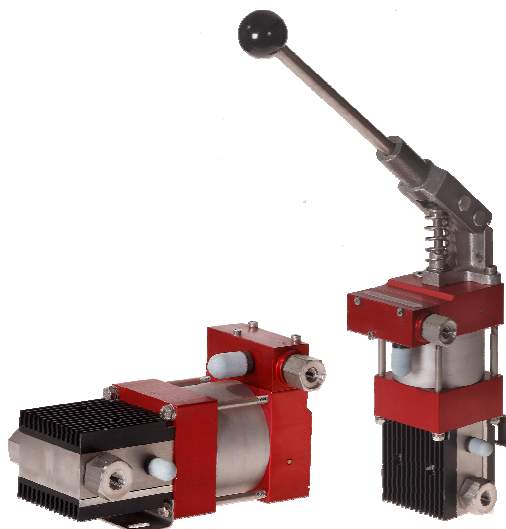


Technical Data Sheet	ROB 22 (-HL)	<u>R</u> ebreather <u>O</u> xygen <u>B</u> ooster
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Technical Data:

Air drive pressure:	1-10 bar / 14,5—145 psi
Max. Outlet Pressure	280 bar/ 4,060 psi
Pressure ratio:	1:28
Displacement volume/double stroke	4,6 cm ³ / 0.28 cu.inch
Connections	
Inlet:	Standard: Side inlet 1/4 BSP
Outlet:	1/4 BSP
Air drive	3/8 BSP
Maximum operating temperature	60 °C
Net weight	approx. 3,7 kg (4,7 kg)
Inlet Pressure	50-280 bar / 725-4,060 psi
Average Flow*	180 NL/min

ROB 22 (-HL)
Single acting, single air drive head and distance piece

Pressure and flow performances, please see enclosed graph.
* The flow is depending on air drive and inlet pressure

Wetted materials of construction:	
Seal package:	Filled Teflon (PTFE) Fluorcarbon (V)
High Pressure Body:	1.4404
Piston:	1.4112
Fittings:	1.4571
Approximate Dimensions:	
Height:	200 mm
Depth:	116 mm
Width:	116 mm
Side inlet	Standard
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 booster 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.

Filling time for a 3 Liter Bottle

Outlet Pressure \ Inlet Pressure	Outlet Pressure								
	60 bar	80 bar	100 bar	120 bar	140 bar	160 bar	180 bar	200 bar	
50 bar	10 sec.	45 sec.	80 sec.	135 sec.	205 sec.	325 sec.	670 sec.		
100 bar				10 sec.	25 sec.	45 sec.	70 sec.	105 sec.	
150 bar						5 sec.	10 sec.	25 sec.	

