

Technical Data Sheet

Gas booster DLE 30-75-3-36



DLE 30-75-3-36
double acting, tripple air drive head
two stages

Technical Data:

Air drive pressure pL:	1-10 bar / 14,5 - 145psi
Pressure ratio i:	1:90 / 1:225
Compression ratio:	1:50
Stage pressure ratio:	1:2.5
Minimum suction pressure pA:	30 bar
Maximum suction pressure pA:	30* air drive pressure pL
Maximum outlet pressure pB:	2,400 bar (36,000 psi)
Displacement volume/double stroke:	60 cm³
Stall pressure:	$PB = 225 * pL + 225/90 * pA$

Standard Connections:

Air drive:	3/4 BSP
DLE 30-75-3-36 (-GU):	Inlet = 1/4" BSP Outlet = 4H (9/16-18 UNF)
Maximum operating temperature:	100°C
Net weight:	36 kg

Materials of construction hp section DLE 30-75-3-36:

Standard seal package:	PTFE, Viton
Compressor head:	1.4313 (DLE30) 1.4542 (DLE75)
HP cylinder:	1.4542
HP piston:	1.4305
Fittings:	1.4313 (DLE30) 1.4542 (DLE75)
Balls:	1.4034
Springs:	1.4310

Approximate Dimensions:

Length:	997 mm
Width:	210 mm
Height:	233 mm

Available Accessories:

Air control units with filter pressure regulator, control pressure gauge and shut off valve:	DLE 30-75-3-36 with C2
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