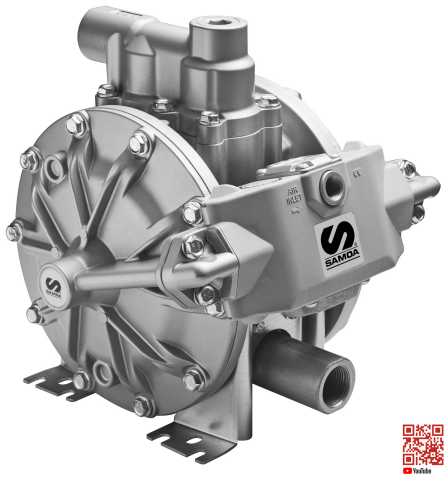

Ref.: 555010

1" PNEUMATIC DOUBLE DIAPHRAGM PUMP, DP200, DIRECTFLO SERIES, ALUMINIUM-HYTREL-ACETAL

Very reliable diaphragm pumps for large volume transfer (200 l/min max.), dosing, and dispensing a variety of fluids. Aluminium pumps have an aluminium air motor. Typical applications for these pumps are transferring and dispensing of antifreeze solutions. They can be used as stand-alone pumps for transfer applications or as systems pumps in distribution systems that include hose reels.Pump inlet and outlet ports can be mounted in different positions for increased installation versatility. Instruction book: 855833.

Technical data Documentation More information

Fluid ports / Location	BSP/NPT
Target product type	Directflo Series Diaphragm Pumps
Pump size	1"
Pressure ratio	1:1
Maximum free flow delivery	200 l/min (53 gal/min)
Air pressure operating range	1,5-8 bar (20-120 psi)
Solids in suspension maximum size	6 mm (0,25 ")
Maximum dry suction head	5 m (16 ft)
Maximum wet suction head	8 m (26 ft)
Delivery per cycle	1 l (0,26 gal)
Fluid inlet	1" BSP (F)
Fluid outlet	1" BSP (F)
Air inlet	3/8" NPSM (F)
Air exhaust port	3/4" NPT (adapter required)
Sound level	80 dB
Certification	ATEX
Fluid path material	Aluminium
Diaphragms type & material	Hytrel
Valve seats material	Hytrel
Valve balls material	Acetal
Shaft material	Stainless steel
Seals material	NBR
Other wetted materials	Stainless steel
Wetted materials	Aluminium, Hytrel, Acetal, Stainless steel, Viton

Air motor material	Aluminium
Weight	11,5 kg (23,35 lb)
Compatible fluids	Coolant

Technical data Documentation More information

Instruction manuals

855833 Instruction book: 1" pneumatic double diaphragm pump, DP200, DirectFlo series (PDF)

Download

Catalogs

Product brochure: AODDP, DP200, 2017 EN LUBE (PDF)

Download

Spare parts

/6203809

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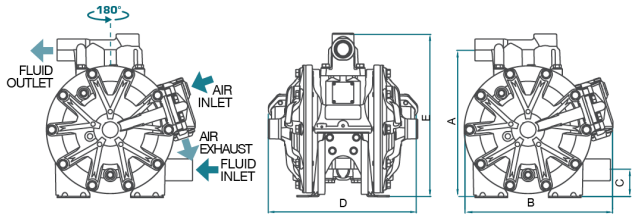
Technical data Documentation More information



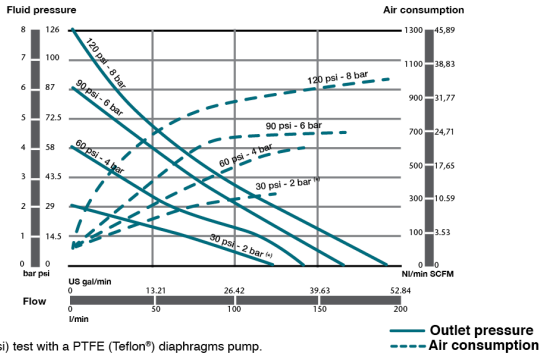
mm

A	B	C	D	E
278	280	52	281	308

in

A	B	C	D	E
10 15/16	11 1/32	2 3/64	11 1/16	12 1/8

Tested at room temperature, with water and flooded pump with 800 mm (31.5 inches) height of water above the pump inlet.



(*) 2 bar (30 psi) test with a PTFE (Teflon®) diaphragms pump.