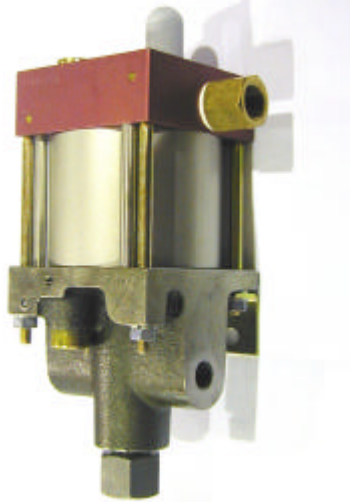


Technical Data Sheet	<b>MO189</b>	Oil service
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### Technical Data:

Air drive pressure:	1-10 bar / 14,5—145 psi
Calculated Outlet Pressure at an air drive of 10 bar/145 psi	1,000 bar/ 14,500 psi (maximum permitted)
Pressure ratio:	1:225
Displacement volume/double stroke	0.6 cm <sup>3</sup> / 0.04 cu.inch
<b>Connections</b>	
Inlet:	Standard: Bottom inlet 3/8 BSP
Outlet:	1/4 BSP
Air drive	3/8 BSP
Maximum operating temperature	60°C
Net weight	3.0 kg

### MO189

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

Pressure and flow performances, please see enclosed graph.

<b>Material of construction:</b>	Top cap	Aluminium
	Air cylinder	Aluminium
	seal package:	Polyurethane, Buna N
	Pump Body:	GGG50
	Piston	1.4112 (hardened)
<b>Approximate Dimensions:</b>	Height:	195 mm
	Depth:	104 mm
	Width:	112 mm
	Side inlet	MO189S
	External pilot port modification	MO189- <b>DIR</b>
	Special inlet and outlet ports, i.e. NPT	MO189- <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:	MO189 with <b>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:	MO189 with <b>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.



## Leistungsdiagramm/Performance Graph M(O) 189

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

