

# MAXIMATOR®

## Maximum Pressure.

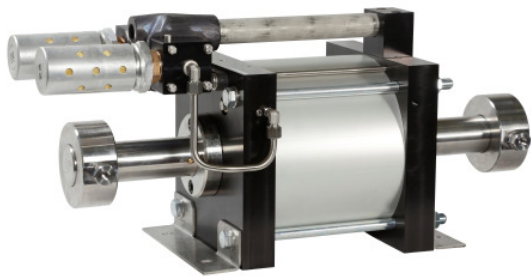


High Pressure Technology • Testing Equipment  
Hydraulics • Pneumatics

### 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:	1,920 bar/ 27,840 psi
Pressure ratio:	1:192
Displacement volume/double stroke	69 cm <sup>3</sup> / 4,2 cu.inch

#### Connections:

Inlet:	BSP 1/4"
Outlet:	6H (3/8")
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 180: UHMWPE, FKM
Pump Body:	1.4571
Piston:	1.4301 (coated)
Fittings:	17-4 PH

#### 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:

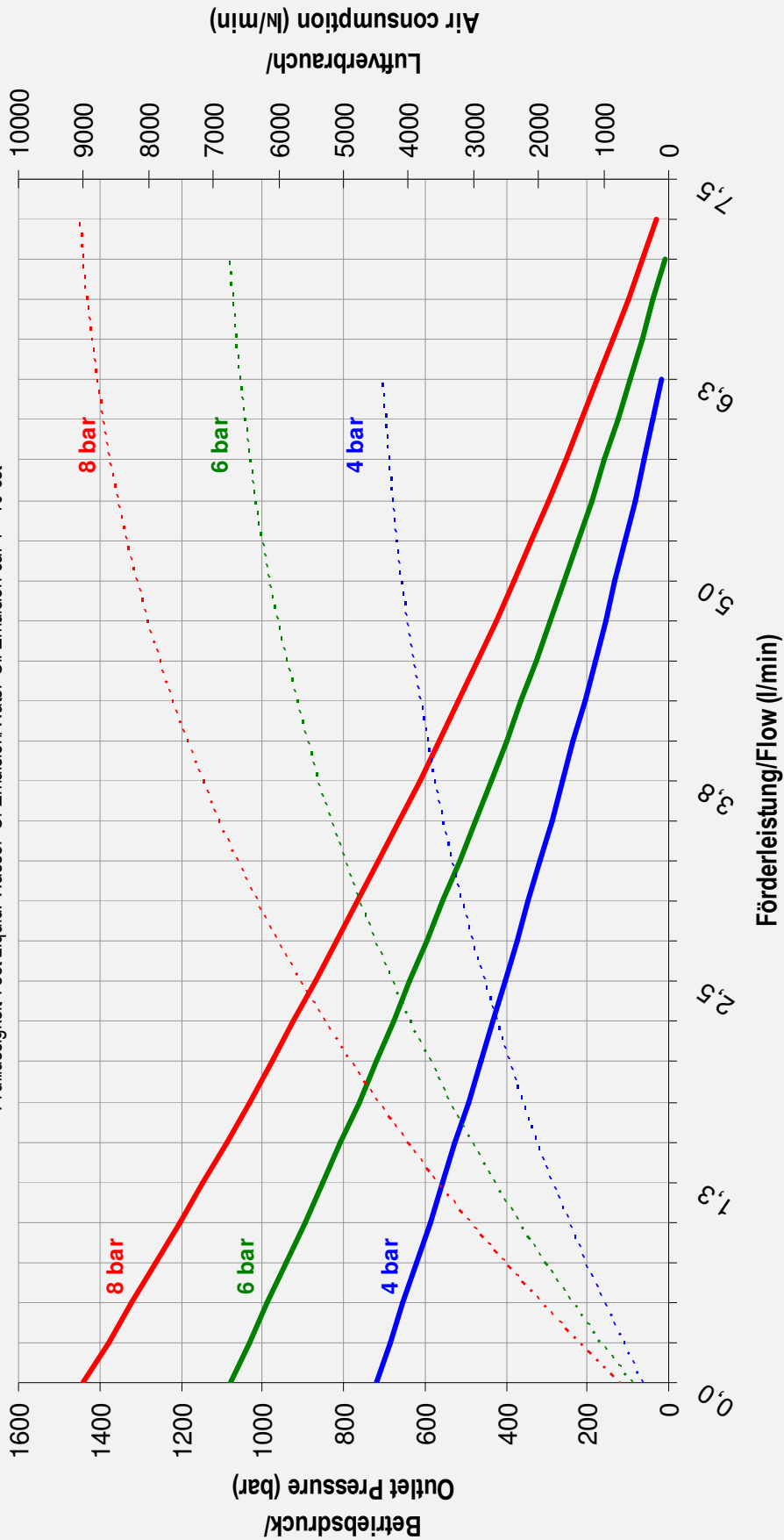
Air control units with filter pressure regulator, control pressure gauge and shut off valve:	GPD180 with C2
To protect the pump against excessive outlet pressures or to limit the outlet pressure, a safety valve can be fitted to the air control unit in the air drive line:	GPD180 with C2/SVair (The required outlet pressure has to be indicated.)

**Please consult factory for more information.** All technical and dimensional information subject to change. All General Terms and Conditions of sale, including limitations of our liability, apply to all products and services sold.



### Leistungsdiagramm/Performance Graph GPD 180

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