

Technical Data Sheet	<b>M37(L)</b>	Oil service
	<b>M37(L)VE</b>	Water service



**M37(L)**  
single acting, single air drive head  
(Standard= Bottom inlet)

### Technical Data:

Air drive pressure:	1-10 bar / 14,5—145 psi
Calculated Outlet Pressure at an air drive of 10 bar/145 psi	470 bar/ 6,670 psi
Pressure ratio:	1:47
Displacement volume/double stroke	2.8 cm <sup>3</sup> / 0.17 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

Pressure and flow performances, please see enclosed graph.

<b>Wetted materials of construction:</b>	seal package:	M37(L): Polyurthane, Buna N M37(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)	M37(L)
	Seal material for water service	M37(L)VE
	Side inlet	M37(L)S/ M37(L)VES
	Hand lever/ Spring return	M37-HL (only available with seal package Polyurethane, Buna N)
	External pilot port modification	M37(L)-DIR
	Special inlet and outlet ports, i.e. NPT	M37(L)-NPT M37(L)VE-NPT
	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:	M37(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:	M37(L) with C1/SVair (The required outlet pressure has to be indicated.)	

**Please consult factory for more information.**

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## Leistungsdiagramm/Performance Graph M(O)(SF) 37

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

