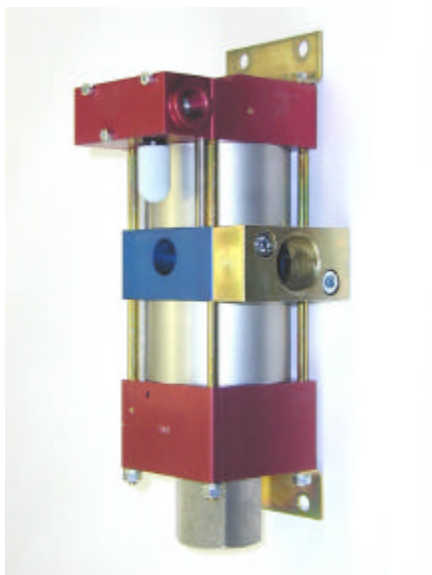


Technical Data Sheet	M1(L)	Oil service
	M1(L)VE	Water service



M1(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	10 bar/ 142 psi
Pressure ratio:	1:1
Displacement volume/double stroke	122 cm ³ / 7,44 cu.inch
Connections	
Inlet:	Standard: Bottom inlet 1 BSP
Outlet:	1 BSP
Air drive	3/8 BSP
Maximum operating temperature	60°C
Net weight	4,3 kg

Pressure and flow performances, please see enclosed graph.

Wetted materials of construction:	seal package:	M1(L): Polyurthane, Buna N M1(L)VE: UHMWPE, Viton
	Pump Body:	AlMgSiPB anodized
	Piston	1.4104
	Fittings	Inlet: 1.4305 Outlet: AlMgPbCu anodized
Approximate Dimensions:	Height:	280 mm
	Depth:	120 mm
	Width:	112 mm
Available Options:	Seal material for oil service (standard)	M1(L)
	Seal material for water service	M1(L)VE
	Special inlet and outlet ports, i.e. NPT	M1(L)-NPT M1(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:	M1(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:	M1(L) with C1/SVair (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.

Leistungsdiagramm/Performance Graph M1L

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

