Gas booster DLE 75

Technical Data:

- Air drive pressure $p_L$: 1-10 bar / 14.5 - 145psi
- Pressure ratio $i$: 1.75
- Compression ratio: 1:20
- Minimum suction pressure $p_A$: 35
- Maximum suction pressure $p_A$: 1,500 bar
- Maximum outlet pressure $p_B$: 1,500 bar
- Displacement volume/double stroke: 50 cm³
- Maximum cycles: 130 / min
- Standard pressure: $P_B = i \cdot p_L + p_A$

Standard Connections:

- Air drive: 3/4 BSP
- DLE 75 (-GG) Inlet/Outlet: 1/4BSP
- Maximum operating temperature: 100°C
- Net weight: 18 kg

Materials of construction hp section DLE 75:

- Standard seal package: PTFE, Viton
- Compressor head: 1.4305
- HP cylinder: 1.4542
- HP piston: 1.4305
- Fittings: 1.4305
- Balls: 1.4034
- Springs: 1.4310

Approximate Dimensions:

- Length: 620 mm
- Width: 181 mm
- Height: 233 mm

Available Options:

- Inert gas service (standard) DLE 75 (-GG)
- Oxygen service: DLE 75-GG-S
- CO₂ service: DLE 75-GG-C
- In-/Outlet: 9/16-18UNF DLE 75-UU
- In-/Outlet: 1/4NPT DLE 75-NN

Available Accessories:

- Air control units with filter pressure regulator, control pressure gauge and shut off valve: DLE 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 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.
MAXIMATOR
Maßzeichnung / Dimension drawing
Typ / type: DLE 15, DLE 30, DLE 75

Dimensions:
- PL: 181 mm
- 220 mm
- 60 mm
- 80 mm
- 15 mm
- 115 mm
- 560 mm
- 230 mm

Connections:
- Air drive inlet: G1/4 (3/4 BSP)
- Gas inlet: G1/4 (1/4 BSP) >Ø16–18UNF
- Gas outlet: G1/4 (1/4 BSP) >Ø16–18UNF
- Control connection: G1/8 (1/8 BSP)

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