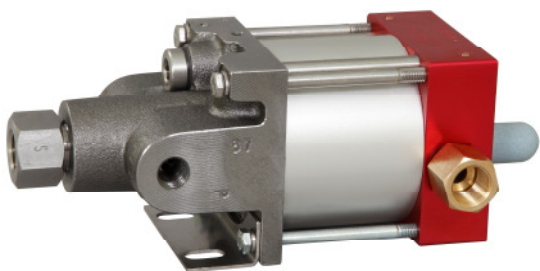


Technical Data Sheet

MO189

» Oil service



MO189
single acting, single air drive head
(Standard= Bottom inlet)

Technical Data:

Air drive pressure:	1-10 bar / 14,5 - 145psi
Calculated Outlet Pressure at an air drive of 10 bar/145 psi:	1,000 bar/ 14,504 psi
Pressure ratio:	1:225
Displacement volume/double stroke	0.6 cm ³ / 0.04 cu.inch

Connections:

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

Pressure and flow performances, please see enclosed graph.

Wetted materials of construction:

Top cap:	Aluminium
Air cylinder:	Aluminium
Seal package:	Polyurethane, NBR
Pump Body:	GGG50
Piston:	1.4112 (hardened)

Approximate Dimensions:

Height:	195 mm
Depth:	104 mm
Width:	112 mm

Available Options:

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.	

Available Accessories:

Air control units 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.



High Pressure Technology • Testing Equipment
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Leistungsdiagramm/Performance Graph M(O) 189

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

