

**DF100PPSE  
STMBAS**
**1" PNEUMATIC DOUBLE DIAPHRAGM PUMP, DF100,  
DIRECTFLO SERIES, PP-SANTOPRENE-PTFE**


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.

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	Adhesive, Water based fluids, Diluted alkalis, Alcohol, Coating, Diluted 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	PTFE, Santoprene, Stainless steel, Polypropylene, Stainless steel (AISI 316)

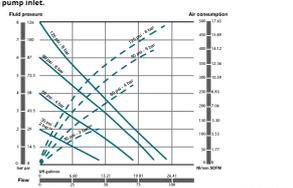
**DOCUMENTACIÓN**
**NOMBRE**
**DESCRIPCIÓN**

855837.pdf

Instructions manual 1

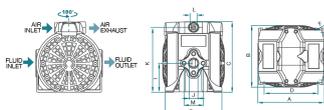
**+ INFO**

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.

— Outlet pressure  
 - - - - Air consumption



mm											
A	B	C	D	E	F*	G	I	J	K	L	M
216	218	230	175	154	8	184	94.9	1.0	211.5	3/8 (F)	62
in											
A	B	C	D	E	F*	G	I	J	K	L	M
8.12	8.3764	9.116	6.5764	4.5164	516	7.14	3.2332	1.0	8.2164	3/8 (F)	2.316

**CUADRO DE MODELOS**

**DF100PDSTSTTBAS**

Dia IUDJPDV	PTFE
3HORWD	PTFE
\$VLHQWRV	\$FHUR LQR (AISI 316)
OtURV PDWHULDOH	V\$PRM DGR [LGDEOH
ORWRU GH DLUH	PolSURSLOHQR
&DPLQR IOXLGR	\$cetal FRQGXFWRU

**DF100PKYTWTTBAS**

Dia IUDJPDV	PTFE
3HORWD	PTFE
\$VLHQWRV	PVDF
OtURV PDWHULDOH	Hasiermy DGRV
ORWRU GH DLUH	PolSURSLOHQR
&DPLQR IOXLGR	PVDF FRQGXFWLYR

**DF100PPSESTMBAS**

Dia IUDJPDV	Santopren R
3HORWD	PTFE
\$VLHQWRs	\$FHUR LQR [LGDEOH (AISI 316)
OtURV PDWHULDOH	V\$PRM DGR [LGDEOH
ORWRU GH DLUH	PolSURSLOHQR
&DPLQR IOXLGR	PolSURSLOHQR

**DF100PPSTSTTBAS**

Dia IUDJPDV	PTFE
3HORWD	PTFE
\$VLHQWRs	\$FHUR LQR [LGDEOH (AISI 316)
OtURV PDWHULDOH	V\$PRM DGR [LGDEOH
ORWRU GH DLUH	PolSURSLOHQR
&DPLQR IOXLGR	PolSURSLOHQR

**DF100PPSVSTHBAS**

Dia IUDJPDV	Hytrel
3HORWD	PTFE
\$VLHQWRs	\$FHUR LQR [LGDEOH (AISI 316)
OtURV PDWHULDOH	V\$PRM DGR [LGDEOH
ORWRU GH DLUH	PolSURSLOHQR
&DPLQR IOXLGR	PolSURSLOHQR

**DF100PPYTWTTBAS**

Dia IUDJPDV	PTFE
3HORWDV	PTFE
\$VLHQWRs	PVDF
OtURV PDWHULDOH	Hasiermy DGRV
ORWRU GH DLUH	PolSURSLOHQR
&DPLQR IOXLGR	PolSURSLOHQR