

# MAXIMATOR®

maximum pressure

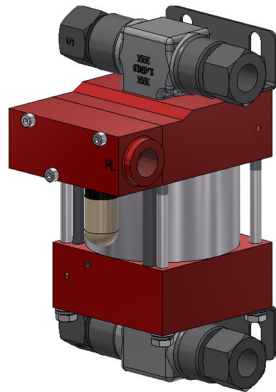
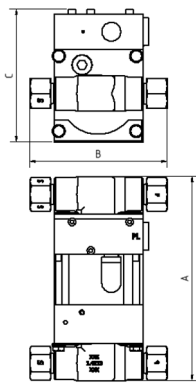
## Technical Data Sheet

M189D

» Oil service

M189DVE

» Water service



M189D  
double acting, single air drive head  
(Standard= Side inlet)

### Technical Data:

Air drive pressure: 1 - 10 bar / 14.5 - 145 psi

Calculated working pressure: 2200 bar / 31900 psi

Pressure ratio: 1:220

Displacement volume/double stroke: 1.2 cm³ / 0.07 cu.inch

### Connections:

Inlet: Standard: Side Inlet 3/8" BSP

Outlet: 3/8" BSP

Air drive: 3/8" BSP

Maximum operating temperature: 60°C

Net weight: 3.7 kg

Pressure and flow performances, please see enclosed graph.

### Wetted materials of construction:

Seal package: M189D: Polyurethane  
M189DVE: UHMWPE, FKM

Pump Body: 1.4313

Piston: 1.4112

Fittings: 1.4542

### Approximate Dimensions:

A: 185 mm

B: 124 mm

C: 120 mm

### Available Options:

Seal material for oil service: M189D

Seal material for water service: M189DVE

Liquid inlet: Standard: side inlet, bottom inlet  
not available

Special inlet and outlet ports, i.e. NPT: M189D-NPT  
M189DVE-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: M189D 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. M189D with C1/SV-air (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.

## Leistungsdigramm/Performance Graph M(O) 189 D

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

