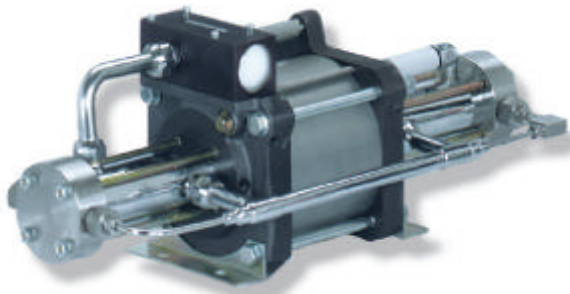


| | | |
|----------------------|--------------------|--|
| Technical Data Sheet | Gas booster | DLE 30-75 single acting, two stages, single air drive head |
|----------------------|--------------------|--|

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 / 1:75 |
| Compression ratio | 1:50 |
| Stage pressure ratio | 1:2.5 |
| Minimum suction pressure pA | 15 bar |
| Maximum suction pressure pA | 20* air drive pressure |
| Maximum outlet pressure pB | 1,500 bar |
| Displacement volume/double stroke | 60 cm³ |
| Maximum cycles | 120 / min |
| Stall pressure | PB = 75*pL+ 75/30*pA |

Standard connections

| | |
|-------------------------------|----------------------|
| Air drive | 3/4 BSP |
| DLE 30-75 (-GG) | Inlet/Outlet: 1/4BSP |
| Maximum operating temperature | 100°C |
| Net weight | 19 kg |

Pressure and flow performances, please see enclosed graph.

| | | |
|--|--|--|
| Materials of construction hp section DLE 30-75: | 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 | 620mm |
| | Width | 181mm |
| | Height | 233mm |
| Available Options: | Inert gas service (standard) | DLE 30-75 (-GG) (materials of construction as above indicated) |
| | Oxygen service | DLE 30-75-GG- S (parts oxygen cleaned) |
| Special seal material to handle special gases on request. | CO ₂ service | DLE 30-75-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- UU |
| | Inlet: 1/4NPT Outlet: 1/4NPT | DLE 30-75- NN |
| | | |
| Available Accessories | | |
| Air control units for DLE series with filter pressure regulator, control pressure gauge and shut off valve | DLE 30-75 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 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

