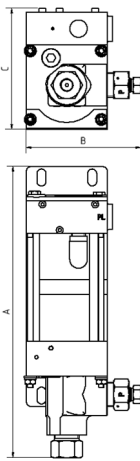




Technical Data Sheet

M189-2 (L)

» Oil and Water service



M189-2 (L)
single acting, double air drive head
(Standard= Bottom inlet)

Technical Data:

Air drive pressure:	1 - 10 bar / 14.5 - 145 psi
Calculated working pressure:	4000 bar / 58000 psi
Pressure ratio:	1:440
Displacement volume/double stroke:	0.6 cm ³ / 0.04 cu.inch

Connections:

Inlet:	Standard: Bottom Inlet 1/4" BSP
Outlet:	9/16-18UNF
Air drive:	3/8" BSP
Maximum operating temperature:	60°C
Net weight:	3.9 kg

Pressure and flow performances, please see enclosed graph.

Wetted materials of construction:

Seal package:	M189-2(L): Polyurethane
Pump Body:	1.4313
Piston:	Hard metal
Fittings:	1.4542

Approximate Dimensions:

A:	289 mm
B:	115 mm
C:	120 mm

Available Options:

Side inlet:	M189-2(L)S
Special inlet ports, i.e. NPT:	M189-2(L)-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: M189-2(L) with C1

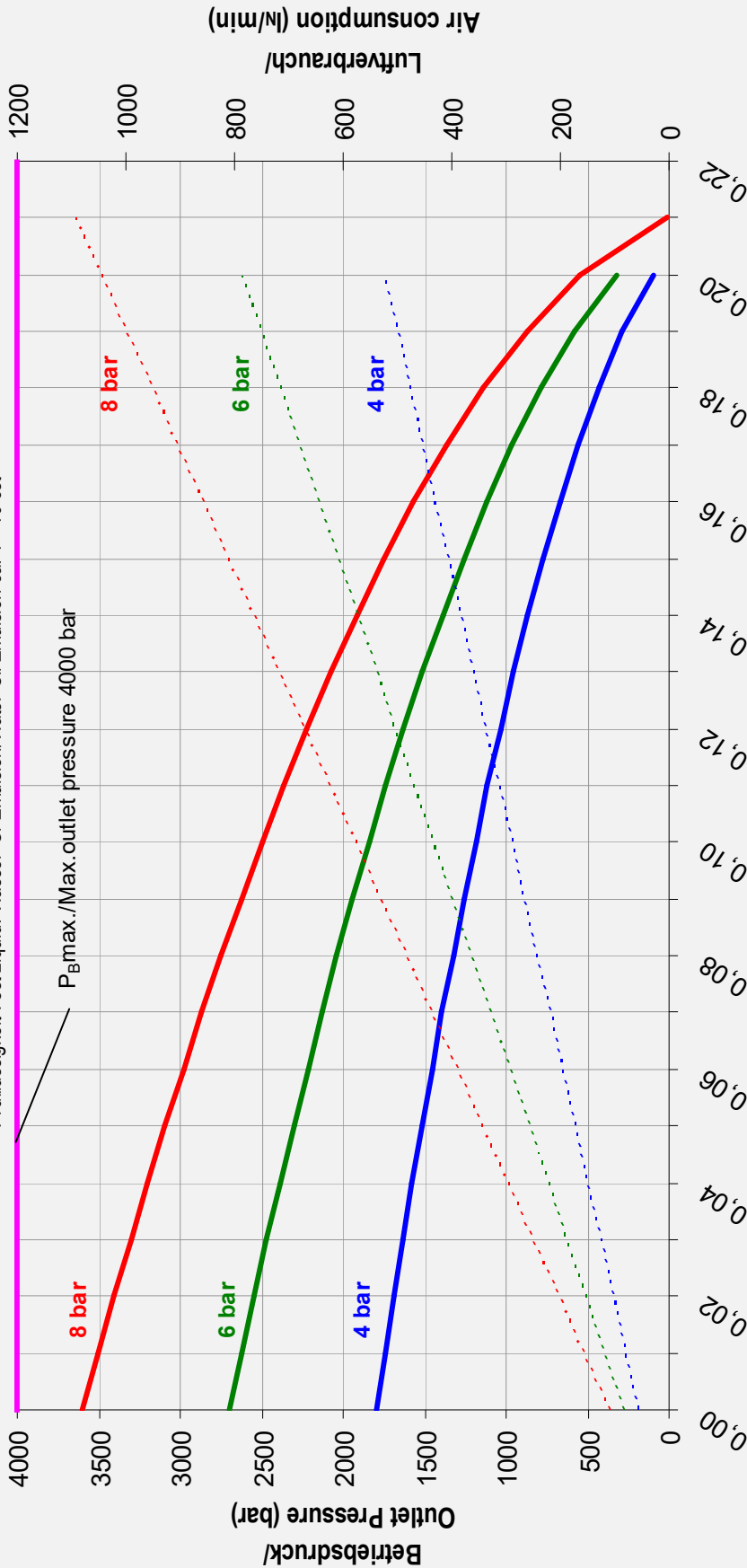
To protect the pump against excessive outlet pressures or to limit the outlet pressure, a safety valve M189-2(L) with C1/SV-air (The required outlet pressure has to be indicated.) can be fitted to the air control unit in the air drive line.

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 189 -2L

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



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