

**DF100PPYT  
WTTBAS**
**1" PNEUMATIC DOUBLE DIAPHRAGM PUMP, DF100,  
DIRECTFLO SERIES, PP-PTFE-PTFE-PVDF**


Air operated double diaphragm pumps for dosing, spraying, transferring, evacuating and distributing a wide variety of fluids. Ideal for standard applications with medium flow rates.

Pump wetted parts are compatible even with the most aggressive fluids and are suitable for use in corrosive environments. Air motor (directional air valve and air chamber covers) is made of polypropylene.

This pump has wide compatibility, including acids and alkalis for water treatment and CIPs chlorinated cleaning agents for home & industrial cleaning processes.

VIDEO Youtube: [https://youtu.be/b\\_O8J029PxY](https://youtu.be/b_O8J029PxY)

**DATOS TÉCNICOS**

Air inlet	3/8" NPSM (F)
Air pressure operating range	1.5 - 8 bar (20 - 120 psi)
Certification	-
Delivery per cycle	0.5 l (0.13 gal)
Fluid inlet	1" BSPP (F)
Fluid outlet	1" BSPP (F)
Fluids	Alkalis, Detergent, Acids
Maximum dry suction head	4.5 m (15 ft)
Maximum free flow delivery	100 l/min (28 gal/min)
Maximum wet suction head	7 m (23 ft)
Pressure ratio	1:1
Pump size	1"
Solids in suspension maximum size	4 mm (0.18 ")
Weight	5.1 kg (11.24 lb)
Wetted materials	PVDF, Hastelloy C, PTFE, Polypropylene

**DOCUMENTACIÓN**
**NOMBRE**

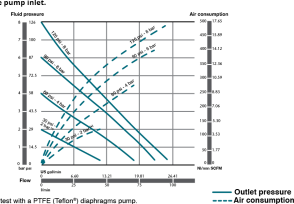
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**DESCRIPCIÓN**

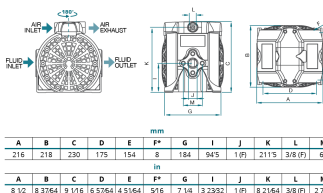
Instructions manual 1

**+ INFO**

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®) diaphragm pump.



**CUADRO DE MODELOS**
**DF100PDSTTTBAS**

Diaphragms	PTFE
Balls	PTFE
Seats	Stainless steel (AISI 316)
Other wetted materials	Stainless steel
Air motor	Polypropylene
Fluid Path	Conductive acetal

**DF100PKYTWTTBAS**

Diaphragms	PTFE
Balls	PTFE
Seats	PVDF
Other wetted materials	Hastelloy C
Air motor	Polypropylene
Fluid Path	Conductive PVDF

**DF100PPSESTMBAS**

Diaphragms	Santoprene
Balls	PTFE
Seats	Stainless steel (AISI 316)
Other wetted materials	Stainless steel
Air motor	Polypropylene
Fluid Path	Polypropylene

**DF100PPSTTTBAS**

Diaphragms	PTFE
Balls	PTFE
Seats	Stainless steel (AISI 316)
Other wetted materials	Stainless steel
Air motor	Polypropylene
Fluid Path	Polypropylene

**DF100PPSVSTHBAS**

Diaphragms	Hytrel
Balls	PTFE
Seats	Stainless steel (AISI 316)
Other wetted materials	Stainless steel
Air motor	Polypropylene
Fluid Path	Polypropylene

**DF100PPYTWTTBAS**

Diaphragms	PTFE
Balls	PTFE
Seats	PVDF
Other wetted materials	Hastelloy C
Air motor	Polypropylene
Fluid Path	Polypropylene