


# MAXIMATOR®

<b>Technical Sheet</b> Release: 7/2000	<b>M111(L)</b>	Oil service		
	<b>M111(L)VE</b>	Water service		
 <p style="text-align: center;"><b>M111(L)</b>          Single acting, single air drive head          (Standard = Bottom inlet)</p>	<b>Technical Data:</b>			
	Air Drive Pressure:	1–10 bar/14,5–145 psi		
	Calculated Outlet Pressure at an air drive of 10 bar / 145 psi	1,300 bar/ 18,850 psi		
	Pressure ratio:	1 : 130		
	Displacement Volume/Double Stroke:	1.0 cm <sup>3</sup> / 0.06 cu.inch		
	<b>Connections:</b>			
	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			
<i>Pressure and flow performances, please see enclosed graph.</i>				
<b>Wetted materials of construction:</b>				
Seal Package:	M111(L):	Polyurethane, Buna N		
	M111(L)VE	UHMWPE, Viton		
Pump Body:	1.4305			
Piston:	1.4112 (hardened)			
Fittings:	1.4104			
<b>Approximate Dimensions:</b>				
Height:	195 mm			
Depth:	104 mm			
Width:	112 mm			
<b>Available Options:</b>				
Seal material for oil service (standard):	M111(L)			
Seal material for water service:	M111(L)VE			
Side inlet:	M111(L) <b>S</b> / M111(L) <b>VES</b>			
Hand lever/Spring return:	M111- <b>HL</b> (only available with seal package Polyurethane, Buna N)			
External pilot port modification:	M111(L)- <b>DIR</b>			
Special inlet and outlet ports, i.e. NPT	M111(L)- <b>NPT</b> M111(L)VE- <b>NPT</b>			
Special seal material to handle special fluids on request.				
<b>Available Accessories:</b>				
Air control units for M series with filter pressure regulator, control pressure gauge and shut-off valve:	M111(L) <b>with C1</b>			
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) <b>with C1/SVair</b> (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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## Dimension Drawing M 111

*Lufteinlaß* = Air Drive Inlet  
*Flüssigkeitseinlaß* = Liquid Inlet  
*Flüssigkeitsauslaß* = Liquid Outlet  
Standard pump comes with BSP ports and bottom inlet.

