

Technical data sheet	Oxygen booster	SDLE-20-1-GG-S single acting, single stage, without air returnment
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Available SDLE series

- single action, single stage, without air returnment
Able for filling oxygen or air bottles



Technical data

Air drive pressure pL:	1-10 bar / 14.5—145 psi
Pressure ratio i:	1:20
Compression ratio:	1:20
Minimum suction pressure pA:	10 bar
Maximum suction pressure pA:	200 bar
Maximum outlet pressure pB:	200 bar
Displacement volume:	60 cm ³ / 3,6 cu.inch
Maximum cycles	150 / min
Stall pressure	PB = i * pL

Standard connections

Air drive	1/2" BSP
Inlet / Outlet	1/4" BSP
Maximum operating temperature	100 °C
Net weight	20 kg

Pressure and flow performances, please see enclosed graphics.

Materials of construction hp section SDLE-20-1-GG-S:	Standard seal package	PTFE, NBR, Viton
	Compressor head	1.4305
	HP cylinder	1.4542
	HP piston	1.4305
	Fittings	1.4305
	Balls	Al ₂ O ₃
Approximate dimensions:	Springs	1.4310
	Length	439 mm
	Width	135 mm
Available accessories	Height	175 mm
	Air control units for SDLE series with filter pressure regulator, control pressure gauge and shut off valve:	SDLE-20-1-GG-S 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:	SDLE-20-1-GG-S 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



