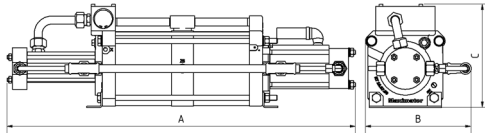
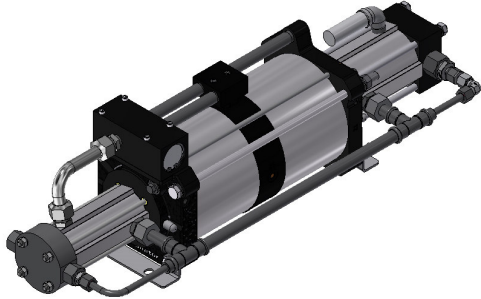




### Technical Data Sheet

### Gas booster DLE 5-30-2



DLE 5-30-2  
single acting, double air drive head  
two stages

#### Technical Data:

Air drive pressure pL:	1 - 10 bar / 14.5 - 145 psi
Pressure ratio i:	1:10 / 1:60
Compression ratio :	1:90
Stage pressure ratio:	1:6
Minimum suction pressure pA:	2 bar
Maximum suction pressure pA:	1* air drive pressure pL
Maximum outlet pressure pB:	600 bar
Displacement volume/double stroke:	373 cm <sup>3</sup>
Maximum cycles:	100 / min
Stall pressure:	pB = 60* pL + 60/10*pA

#### Standard Connections:

Air drive:	3/4" BSP
DLE 5-30-2 (-GG):	Inlet / Outlet: 1/2" BSP / 1/4" BSP
Maximum operating temperature:	100°C
Net weight:	27.2 kg

Pressure and flow performances, please see enclosed graph.

#### Materials of construction hp section DLE 5-30-2:

Standard seal package:	PTFE, FKM
Compressor head:	DLE5: 3.1645 DLE30: 1.4404
HP cylinder:	DLE5: 1.4404 DLE30: 1.4542
HP piston:	1.4305
Fittings:	1.4404
Balls:	1.4034
Springs:	1.4310

#### Approximate Dimensions:

A:	791 mm
B:	240 mm
C:	233 mm

#### Available Options:

Inert gas service (standard):	DLE 5-30-2 (-GG)
Oxygen service:	DLE 5-30-2-GG-S
CO <sub>2</sub> service:	DLE 5-30-2-GG-C
In-/Outlet: 1/2" BSP / 4H	DLE 5-30-2-GU
In-/Outlet: 3/8" NPT / 1/4" NPT	DLE 5-30-2-NN

#### Available Accessories:

Air control units with filter pressure regulator, control pressure gauge and shut off valve:	DLE 15-30-2 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 15-30-2 with C2 / SV-air (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.

