

# MAXIMATOR®

## Maximum Pressure.



High Pressure Technology • Testing Equipment  
Hydraulics • Pneumatics

### Technical Data Sheet

M189-2 (L)

» Oil and Water service



M189-2 (L)  
single acting, double 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:	4,000 bar/ 58,000 psi
Pressure ratio:	1:440
Displacement volume/double stroke	0.6 cm <sup>3</sup> / 0.04 cu.inch

#### Connections:

Inlet:	Standard: Bottom Inlet 1/4 BSP
Outlet:	9/16-18UNF
Air drive:	3/8 BSP
Maximum operating temperature:	60°C
Net weight:	3.9 kg

Pressure and flow performances, please see enclosed graph.

#### Wetted materials of construction:

Seal package:	M189-2(L): Polyurethan, NBR
Pump Body:	1.4305
Piston:	1.4112 (hardened)
Fittings:	1.4104

#### Approximate Dimensions:

Height:	255 mm
Depth:	100 mm
Width:	112 mm

#### Available Options:

Side inlet	M189-2(L)S
Special inlet ports, i.e. NPT	M189-2(L)-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: M189-2(L) with C1

To protect the pump against excessive outlet pressures or to limit the outlet pressure, a safety valve M189-2(L) with C1/SVair (The required outlet pressure has to be indicated.) can be fitted to the air control unit in the air drive line:

**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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