

MAXIMATOR®

maximum pressure

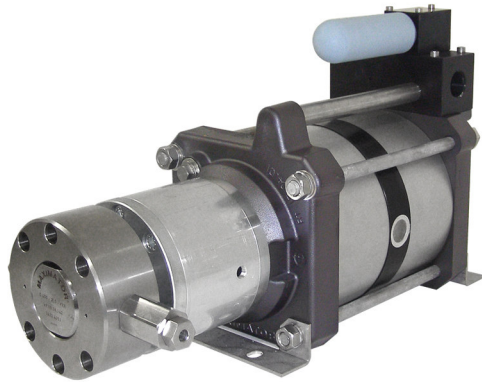
Technical Data Sheet

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 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
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Available Options:

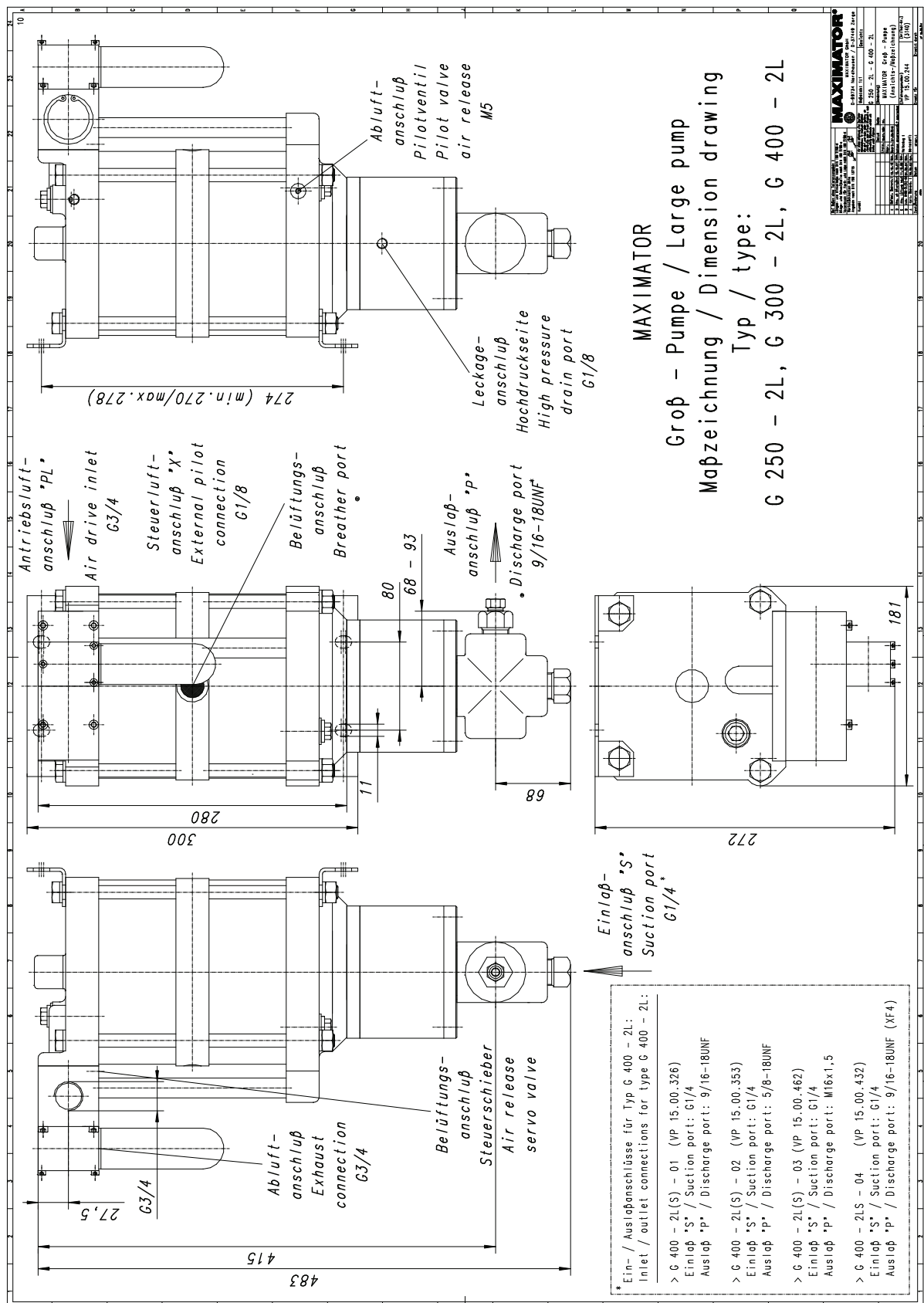
Outlet pressure 5,500 bar/ 79,750 psi (oil):	G400-2 (L)S-5U (5/8-18 UNF)
Seal material for oil service:	G400-2 (L)
Seal material for water service:	G400-2(L)VE
Side inlet:	G400-2(L)S/ G400-2(L)VES
Special inlet and outlet ports, i.e. NPT:	G400-2(L)-NPT / G400-2(L)VE-NPT
Special seal material to handle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

