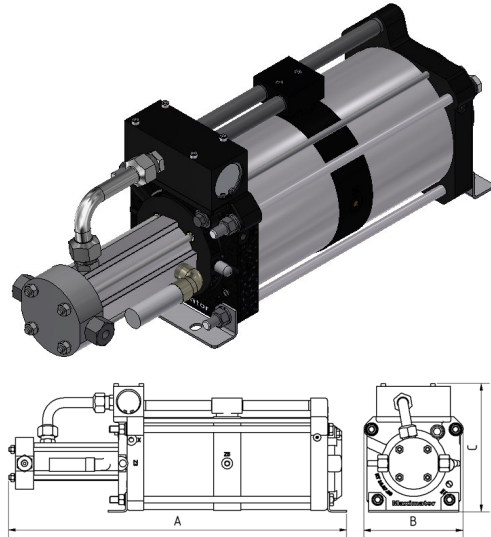


## Technical Data Sheet



DLE 75-1-2  
single acting, double air drive head  
single stage

## Gas booster DLE 75-1-2

### Technical Data:

|                                    |                             |
|------------------------------------|-----------------------------|
| Air drive pressure pL:             | 1 - 10 bar / 14.5 - 145 psi |
| Pressure ratio i:                  | 1:150                       |
| Compression ratio:                 | 1:20                        |
| Minimum suction pressure pA:       | 50                          |
| Maximum suction pressure pA:       | 1500 bar                    |
| Maximum outlet pressure pB:        | 1500 bar                    |
| Displacement volume/double stroke: | 25 cm <sup>3</sup>          |
| Maximum cycles:                    | 120 / min                   |
| Stall pressure:                    | pB = i * pL                 |

### Standard Connections:

|                                |                          |
|--------------------------------|--------------------------|
| Air drive:                     | 3/4" BSP                 |
| DLE 75-1-2 (-GG):              | Inlet / Outlet: 1/4" BSP |
| Maximum operating temperature: | 100°C                    |
| Net weight:                    | 21.4 kg                  |

Pressure and flow performances, please see enclosed graph.

### Materials of construction hp section DLE 75-1-2:

|                        |           |
|------------------------|-----------|
| Standard seal package: | PTFE, FKM |
| Compressor head:       | 1.4542    |
| HP cylinder:           | 1.4542    |
| HP piston:             | 1.4305    |
| Fittings:              | 1.4404    |
| Balls:                 | 1.4034    |
| Springs:               | 1.4310    |

### Approximate Dimensions:

|    |        |
|----|--------|
| A: | 619 mm |
| B: | 181 mm |
| C: | 233 mm |

### Available Options:

|                               |                  |
|-------------------------------|------------------|
| Inert gas service (standard): | DLE 75-1-2 (-GG) |
| Oxygen service:               | DLE 75-1-2-GG-S  |
| CO <sub>2</sub> service:      | DLE 75-1-2-GG-C  |
| In-/Outlet: 9/16-18 UNF       | DLE 75-1-2-UU    |
| In-/Outlet: 1/4" NPT          | DLE 75-1-2-NN    |

### Available Accessories:

|                                                                                                                                                                        |                                                                                    |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
| Air control units with filter pressure regulator, control pressure gauge and shut off valve:                                                                           | DLE 75-1-2 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 75-1-2 with C2 / SV-air<br>(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.

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