

Technical Data Sheet	Gas booster	DLE 75-1-2 single acting, single stage, single air drive head
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Available DLE series

- Single acting, single stage, single air drive head
- Double acting, single stage, single air drive head
- Double acting, single stage, double air drive head
- Single acting, two stages, single air drive head
- Single acting, two stages, double air drive head



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:	45
Maximum suction pressure pA:	1,500 bar
Maximum outlet pressure pB:	1,500 bar
Displacement volume/double stroke	25 cm ³
Maximum cycles	120 / min
Stall pressure	PB = i * pL

Standard connections

Air drive	3/4 BSP
DLE 75-1 (-GG)	Inlet/Outlet: 1/4BSP
Maximum Operating Temperature	100°C
Net Weight	20 kg

Pressure and flow performances, please see enclosed graph.

Materials of construction hp section DLE 75-1-2:	Standard seal package	PTFE, Viton
	Compressor head	1.4305
	HP cylinder	1.4057
	HP piston	1.4305
	Fittings	1.4305
	Balls	1.4034
	Springs	X12CrNi177
Approximate Dimensions:	Length	
	Width	
	Height	
Available Options:	Inert gas service (standard)	DLE 75-1-2(-GG) (materials of construction as above indicated)
	Oxygen service	DLE 75-1-2-GG- S parts especially oxygen cleaned
	CO ₂ service	DLE 75-1-2-GG- C Seal package: PTFE, NBR
	Other inlet and outlet ports	Order codes
	Inlet: 9/16-18UNF Outlet: 9/16-18UNF	DLE 75-1-2- UU
	Inlet: 1/4NPT Outlet: 1/4NPT	DLE 75-1-2- NN
Special seal material to handle special gases on request.		
Available Accessories		
Air control units for DLE series 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/SVair (The required outlet pressure has to be indi-	

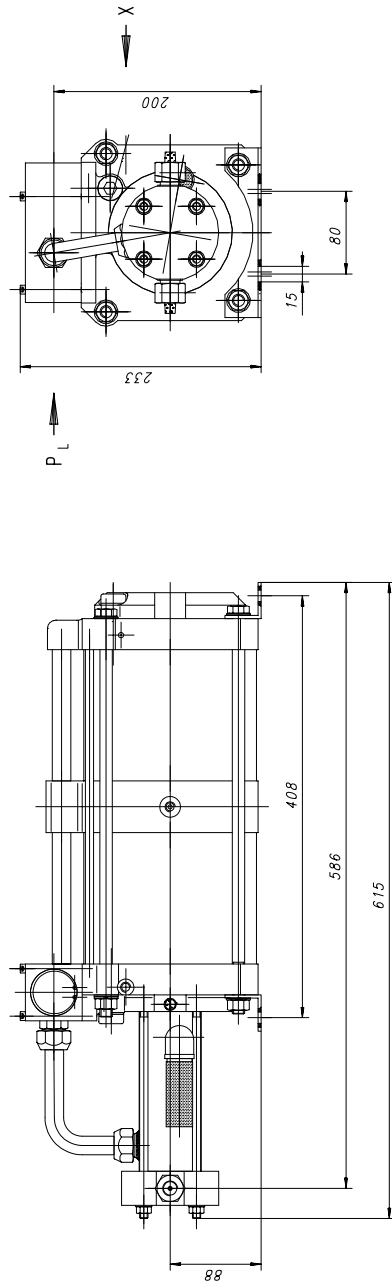
Please consult factory for more information.

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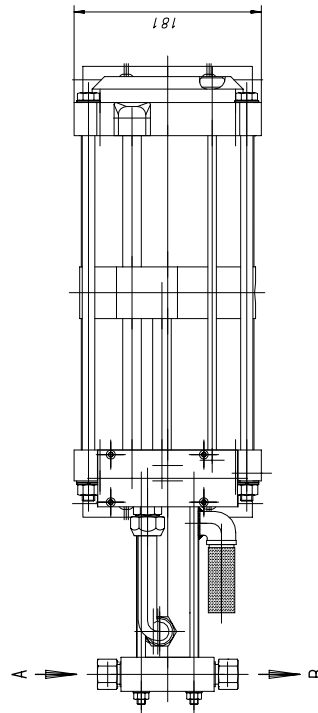
MAXIMATOR

Maßzeichnung / Dimension drawing

Typ / type: DLE 15 - 1 - 2, DLE 30 - 1 - 2, DLE 75 - 1 - 2



Antriebslufteinlaß...P_L = G3/4 (3/4BSP)
 (air drive inlet)
 Gasseinlaß.....A = G1/4 (1/4BSP) >9/16-18UNF<
 (gas inlet)
 Gasauslaß.....B = G1/4 (1/4BSP) >9/16-18UNF<
 (gas outlet)
 Steuerluftanschluß....X = G1/8 (1/8BSP)
 (external pilot con.)



MAXIMATOR	
MAXIMATOR GMBH WALKENRIEDER STRASSE 15 D-37449 ZORGE TELEFON: +49(0)5586 803-0 FAX: +49(0)5586 803-40 E-MAIL: info@maximator.de	DLE 15 (30, 75) - 1 - 2 MAXIMATOR - DLE einstellbar / zweistufig VP 16.00.28 (3210)

gez. Typ: DLE 15 - 1 - 2

