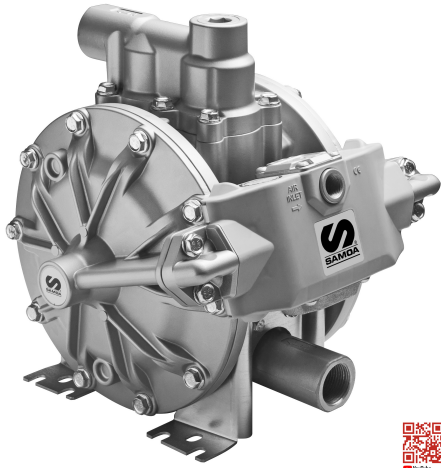


Ref.: 555030



## 1" PNEUMATIC DOUBLE DIAPHRAGM PUMP, DP200, DIRECTFLO SERIES, ALUMINIUM-NBR-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 lubricant oils, diesel and waste oil evacuation or transferring. 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

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

<b>Air motor material</b>	Aluminium
<b>Weight</b>	11,5 kg (23,35 lb)
<b>Compatible fluids</b>	Oil, Diesel, Waste oil

**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)

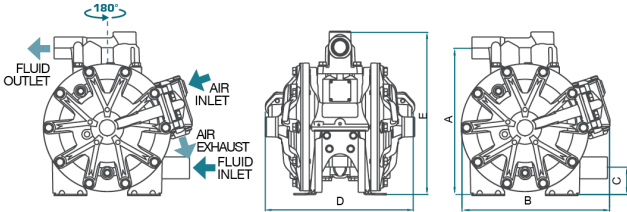
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**Spare parts**

Spare part document: DP20012 555030 (PDF)

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**Technical data**      **Documentation**      **More information**

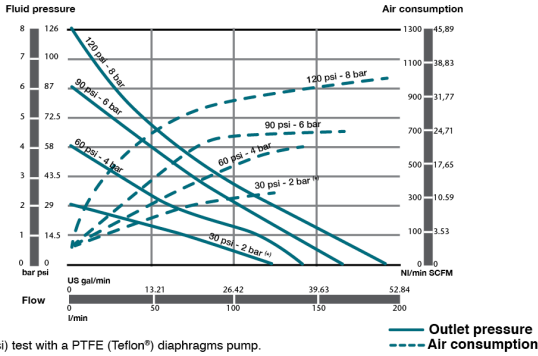


mm				
A	B	C	D	E
278	280	52	281	308

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.