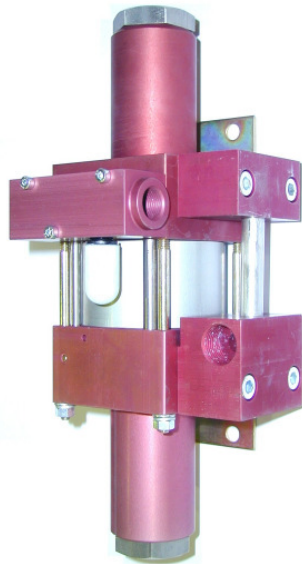


Technical Data Sheet	<b>M4D</b>	Oil service
	<b>M4DVE</b>	Water service



**M4D**

double acting, single air drive head

**Technical Data:**

Air drive pressure:	1-10 bar / 14,5—145 psi
Calculated Outlet Pressure at an air drive of 10 bar/145 psi	40 bar/ 580 psi
Pressure ratio:	1:4
Displacement volume/double stroke	61 cm <sup>3</sup> / 3.7 cu.inch
<b>Connections</b>	
Inlet:	Standard: bottom inlet 1 BSP
Outlet:	1/2 BSP
Air drive	3/8 BSP
Maximum operating temperature	60 °C
Net weight	4.7 kg

Pressure and flow performances, please see enclosed graph.

<b>Wetted materials of construction:</b>	seal package:	M4D: Polyurthane, Buna N M4DVE: 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)	M4D
	Seal material for water service	M4DVE
	Liquid inlet	Standard: side inlet, bottom inlet not available
	Special inlet and outlet ports, i.e. NPT	M4D-NPT M4DVE-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:	M4D 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:	M4D 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.

