## Technical Data Sheet

### Gas booster DLE 2-1-2

#### Technical Data:
- **Air drive pressure** $p_L$: 1-10 bar / 14.5 - 145psi
- **Pressure ratio** $i$: 1.4
- **Compression ratio**: 1:10
- **Minimum suction pressure** $p_A$: 0
- **Maximum suction pressure** $p_A$: 40 bar
- **Maximum outlet pressure** $p_B$: 40 bar
- **Displacement volume/double stroke**: 922 cm³
- **Maximum cycles**: 100 / min
- **Stall pressure**: $p_B = i \cdot p_L$

#### Standard Connections:
- **Air drive**: 3/4 BSP
- **DLE 2-1-2 (-GG)**: Inlet/Outlet: 1/2 BSP
- **Maximum operating tempreature**: 60°C
- **Net weight**: 22 kg

#### Materials of construction hp section DLE 2-1-2:
- **Standard seal package**: PTFE, Viton
- **Compressor head**: Aluminium anodised
- **HP cylinder**: 1.4404
- **HP piston**: 1.4305
- **Fittings**: 1.4305
- **Balls**: 1.4034
- **Springs**: 1.4310

#### Approximate Dimensions:
- **Length**: 436 mm
- **Width**: 181 mm
- **Height**: 275 mm

#### Available Options:
- **Inert gas service (standard)**: DLE 2-1-2 (-GG)
- **Oxygen service**: DLE 2-1-2-GG-S
- **CO₂ service**: DLE 2-1-2-GG-C
- **In-/Outlet**: 1/4NPT

#### Available Accessories:
- **Air control units with filter pressure regulator, control pressure gauge and shut off valve**: DLE 2-1-2 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 2-1-2 with C2/SVair

(Required outlet pressure has to be indicated.)

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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.
MAXIMATOR

Maßzeichnung / Dimension drawing

Typ / type: DLE 2-1-2