

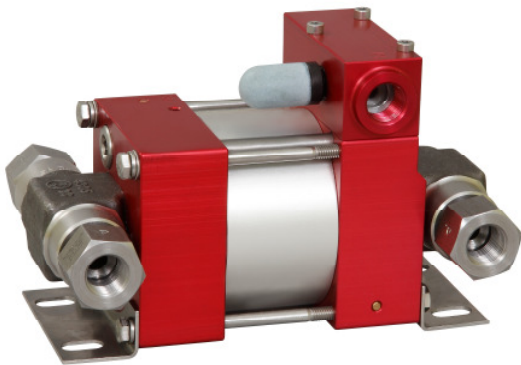
MAXIMATOR®

Maximum Pressure.



High Pressure Technology • Testing Equipment
Hydraulics • Pneumatics

Technical Data Sheet



M22D
double acting, single air drive head
(Standard= Side inlet)

M22D

» Oil service

M22DVE

» Water service

Technical Data:

Air drive pressure: 1-10 bar / 14,5 - 145psi

Calculated Outlet Pressure at an air drive of 10 bar/145 psi: 280 bar/ 4,060 psi

Pressure ratio: 1:28

Displacement volume/double stroke 9.2 cm³/ 0.56 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: M22D: Polyurethan, NBR
M22DVE: UHMWPE, FKM

Pump Body: 1.4305

Piston: 1.4112 (hardened)

Fittings: 1.4104

Approximate Dimensions:

Height: 195 mm

Depth: 104 mm

Width: 112 mm

Available Options:

Seal material for oil service: M22D

Seal material for water service: M22DVE

Liquid inlet Standard: side inlet, bottom inlet not available

Special inlet and outlet ports, i.e. NPT M22D-NPT
M22DVE-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: M22D 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: M22D 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.

Leistungsdiagramm/Performance Graph M(O) 22 D

