

ROB 8-37 Rebreather Oxygen Booster

Wetted materials of construction:

- Seal package: Filled Teflon (PTFE) Fluorcarbon (V)
- Pump Body: 1.4404
- Piston: 1.4112
- Fittings: 1.4571

Approximate Dimensions:

- Height: 200 mm
- Depth: 116 mm
- Width: 116 mm
- Side inlet: Standard
- Special inlet and outlet ports, i.e. NPT ROB 8-37-NPT
- Special seal material to handle special fluids on request.

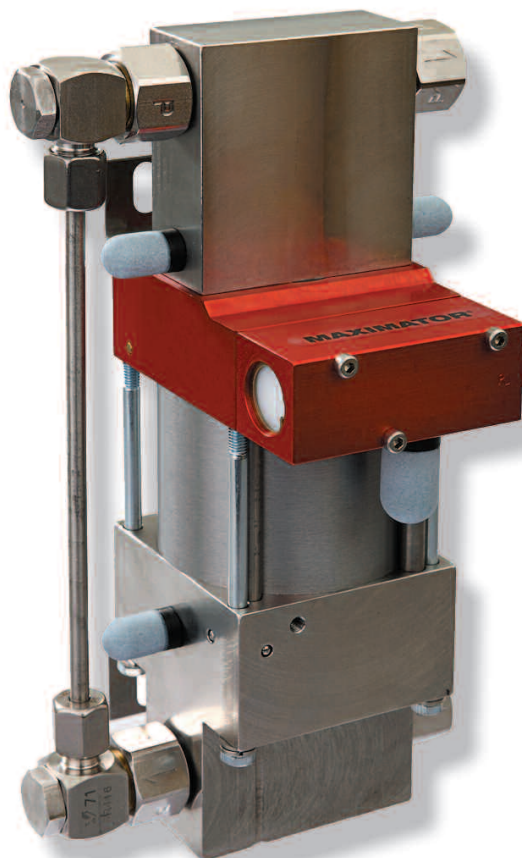
Available Accessories

- Air control units type C1 with filter pressure regulator, control pressure gauge and shut off valve: ROB 8-37 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: ROB 8-37 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.

Double acting, single air drive head and distance piece



Technical Data:

Air drive pressure:	1-10 bar / 14,5—145 psi
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Calculated OutletPressure at an air drive of 10 bar/145 psi	300 bar/ 4,350 psi
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Pressure ratio:	1:8 / 1:37
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Displacement volume/double stroke	21,6 cmfl/ 1,3 cu.inch
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Connections

Inlet (Standard):	Side inlet1/4 BSP
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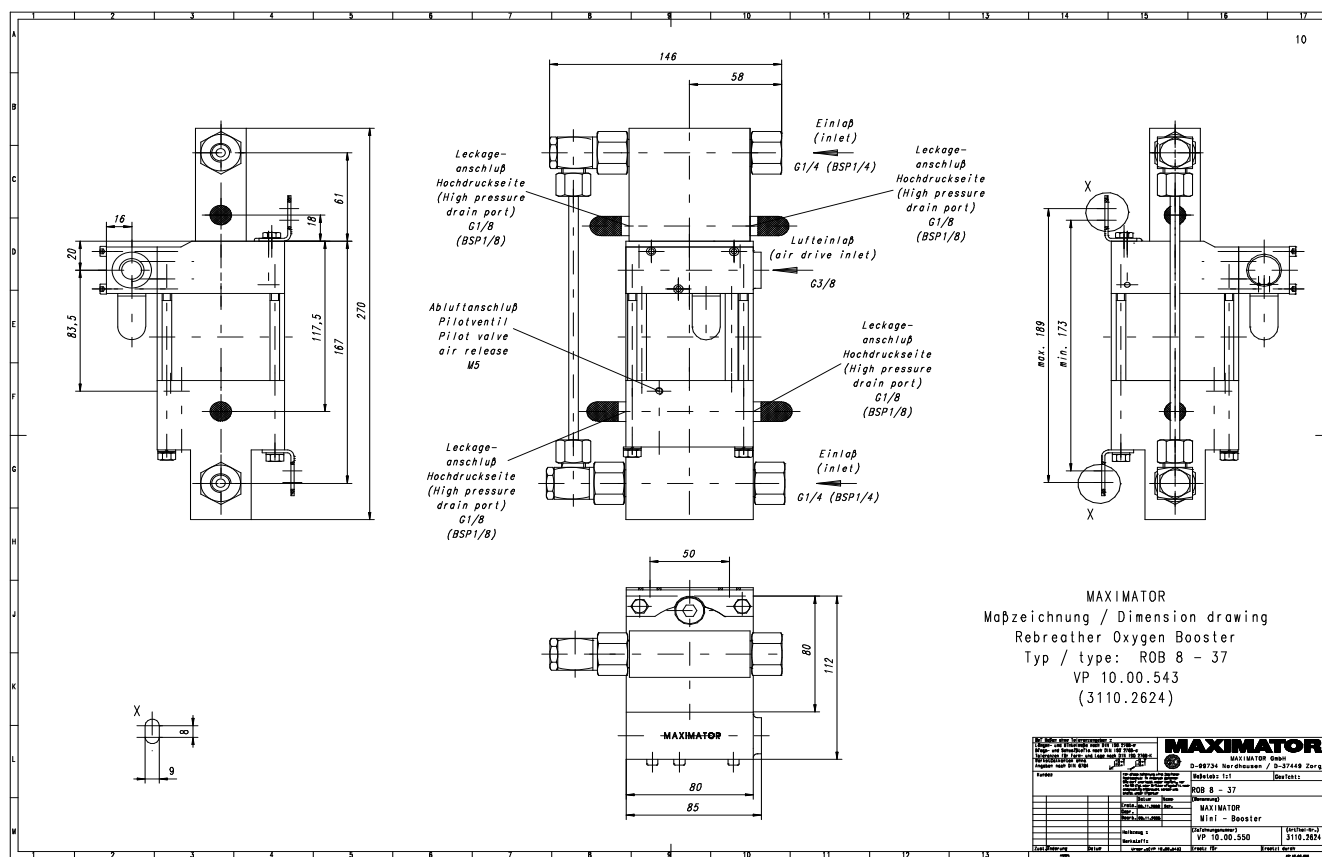
Outlet:	1/4 BSP
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Air drive	3/8 BSP
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Maximum operating tempreature	60°C
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Net weight	4 kg
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Pressure and flow performances, please see enclosed graph.



Performance Graph ROB 8-37
Test medium: Nitrogen

