

Ref.: UP10A-NAC-MMA



1" PNEUMATIC DOUBLE DIAPHRAGM PUMP, UP10, PIVOT SERIES, ALUMINIUM-ALUMINIUM-SANTOPRENE-SANTOPRENE, NPT-LAT&CEN-THREADED

Air operated double diaphragm pumps for dosing, spraying, transferring, evacuating and distributing a wide variety of fluids. SAMOA offers a wide range of material options for chemical compatibility and to withstand abrasion, temperature and fatigue caused by demanding conditions. UP10 pump makes the difference through:

- HIGHER EFFICIENCY. Maximum fluid flow with reduced air consumption.
- INCREASED RELIABILITY. No stall, no icing, reliable start-up and longer air valve and diaphragm lifes.
- MAXIMUM VERSATILITY. Metal pumps and a wide range of diaphragms, seats and balls offer broad fluid and application compatibility.
- EASY SERVICING. Simplified maintenance and cleaning. Components designed for long life and reliability. This model is a fully groundable ATEX certified pump, for use in potentially explosive atmospheres (Ex II2 GD IIB/IIC 95 °C). Instruction books: 855873 and 855879.

Technical data

Documentation

More information

Pump size	1"
Pressure ratio	1:1
Target product type	Pivot Series Diaphragm Pumps
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	6,4 mm (0,25 ")
Maximum dry suction head	5 m (16 ft)
Maximum wet suction head	8 m (26 ft)
Delivery per cycle	0,85 l (0,2 gal)
Fluid inlet	1" NPT (F)
Fluid outlet	1" NPT (F)
Air inlet	1/2" NPT (F)
Air exhaust port	1" NPT (F)
Sound level	75 dB
Certification	ATEX
Central body & Air chambers material	Aluminium
Fluid ports / Location	1" NPT central and lateral threaded
Fluid chambers & Manifolds material	Aluminium
Hardware Bolts & Inserts material	Carbon steel
Diaphragms type & material	Santoprene

Valve seats material	Santoprene
Valve balls material	Santoprene
Wetted materials	Aluminium, Santoprene
Accessories for UE Pumps	No
Weight	11,5 kg (25 lb)

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Instruction manuals

855879.pdf

[Download](#)

855873 Instruction book: 1" pneumatic double diaphragm pump, UP10, Pivot series, metallic versions (PDF)

[Download](#)

Catalogs

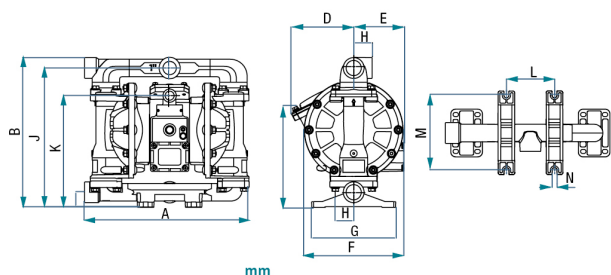
Product brochure: AODDP, UP10 METAL, 2023 EN (PDF)

[Download](#)

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More information



mm

A	B	C	D	E	F	G	H	I	J	K	L	M	N
348	317	214	131	106	209	177	39	32	295	237	102	159	10

in

A	B	C	D	E	F	G	H	I	J	K	L	M	N
13.70"	12.48"	8.43"	5.16"	4.17"	8.23"	6.97"	1.54"	1.26"	11.61"	9.33"	4.02"	6.26"	0.39"

Tested at room temperature, with water. Flooded pump with positive suction head.

