

ROB 22(-HL) 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 22(-HL)-NPT
- Handlever: HL
- 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 22(-HL) 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 22(-HL) 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.

Single acting, single air drive head and distance piece



Technical Data:

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

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: 4.6 cmfl/ 0.28 cu.inch

Connections

Inlet (Standard): Side inlet 1/4 BSP

Outlet: 1/4 BSP

Air drive: 3/8-24UNF-2B (SAE)

Maximum operating temperature: 60°C

Net weight: 3.5 kg

Pressure and flow performances, please see enclosed graph.

