

Technical Data Sheet	Gas booster	DLE 30-1-2 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:	1:60
Compression ratio	1:20
Minimum suction pressure pA:	20
Maximum suction pressure pA:	600 bar
Maximum outlet pressure pB:	600 bar
Displacement volume/double stroke	60 cm ³
Maximum cycles	120 / min
Stall pressure	PB = i * pL

Standard connections

Air drive	3/4 BSP
DLE 30-1-2 (-GG)	Inlet/Outlet: 1/4BSP
Maximum operating temperature	100°C
Net weight	20 kg

Pressure and flow performances, please see enclosed graph.

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

Please consult factory for more information.

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