

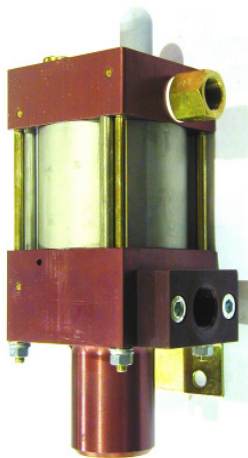


High Pressure Technology • Testing Equipment
Hydraulics • Pneumatics

Technical Data Sheet

MO12

» Oil service



MO12
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: 140 bar/ 2,030 psi

Pressure ratio: 1:14

Displacement volume/double stroke 9.4 cm³/ 0.57 cu.inch

Connections:

Inlet: Standard: Bottom Inlet 3/4 BSP

Outlet: 1/2 BSP

Air drive: 3/8 BSP

Maximum operating temperature: 60°C

Net weight: 2.5 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: AlCuMgPbF34 „anodized“

Piston: 1.4112 (hardened)

Approximate Dimensions:

Height: 190 mm

Depth: 102 mm

Width: 80 mm

Available Options:

Special inlet and outlet ports, i.e. NPT MO12-NPT

Special seal material to handle special fluids on request.

Available Accessories:

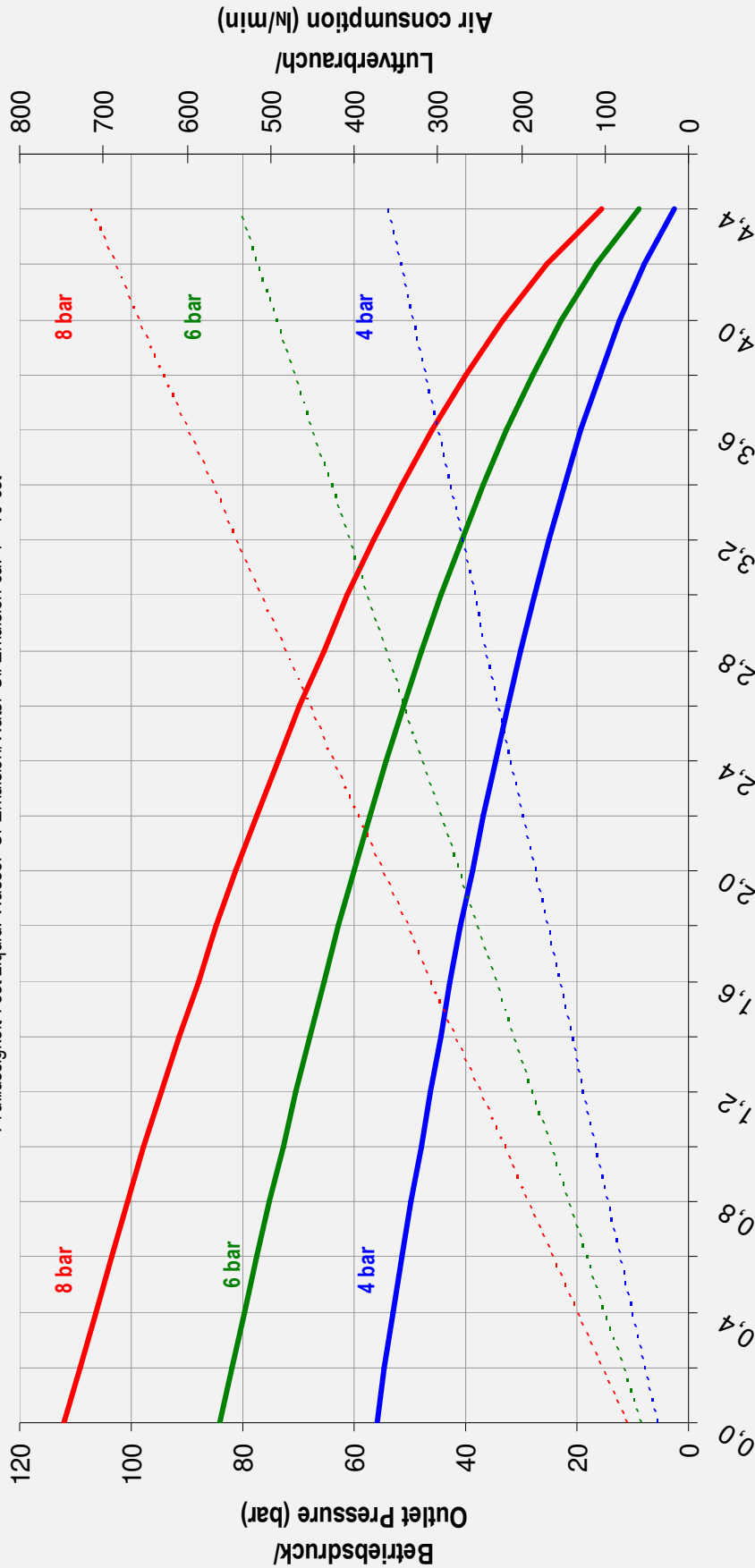
Air control units with filter pressure regulator, control pressure gauge and shut off valve: MO12 with C1

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: MO12 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)(SF) 12

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



Förderleistung/Flow (l/min)

- Betriebsdruck bei/Outlet Pressure at 4 bar
- Betriebsdruck bei/Outlet Pressure at 8 bar
- Betriebsdruck bei/Outlet Pressure at 6 bar
- - - Luftverbrauch bei/Air consumption at 4 bar
- - - Luftverbrauch bei/Air consumption at 8 bar
- - - Luftverbrauch bei/Air consumption at 6 bar