

MAXIMATOR®

Maximum Pressure.



High Pressure Technology • Testing Equipment
Hydraulics • Pneumatics

Technical Data Sheet

Gas booster DLE 5-15



DLE 5-15
single acting, single air drive head
two stages

Technical Data:

Air drive pressure pL:	1-10 bar / 14,5 - 145psi
Pressure ratio i:	1:5/1:15
Compression ratio	1:45
Stage pressure ratio:	1:3
Minimum suction pressure pA:	2 bar
Maximum suction pressure pA:	1.6* air drive pressure pL
Maximum outlet pressure pB:	300 bar
Displacement volume/double stroke:	373 cm ³
Maximum cycles:	110 / min
Stall pressure:	PB = 15* pL + 15/5*pA

Standard Connections:

Air drive:	3/4 BSP
DLE 5-15 (-GG)	Inlet/Outlet: 1/2 BSP 1/4BSP
Maximum operating temperature	100°C
Net weight:	19 kg

Pressure and flow performances, please see enclosed graph.

Materials of construction hp section DLE 5-15:

Standard seal package:	PTFE, FKM
Compressor head:	Aluminium anodised / 1.4305
HP cylinder:	Alu hardcoated/1.4542
HP piston:	1.4305
Fittings:	1.4305
Balls:	1.4034
Springs:	1.4310

Approximate Dimensions:

Length:	612 mm
Width:	181 mm
Height:	233 mm

Available Options:

Inert gas service (standard)	DLE 5-15 (-GG)
Oxygen service:	DLE 5-15-GG-S
CO ₂ service:	DLE 5-15-GG-C
In-/Outlet: 1/2 BSP / 9/16-18UNF (4H)	DLE 5-15-GU
In-/Outlet: 3/8NPT / 1/4NPT	DLE 5-15-NN

Available Accessories:

Air control units with filter pressure regulator, control pressure gauge and shut off valve:	DLE 5-15 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 5-15 with C2/SVair (The required outlet pressure has to be indicated.)

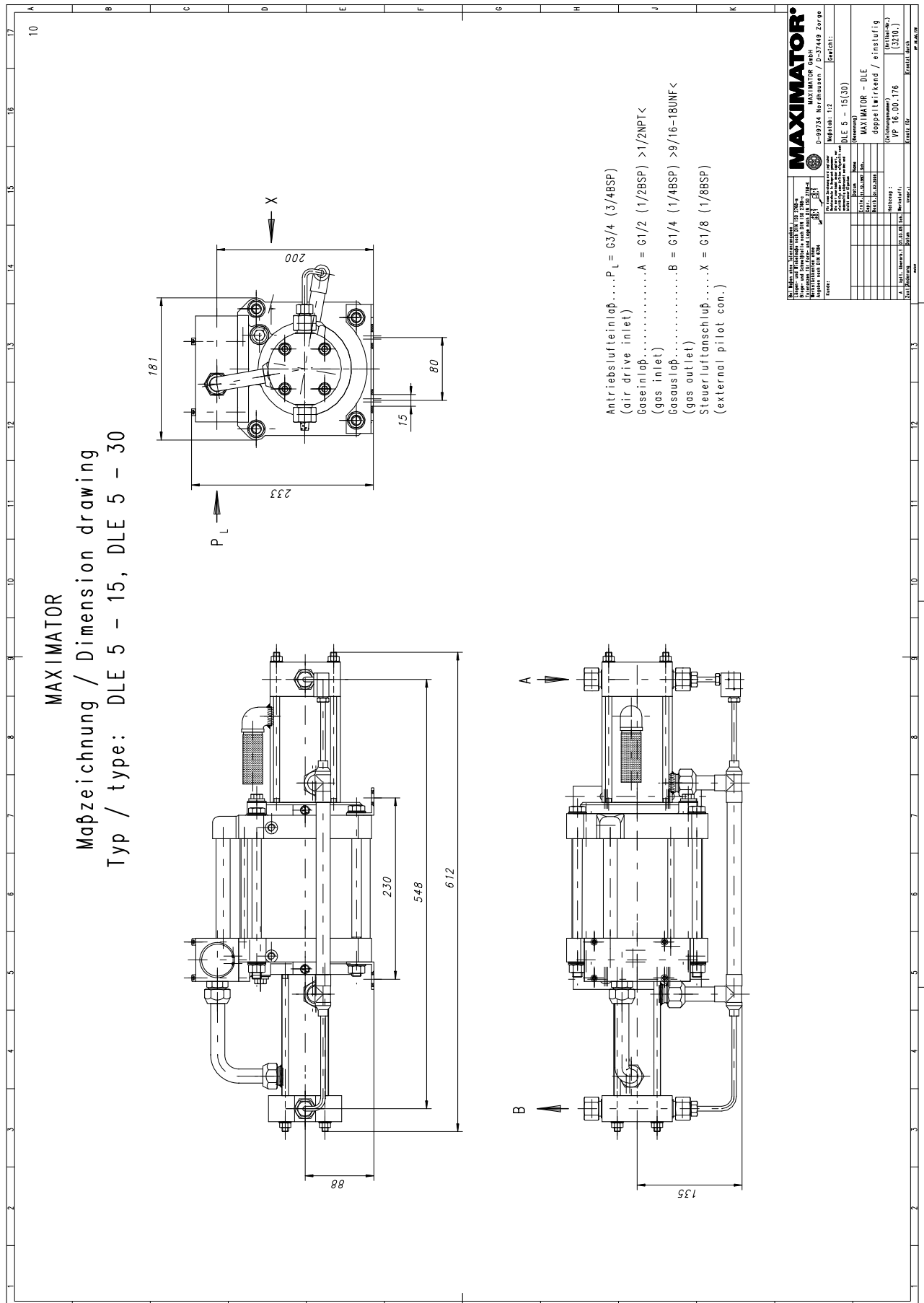
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