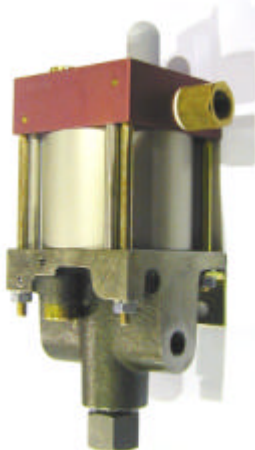


Technical Sheet Release: 7/2000	<b>MO189</b>	Oil service	
 <p style="text-align: center;"><b>MO189</b> Single acting, single air drive head (Standard = Bottom inlet)</p>	<b>Technical Data:</b>		
	Air Drive Pressure:	1–10 bar/14,5–145 psi	
	Calculated Outlet Pressure at an air drive of 10 bar / 145 psi	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	
	<i>Pressure and flow performances, please see enclosed graph.</i>		
	<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-DIR	
	Special inlet and outlet ports, i.e. NPT	MO189-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:	MO189 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:	MO189 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.*

# MAXIMATOR®

## Dimension Drawing MO189

*Lufteinlaß* = Air Drive Inlet  
*Flüssigkeitseinlaß* = Liquid Inlet  
*Flüssigkeitsauslaß* = Liquid Outlet  
Standard pump comes with BSP ports and bottom inlet.

