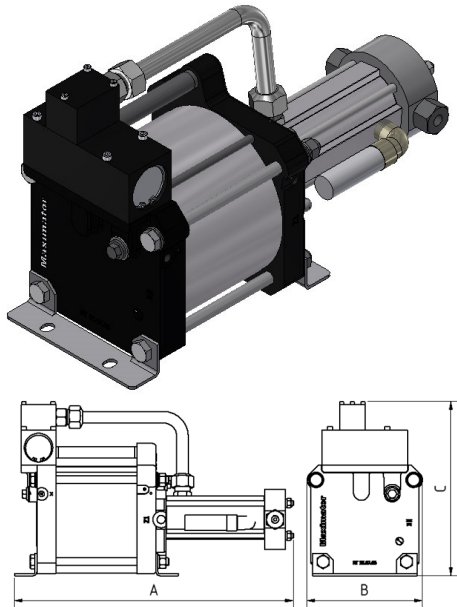


MAXIMATOR®

maximum pressure

Technical Data Sheet



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

Gas booster DLE 75-1

Technical Data:

Air drive pressure pL:	1 - 10 bar / 14.5 - 145 psi
Pressure ratio i:	1:75
Compression ratio:	1:20
Minimum suction pressure pA:	35
Maximum suction pressure pA:	750 bar
Maximum outlet pressure pB:	750 bar
Displacement volume/double stroke:	25 cm³
Maximum cycles:	130 / min
Stall pressure:	$pB = i \cdot pL$

Standard Connections:

Air drive:	3/4" BSP
DLE 75-1 (-GG):	Inlet / Outlet: 1/4" BSP
Maximum operating temperature:	100°C
Net weight:	13 kg

Pressure and flow performances, please see enclosed graph.

Materials of construction hp section DLE 75-1:

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:	441 mm
B:	181 mm
C:	272 mm

Available Options:

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

Available Accessories:

Air control units with filter pressure regulator, control pressure gauge and shut off valve:	DLE 75-1 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 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.

