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HIGH PRESSURE TECHNOLOGY • HYDRAULICS • PNEUMATICS • TESTING EQUIPMENT

Technical Data Sheet **ROB 32 D**

Rebreather Oxygen Booster

Technical Data:

Air drive pressure:	1-10 bar / 14,5—145 psi
Calculated Outlet Pressure at an air drive of 10 bar/145 psi	300 bar/ 4,350 psi
Pressure ratio:	1:32
Displacement volume/double stroke	11,6 cm ³ / 0.7 cu.inch
Connections	
Inlet:	Standard: Side inlet 1/4 BSP
Outlet:	1/4 BSP
Air drive	3/8 BSP
Maximum operating tempreature	60 <i>°</i> C
Net weight	approx. 5,4 kg
Inlet Pressure	50-300 bar / 725-4,350 psi
Average Flow*	280 NL/min

ROB 32 D

Double 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)			
	Pump Body:	1.4404			
	Piston:	1.4112			
	Fittings:	1.4571			
Approximate Dimensions:					
	Height:	286 mm			
	Depth:	121 mm			
	Width:	110 mm			
	Side inlet	Standard			
Available Accessories					
Air control units type C1 with filter pressure regulator, control pressure gauge and shut off valve:	ROB 32 D 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 32 D with C1/SV air (Th indicated.)	ne required outlet pressure has to be			

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.

	Release	11	/ 2009
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Page 1 of 2

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Walkenrieder Straße 15 • 37449 Zorge/Harz • Fon +49 (0) 5586 / 803-0 • Fax +49 (0) 5586 / 803-3040 eMail: info@maximator.de • www.maximator.de

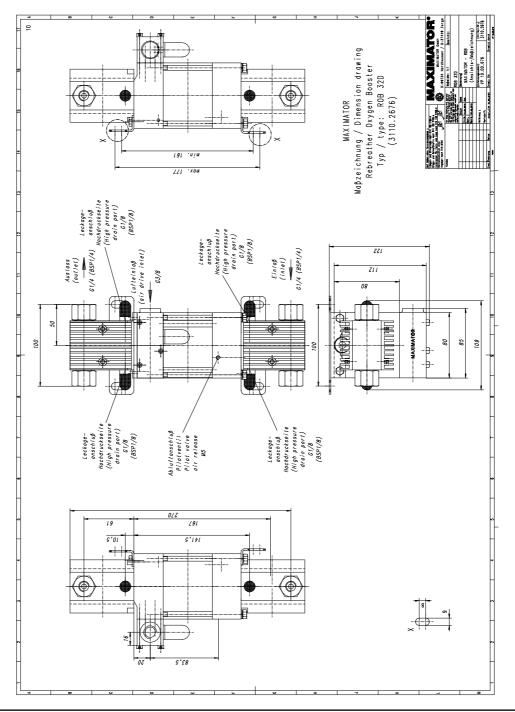
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Filling time for a 3 Liter Bottle

Outlet Pressure	75 bar	100 bar	125 bar	150 bar	175 bar	200 bar	225 bar	250 bar
50 bar	30 sec.	70 sec.	125 sec.	185 sec.	265 sec.	355 sec.	480 sec.	640 sec.
100 bar			15 sec.	30 sec.	50 sec.	70 sec.	95 sec.	120 sec.
150 bar					8 sec.	15 sec.	25 sec.	40 sec.



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Page 2 of 2

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Walkenrieder Straße 15 • 37449 Zorge/Harz • Fon +49 (0) 55 86 / 8 03-0 • Fax +49 (0) 55 86 / 80 3-3040 eMail: info@maximator.de • www.maximator.de