

Technical Data Sheet	<b>Gas booster</b>	<b>DLE 5-30-2</b> single acting, two stages, double 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 / 1:60
Compression ratio	1:90
Stage pressure ratio	1:6
Minimum suction pressure pA	2 bar
Maximum suction pressure pA	1* air drive pressure
Maximum outlet pressure pB	600 bar
Displacement volume/double stroke	373 cm³
Maximum cycles	100 / min
Stall pressure	PB = 60*pL+ 60/10*pA

**Standard connections**

Air drive	3/4 BSP
DLE 5-30-2 (-GG)	Inlet: 1/2BSP Outlet: 1/4 BSP
Maximum operating temperature	100°C
Net weight	24 kg

Pressure and flow performances, please see enclosed graph.

<b>Materials of construction hp section DLE 5-30-2:</b>	Standard seal package	PTFE, Viton
	Compressor head	1.4305
	HP cylinder	1.4057
	HP piston	1.4304
	Fittings	1.4305
	Balls	1.4034
	Springs	X12CrNi177
<b>Approximate Dimensions:</b>	Length	788 mm
	Width	181 mm
	Height	233 mm
<b>Available Options:</b>	Inert gas service (standard)	DLE 5-30-2 (-GG) (materials of construction as above indicated)
	Oxygen service	DLE 5-30-2-GG- <b>S</b> ( parts oxygen cleaned)
	CO <sub>2</sub> service	DLE 5-30-2-GG- <b>C</b> Seal package: PTFE, NBR
	Other inlet and outlet ports	Order codes
	Inlet: 1/2 BSP Outlet: 9/16-18 UNF	DLE 5-30-2- <b>GU</b>
Special seal material to handle special gases on request.	Inlet: 3/8NPT Outlet: 1/4NPT	DLE 5-30-2- <b>NN</b>
	<b>Available Accessories</b>	
	Air control units for DLE series with filter pressure regulator, control pressure gauge and shut off valve	DLE 5-30-2 <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 5-30-2 <b>with C2/SVair</b> (The required outlet pressure has to be indicated.)	

**Please consult factory for more information.**

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