

Technical Data Sheet	<b>Gas booster</b>	<b>DLE 5-1-2</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	1:10
Compression ratio	1:15
Minimum suction pressure pA	4
Maximum suction pressure pA	100 bar
Maximum outlet pressure pB	100 bar
Displacement volume/double stroke	373 cm <sup>3</sup>
Maximum cycles	110 / min
Stall pressure	PB = i * pL

**Standard connections**

Air drive	3/4 BSP
DLE 5-1-2 (-GG)	Inlet/Outlet: 1/2BSP
Maximum operating temperature	60°C
Net weight	22 kg

Pressure and flow performances, please see enclosed graph.

<b>Materials of construction hp section DLE 5-1-2:</b>	Standard seal package	PTFE, Viton
	Compressor head	Aluminium Anodized
	HP cylinder	Hard coated aluminium
	HP piston	Aluminium
	Fittings	1.4305
	Balls	1.4034
	Springs	X12CRNi177
<b>Approximate Dimensions:</b>	Length	442 mm
	Width	181 mm
	Height	275 mm
<b>Available Options:</b>	Inert gas service (standard)	DLE 5-1-2 (-GG) (materials of construction as above indicated)
	Oxygen service	DLE 5-1-2-GG- <b>S</b> Materials of construction in contact with oxygen of stainless steel and especially oxygen cleaned
	CO <sub>2</sub> service	DLE 5-1-2-GG- <b>C</b> Seal package: PTFE, NBR
	Other inlet and outlet ports	Order codes
	Inlet: 3/8NPT Outlet: 3/8NPT	DLE 5-1-2- <b>NN</b>
Special seal material to handle special gases on request.		
<b>Available Accessories</b>		
Air control units for DLE series with filter pressure regulator, control pressure gauge and shut off valve	DLE 5-1-2 <b>with 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 5-1-2 <b>with C2/SVair</b> (The required outlet pressure has to be indicated.)	

**Please consult factory for more information.**

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