

Technical Data Sheet	S100	Oil service
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Technical Data:

Air drive pressure:	1-10 bar / 14,5—145 psi
Calculated Outlet Pressure at an air drive of 10 bar/145 psi	1,000 bar/ 14,500 psi
Pressure ratio:	1:108
Displacement volume/double stroke	4.5 cm ³ / 0.27 cu.inch
Connections	
Inlet: (only side inlet available)	1/2 BSP
Outlet:	3/8 BSP
Air drive	1/2 BSP
Maximum operating temperature	60°C
Net weight	9.1 kg

S100

Single acting, single air drive head

Pressure and flow performances, please see enclosed graph.

Material of construction:	Top cap	Aluminium
	Air cylinder	Aluminium
	seal package:	Polyurethane, Buna N
	Pump Body:	GGG50
	HP Piston	1.4112 (hardened)
Approximate Dimensions:	Height:	221 mm
	Depth:	135 mm
	Width:	175.5 mm
	Special inlet and outlet ports, i.e. NPT	S100-NPT
	Special seal material to handle special fluids on request.	
Available Accessories		
Air control units for S series with filter pressure regulator, control pressure gauge and shut off valve:	S100 with C1.5	
To protect the pump 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:	S100 with C1.5/SVair (The required outlet pressure has to be indicated.)	

Please consult factory for more information.

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Standard pump luft comes with BSP ports, only side inlet available.



