

# MAXIMATOR®

## Maximum Pressure.

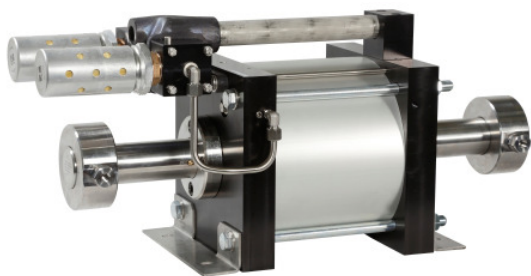


High Pressure Technology • Testing Equipment  
Hydraulics • Pneumatics

### Technical Data Sheet

GPD120

» Oil and Water Service



GPD120  
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:	1200 bar/ 17,400 psi
Pressure ratio:	1:129
Displacement volume/double stroke	121 cm <sup>3</sup> / 7,4 cu.inch

#### Connections:

Inlet:	BSP 3/4"
Outlet:	9M (9/16")
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 120: 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:	GPD120 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:	GPD120 with C2/SVair (The required outlet pressure has to be indicated.)

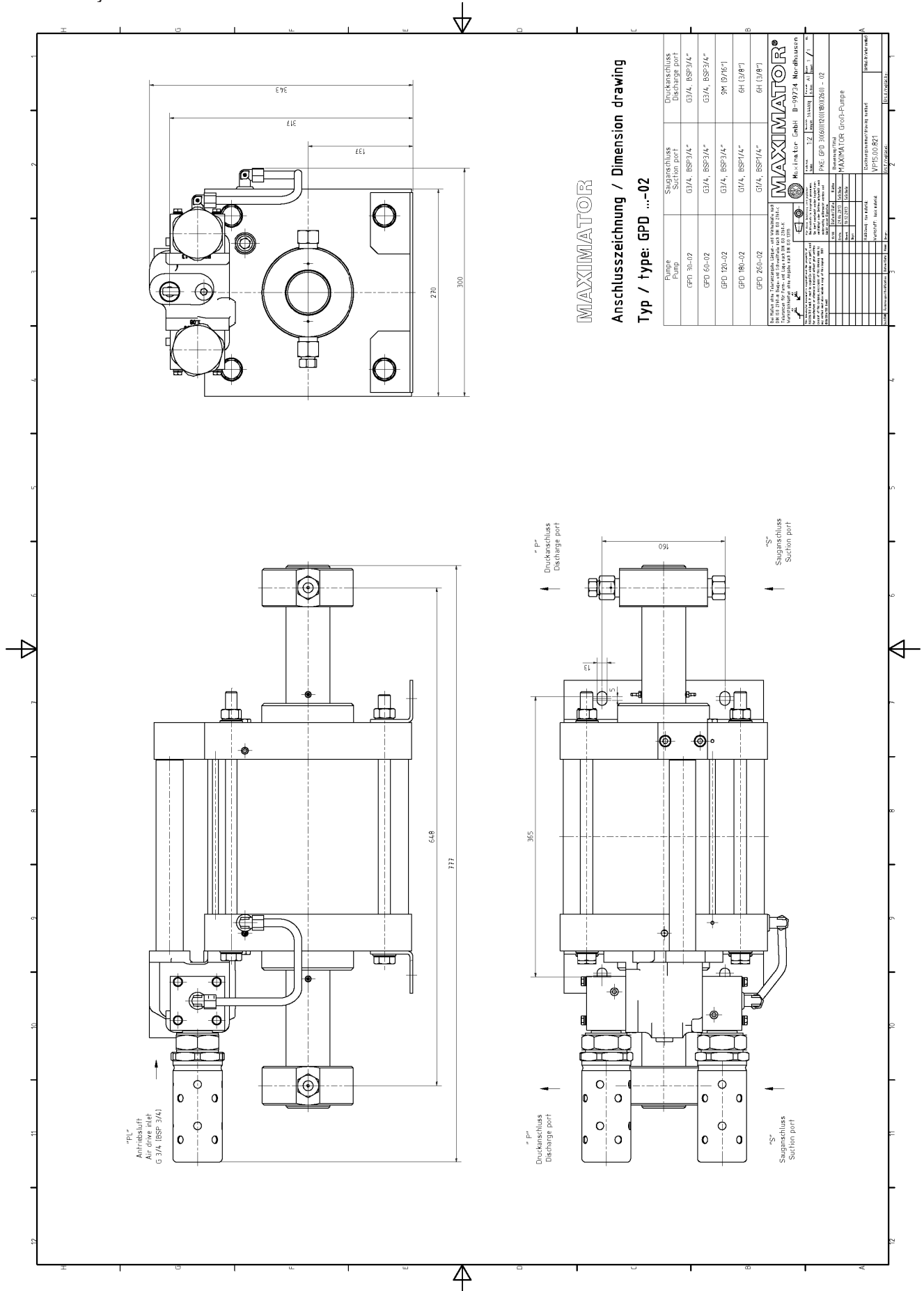
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Anschlusszeichnung / Dimension drawing

Typ / type: GPD ...-02

Pumpe Pump	Sauganschluss Suction port	Druckschluss Discharge port
GPD 30-02	G3/4, BSP3/4"	G3/4, BSP3/4"
GPD 60-02	G3/4, BSP3/4"	G3/4, BSP3/4"
GPD 120-02	G3/4, BSP3/4"	3M (3/8")
GPD 180-02	G1/4, BSP1/4"	G1/4 (3/8")
GPD 260-02	G1/4, BSP1/4"	G1/4 (3/8")

**MAXIMATOR®**  
 Die 100% in Deutschland hergestellten Hochdruckpumpen sind die weltweit besten. Maximator ist ein Markenname für die Qualität.  
 MAXIMATOR GPD 30(60)(120)(180)(260) - 02  
 Max. Line für: Gmbh B-99734 Nordhausen  
 Max. Line für: Gmbh B-99734 Nordhausen  
 PKE GPD 30(60)(120)(180)(260) - 02  
 MAXIMATOR Groß-Pumpe  
 VPES.00.821  
 GPD 30(60)(120)(180)(260) - 02

### Leistungsdiagramm/Performance Graph GPD 120

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

