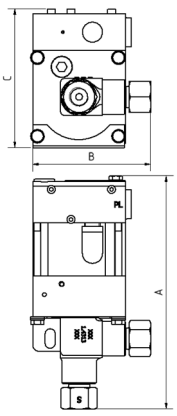
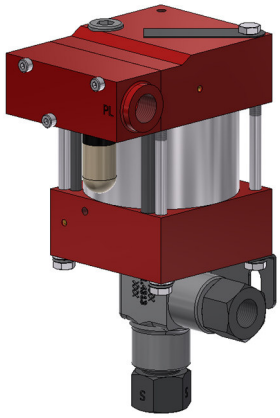
MAXIMATOR®
maximum pressure

PROPEL ENGENHARIA

Technical Data Sheet

M111 (L)	» Oil service
M111 (L) VE	» Water service





M111 (L)
single acting, single air drive head
(Standard= Bottom inlet)

Technical Data:	
Air drive pressure:	1 - 10 bar / 14.5 - 145 psi
Calculated working pressure:	1300 bar / 18850 psi
Pressure ratio:	1:130
Displacement volume/double stroke:	1.0 cm³ / 0.06 cu.inch
Connections:	
Inlet:	Standard: Bottom Inlet 3/8“ BSP
Outlet:	3/8“ BSP
Air drive:	3/8“ BSP
Maximum operating temperature:	60°C
Net weight:	2.8 kg

Pressure and flow performances, please see enclosed graph.

Wetted materials of construction:	
Seal package:	M111(L): Polyurethane M111(L)VE: UHMWPE, FKM
Pump Body:	1.4313
Piston:	1.4112
Fittings:	1.4542

Approximate Dimensions:	
A:	202.5 mm
B:	104 mm
C:	120 mm

Available Options:	
Seal material for oil service:	M111(L)
Seal material for water service:	M111(L)VE
Side inlet:	M111(L)S/ M111(L)VES
Hand lever/ Spring return:	M111-HL (only available with seal package Polyurethane, NBR)
External pilot port modification:	M111(L)-DIR
Special inlet and outlet ports, i.e. NPT:	M111(L)-NPT M111(L)VE-NPT
Special seal material to handle special fluids on request.	

Available Accessories:	
Air control units for M series with filter pressure regulator, control pressure gauge and shut off valve:	M111(L) with C1
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.	M111(L) with C1/SV-air (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.

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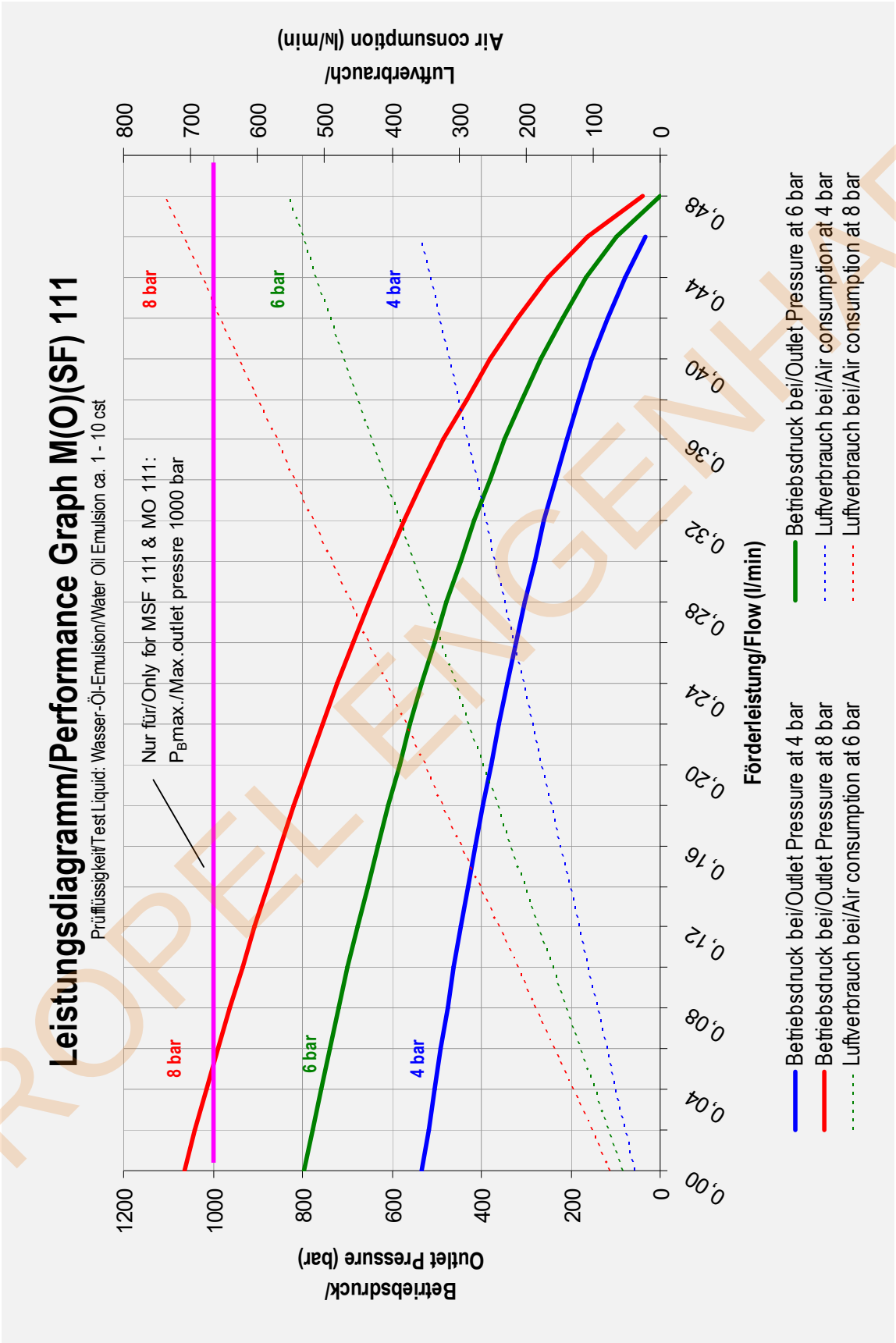

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