

Technical Data Sheet	<b>Gas booster</b>	<b>DLE 30-1</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:	1:30
Compression ratio	1:20
Minimum suction pressure pA:	15
Maximum suction pressure pA:	300 bar
Maximum outlet pressure pB:	300 bar
Displacement volume/double stroke	60 cm <sup>3</sup>
Maximum cycles	130 / min
Stall pressure	PB = i * pL

### Standard connections

Air drive	3/4 BSP
DLE 30-1 (-GG)	Inlet/Outlet: 1/4BSP
Maximum operating temperature	100°C
Net weight	13 kg

Pressure and flow performances, please see enclosed graph.

<b>Materials of construction hp section DLE 30-1:</b>	Standard seal package	PTFE, Viton
	Compressor head	1.4305
	HP cylinder	1.4057
	HP piston	1.4305
	Fittings	1.4305
	Balls	1.4034
<b>Approximate Dimensions:</b>	Length	448 mm
	Width	181 mm
	Height	275 mm
<b>Available Options:</b>	Inert gas service (standard)	DLE 30-1 (-GG) (materials of construction as above indicated)
	Oxygen service	DLE 30-1-GG- <b>S</b> parts especially oxygen cleaned
	CO <sub>2</sub> service	DLE 30-1-GG- <b>C</b> Seal package: PTFE, NBR
	Other inlet and outlet ports	Order codes
	Inlet: 9/16-18UNF Outlet: 9/16-18UNF	DLE 30-1- <b>UU</b>
Special seal material to handle special gases on request.	Inlet: 1/4NPT Outlet: 1/4NPT	DLE 30-1- <b>NN</b>
<b>Available Accessories</b>		
Air control units for DLE series with filter pressure regulator, control pressure gauge and shut off valv:	DLE 30-1 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 30-1 with <b>C2/Svair</b> (The re-	

### Please consult factory for more information.

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