

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.) |

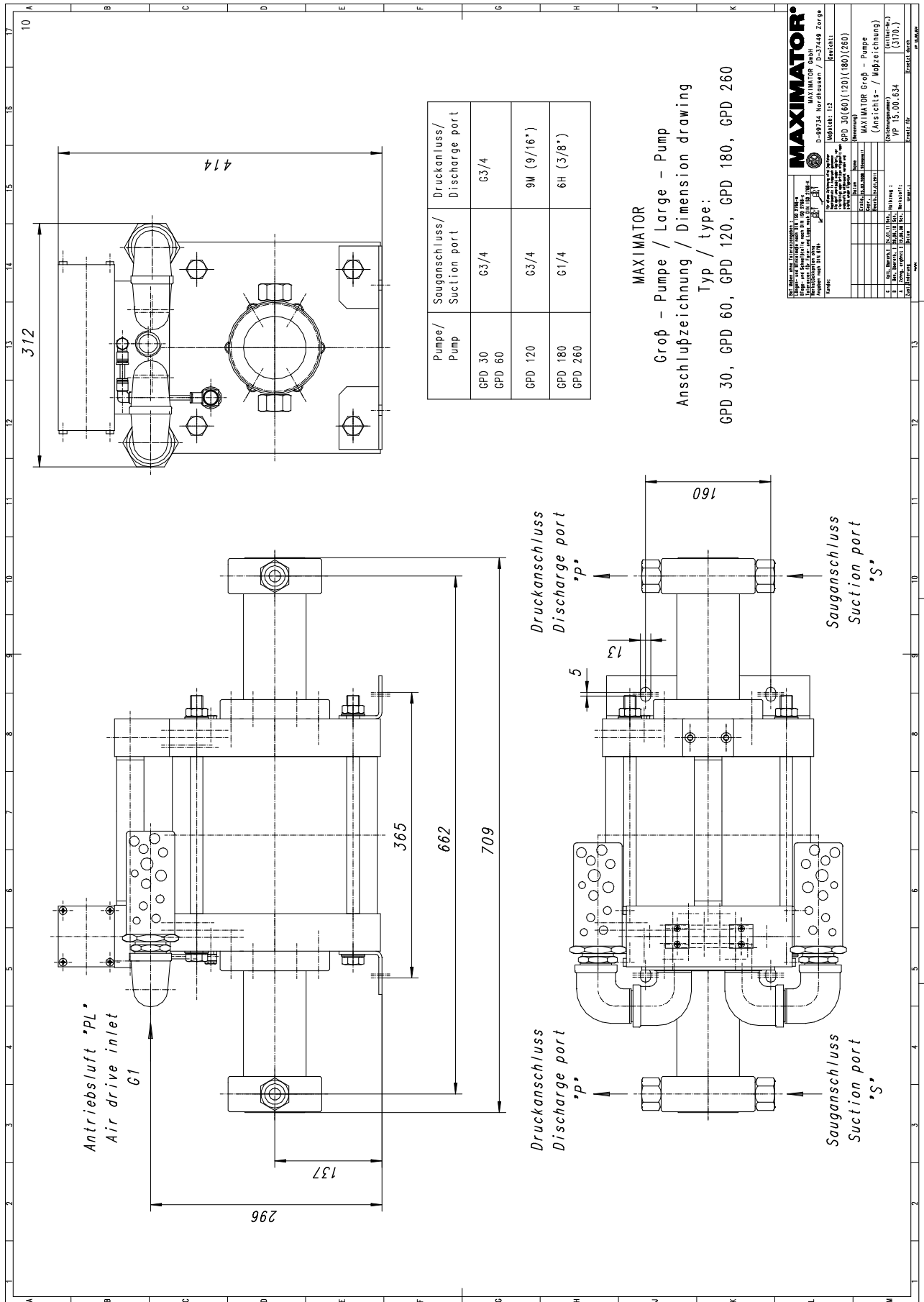
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Leistungsdiagramm/Performance Graph GPD 180

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

