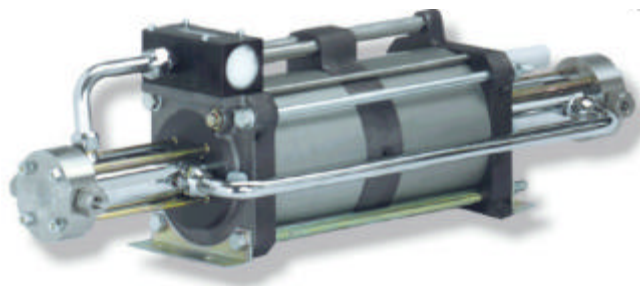


Technical Data Sheet	Gas booster	DLE 30-75-2 single acting, two stages, double air drive head
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Available DLE series

- 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	1:60 / 1:150
Compression ratio	1:50
Stage pressure ratio	1:2.5
Minimum suction pressure pA	15 bar
Maximum suction pressure pA	40* air drive pressure pL
Maximum outlet pressure pB	1,500 bar
Displacement volume/double stroke	60 cm ³
Maximum cycles	100 / min
Stall pressure	PB = 150*pL+ 150/60*pA

Standard connections

Air drive	3/4 BSP
DLE 30-75-2 (-GG)	Inlet/Outlet: 1/4BSP
Maximum operating temperature	100°C
Net weight	24 kg

Pressure and flow performances, please see enclosed graph.

Materials of construction hp section DLE 30-75-2:	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
Approximate Dimensions:	Length	788mm
	Width	181mm
	Height	233mm
Available Options:	Inert gas service (standard)	DLE 30-75-2 (-GG) (materials of construction as above indicated)
	Oxygen service	DLE 30-75-2-GG- S (parts oxygen cleaned)
Special seal material to handle special gases on request.	CO ₂ service	DLE 30-75-2-GG- C Seal package: PTFE, NBR
	Other inlet and outlet ports	Order codes
	Inlet: 9/16-18 UNF Outlet: 9/16-18 UNF	DLE 30-75-2- UU
	Inlet: 1/4NPT Outlet: 1/4NPT	DLE 30-75-2- NN
Available Accessories	Air control units for DLE series with filter pressure regulator, control pressure gauge and shut off valve	DLE 30-75-2 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 30-75-2 with C2/SVair (The required outlet pressure has to be indicated.)

Please consult factory for more information.

All technical and dimensional information subject to change. All General Terms and Conditions of sale, including limitations of our liability, apply to all products and services sold

