

Technical Data Sheet	<b>Gas booster</b>	<b>DLE 5-15</b> single acting, two stages, 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	1:5 / 1:15
Compression ratio	1:45
Stage pressure ratio	1:3
Minimum suction pressure pA	2 bar
Maximum suction pressure pA	1.6* air drive pressure
Maximum outlet pressure pB	300 bar
Displacement volume/double stroke	373 cm <sup>3</sup>
Maximum cycles	110 / min
Stall pressure	PB = 15*pL+ 15/5*pA

### Standard connections

Air drive	3/4 BSP
DLE 5-15 (-GG)	Inlet: 1/2BSP Outlet: 1/4 BSP
Maximum operating temperature	100°C
Net weight	19 kg

Pressure and flow performances, please see enclosed graph.

<b>Materials of construction hp section DLE 5-15:</b>	Standard seal package	PTFE, Viton
	Compressor head	1.4305
	HP cylinder	1.4057
	HP piston	1.4304
	Fittings	1.4305
	Balls	1.4034
<b>Approximate Dimensions:</b>	Springs	X12CrNi177
	Length	612 mm
	Width	181 mm
<b>Available Options:</b>	Height	233 mm
	Inert gas service (standard)	DLE 5-15 (-GG) (materials of construction as above indicated)
	Oxygen service	DLE 5-15-GG- <u>S</u> ( parts oxygen cleaned)
Special seal material to handle special gases on request.	CO <sub>2</sub> service	DLE 5-15-GG- <u>C</u> Seal package: PTFE, NBR
	Other inlet and outlet ports	Order codes
	Inlet: 1/2 BSP Outlet: 9/16-18 UNF	DLE 5-15- <u>GU</u>
	Inlet: 3/8NPT Outlet: 1/4NPT	DLE 5-15- <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 5-15 <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 5-15 <b>with C2/SVair</b> (The required outlet pressure has to be indicated.)	

### Please consult factory for more information.

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