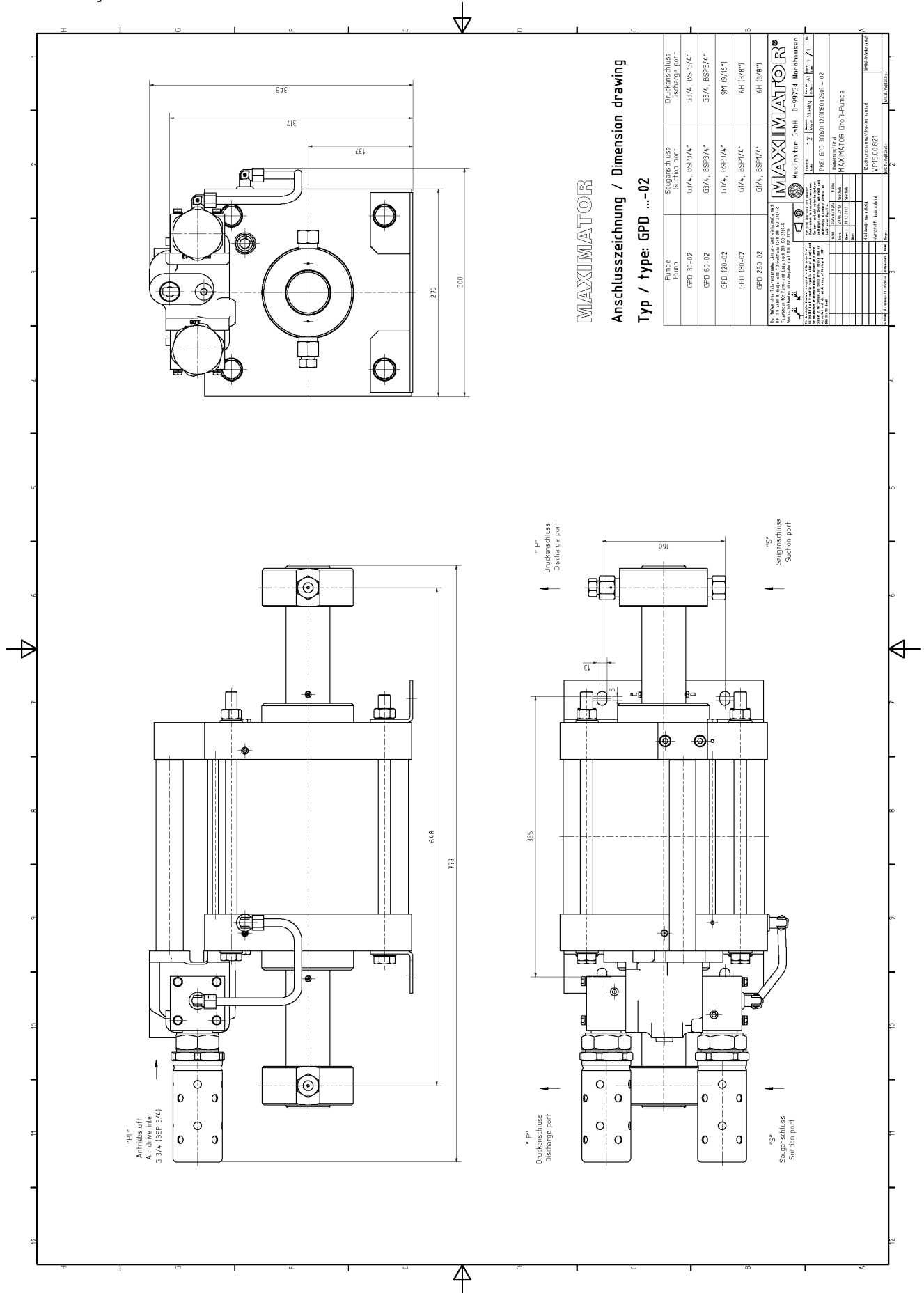
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Anschlusszeichnung / Dimension drawing

Typ / type: GPD ...-02

Pumpe Pump	Sauganschluss Suction port	Druckanschluss Discharge port
GPD 30-02	G3/4, BSF3/4"	G3/4, BSF3/4"
GPD 60-02	G3/4, BSF3/4"	G3/4, BSF3/4"
GPD 120-02	G3/4, BSF3/4"	3M (3/16")
GPD 180-02	G1/4, BSF1/4"	G1/4 (3/8")
GPD 260-02	G1/4, BSF1/4"	G1/4 (3/8")

MAXIMATOR®
 Die 100 % Aluminium-Druckpumpe mit M 100 3/4" Maximaldruck von 1000 bar (15000 PSI) für die Anwendung in der Industrie, im Bergbau, im Bauwesen, im Maschinenbau, im Stahlbau, im Schiffbau, im Flugzeugbau, im Automobilbau, im Landmaschinenbau, im Agrarbereich, im Bergbau, im Bauwesen, im Maschinenbau, im Stahlbau, im Schiffbau, im Flugzeugbau, im Automobilbau, im Landmaschinenbau, im Agrarbereich.

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Druckpumpe GPD 30(60)(120)(180)(260) - 02
 Zeichnungsnummer: VP05.00.821
 Datum: 12.01.2013
 Zeichner: M. K. / M. K.
 Geprüft: M. K. / M. K.
 Freigegeben: M. K. / M. K.

Leistungsdiagramm/Performance Graph GPD 30

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

