

Technical Data Sheet	Gas booster	DLE 2 Double 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
Compression ratio	1:10
Minimum suction pressure pA	0
Maximum suction pressure pA	40 bar
Maximum outlet pressure pB	40 bar
Displacement volume/double stroke	1,844 cm ³
Maximum cycles	90 / min
Stall pressure	PB = i * pL + pA

Standard connections

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

Pressure and flow performances, please see enclosed

Materials of construction hp section DLE 2:	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
Approximate Dimensions:	Length	598 mm
	Width	181 mm
	Height	273 mm
Available Options:	Inert gas service (standard)	DLE 2 (-GG) (materials of construction as above indicated)
	Oxygen service	DLE 2-GG- S Materials of construction in contact with oxygen of stainless steel)
	CO ₂ service	DLE 2-GG- C Seal package: PTFE, NBR
	Other inlet and outlet ports	Order codes
Special seal material to handle special gases on request.	Inlet: 1/2NPT Outlet: 1/2NPT	DLE 2- NN
Available Accessories		
Air control units for DLE series with filter pressure regulator, control pressure gauge and shut off valve	DLE 2 with C2	
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 with C2/SVair (The required outlet pressure has to be indicated.)	

Please consult factory for more information.

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