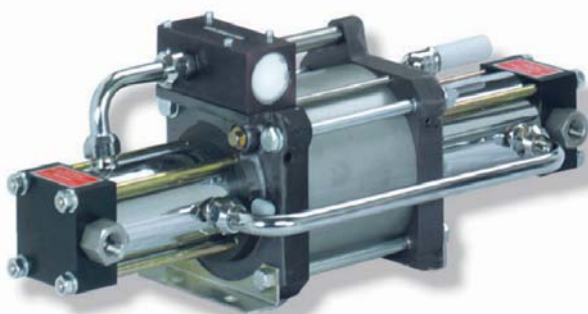


Technical Data Sheet	<b>Gas booster</b>	<b>DLE 2-5</b> single acting, single stage, single air drive head
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**Available DLE series**

- Single acting, single stage, single air drive head
- Double acting, single stage, single air drive head
- Double acting, single stage, double air drive head
- Single acting, two stages, single air drive head
- Single acting, two stages, double air drive head



**Technical Data:**

Air drive pressure pL	1-10 bar / 14.5—145 psi
Pressure ratio i	1:2 / 1:5
Compression ratio	1:25
Stage pressure ratio	1:2.5
Minimum suction pressure pA	0
Maximum suction pressure pA	0.8* air drive pressure
Maximum outlet pressure pB	100 bar
Displacement volume/double stroke	922 cm³
Maximum cycles	100 / min
Stall pressure	PB = 5*pL+5/2*pA

**Standard connections**

Air drive	3/4 BSP
DLE 2-5 (-GG)	Inlet/Outlet: 1/2BSP
Maximum operating temperature	60°C
Net weight	20 kg

Pressure and flow performances, please see enclosed graph.

<b>Materials of construction hp section DLE 2-5:</b>	Standard seal package	PTFE, Viton
	Compressor head	Aluminium galvanized
	HP cylinder	Hard coated aluminium
	HP piston	Aluminium
	Fittings	1.4305
	Balls	1.4034
	Springs	X12CrNi177
<b>Approximate Dimensions:</b>	Length	600 mm
	Width	181 mm
	Height	233 mm
<b>Available Options:</b>	Inert gas service (standard)	DLE 2-5 (-GG) (materials of construction as above indicated)
	Oxygen service	DLE 2-5-GG- <u>S</u> (Hp parts of stainless steel and oxygen cleaned)
	CO <sub>2</sub> service	DLE 2-5-GG- <u>C</u> Seal package: PTFE, NBR
	Other inlet and outlet ports	Order codes
Special seal material to handle special gases on request.	Inlet: 1/2NPT Outlet: 3/8NPT	DLE 2-5- <u>NN</u>
<b>Available Accessories</b>		
Air control units for DLE series with filter pressure regulator, control pressure gauge and shut off valve	DLE 2-5 with <b>C2</b>	
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:	DLE 2-5 with <b>C2/SVair</b> (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

MAXIMATOR

Maßzeichnung / Dimension drawing

Typ / type: DLE 2 - 5

