

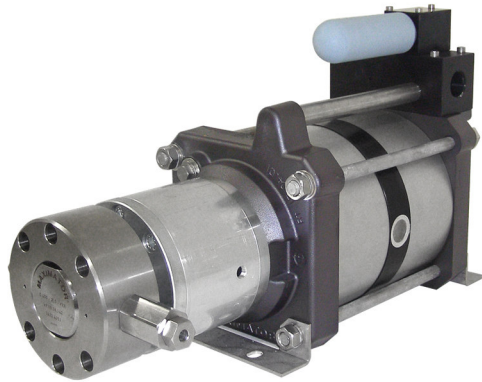
## Technical Data Sheet

G400-2 (L)-5U

» Oil service 

G400-2 (L) VE

» Water service



G400-2 (L)S-5U  
single acting, double air drive head

### Technical Data:

|                                          |                          |
|------------------------------------------|--------------------------|
| Air drive pressure:                      | 1-10 bar / 14,5 - 145psi |
| Maximum outlet pressure (oil service):   | 5,500 bar/ 79,750 psi    |
| Maximum outlet pressure (water service): | 4,000 bar/ 58,000 psi    |
| Pressure ratio:                          | 1:796                    |
| Displacement volume/double stroke        | 2.5 cm³/ 0.15 cu.inch    |

### Connections:

|                                |                                |
|--------------------------------|--------------------------------|
| Inlet:                         | Standard: bottom inlet 1/4 BSP |
| Outlet 5,500 bar/ 79,750 psi:  | 5U (5/8-18UNF) oil service     |
| Outlet 4,000 bar/ 58,000 psi:  | 4H (9/16-18 UNF) water service |
| Air drive:                     | 3/4 BSP                        |
| Maximum operating temperature: | 60°C                           |
| Net weight:                    | 22.0 kg                        |

Pressure and flow performances, please see enclosed graph.

### Wetted materials of construction:

|               |                                                         |
|---------------|---------------------------------------------------------|
| Seal package: | G400-2(L): Polyurethan, NBR<br>G400-2(L)VE: UHMWPE, FKM |
| Pump Body:    | Stainless Steel                                         |
| Piston:       | carbide metal                                           |
| Fittings:     | 17-4PH                                                  |

### Approximate Dimensions:

|                         |                          |
|-------------------------|--------------------------|
| Height / Depth / Width: | 483 mm / 211 mm / 272 mm |
|-------------------------|--------------------------|

### Available Options:

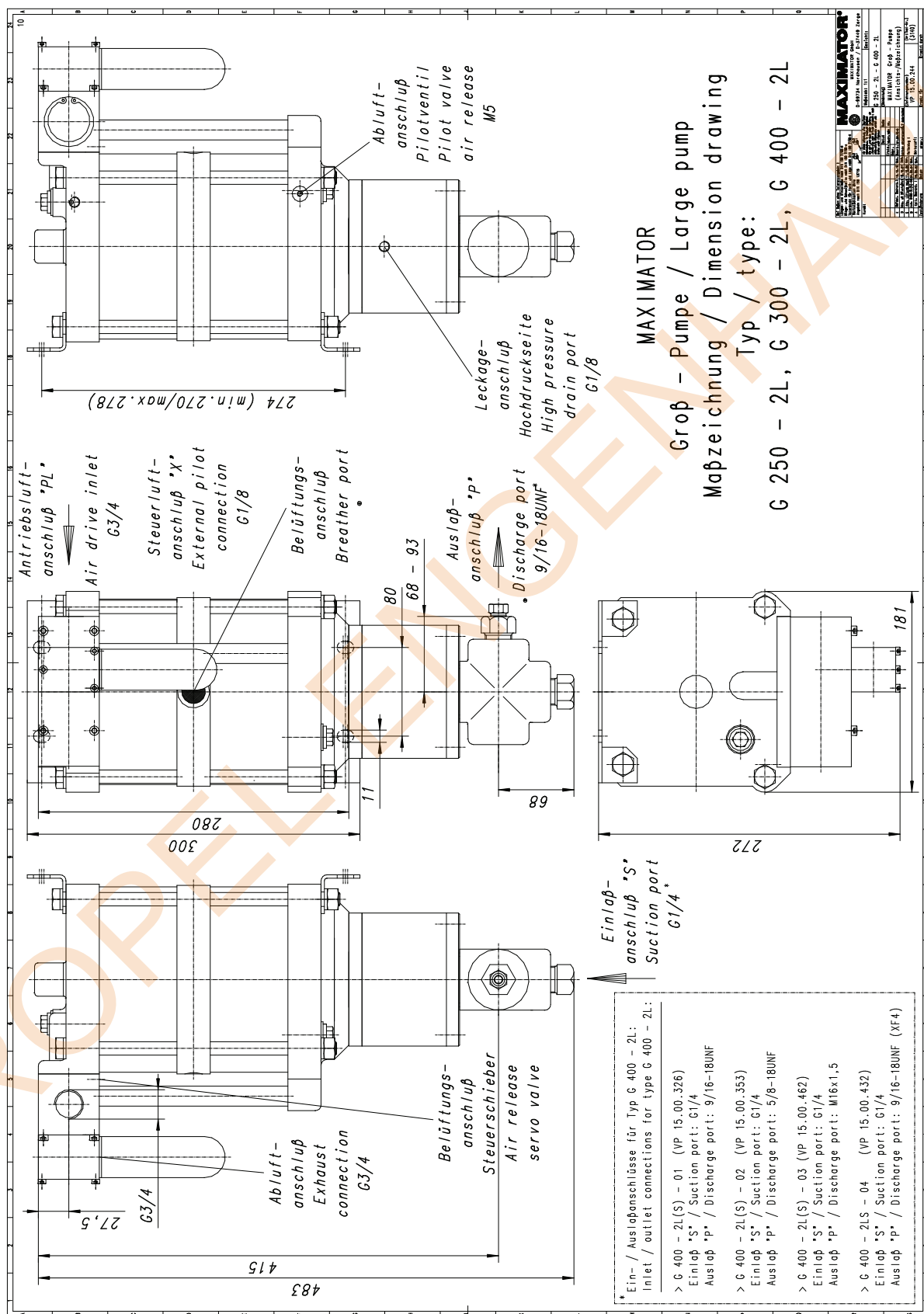
|                                                            |                                 |
|------------------------------------------------------------|---------------------------------|
| Outlet pressure 5,500 bar/ 79,750 psi (oil):               | G400-2 (L)S-5U (5/8-18 UNF)     |
| Seal material for oil service:                             | G400-2 (L)                      |
| Seal material for water service:                           | G400-2(L)VE                     |
| Side inlet:                                                | G400-2(L)S/ G400-2(L)VES        |
| Special inlet and outlet ports, i.e. NPT:                  | G400-2(L)-NPT / G400-2(L)VE-NPT |
| Special seal material to handle special fluids on request. |                                 |

### Available Accessories:

|                                                                                                                                                                     |                                                                             |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| Air control units with filter pressure regulator, control pressure gauge and shut off valve:                                                                        | G400-2(L) 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: | G400-2(L) with C2/SVair (The required outlet pressure has to be indicated.) |

 **For operating pressures above 4,000 bar (58,000 psi) common hydraulic fluids can't be used. We recommend the use of Maxi-fluid (Item Code: 1090.0270) which will remain in the liquid phase at pressure levels.**

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.



## Leistungsdigramm/Performance Graph G 400 -2L

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

