

# MAXIMATOR®

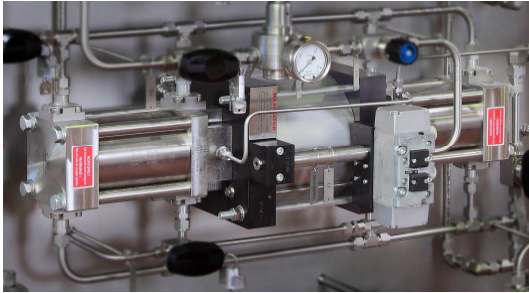
## Maximum Pressure.



High Pressure Technology • Testing Equipment  
Hydraulics • Pneumatics

### Technical Data Sheet

### Gas booster 8 DLE 1,65



8 DLE 1,65  
double acting, single air drive head  
single stage

Technical Data:	
Air drive pressure pL:	1-10 bar / 14,5 - 145psi
Pressure ratio i:	1:1,65
Compression ratio	1:10
Minimum suction pressure pA:	0 bar
Maximum suction pressure pA:	100 bar
Maximum outlet pressure pB:	100 bar
Displacement volume/double stroke:	4100 cm <sup>3</sup>
Maximum cycles:	80 / min
Stall pressure:	$PB = i * pL + pA$
Standard Connections:	
Air drive:	3/4" BSP
Inlet/Outlet:	1/2" BSP
Maximum operating temperature	100°C
Net weight:	110 kg

Pressure and flow performances, please see enclosed graph.

<b>Materials of construction hp section:</b>	Standard seal package:	PTFE, Viton
	Compressor head:	1.4305
	HP cylinder:	1.4404
	HP piston:	1.4305
	Fittings:	1.4305
	Balls:	1.4034
<b>Approximate Dimensions:</b>	Springs:	Inconel X750
	Length:	810 mm
	Width:	480 mm
<b>Available Accessories:</b>	Height:	345 mm
	Air control units with filter pressure regulator, control pressure gauge and shut off valve:	8 DLE 1,65 with C2
	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:	8 DLE 1,65 with C2/SVair (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.



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