

Ref.: UP15A-BAC-HHC



1-1/2" PNEUMATIC DOUBLE DIAPHRAGM PUMP, UP15, PIVOTSERIES, ALUMINIUM-ALUMINIUM-HYTREL-HYTREL-HYTREL, BSP-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. New UP15 pump makes the difference through:

- HIGHER EFFICIENCY. Maximum fluid flow with reduced air consumption.
- SUPERIOR RELIABILITY. No stall, no icing, reliable start-up and longer air valve and diaphragm lifes.
- UNIQUE FRICTIONLESS PIVOT-SHAFT. Fast shifting reduces air consumption, with a smooth pump operation, no icing and no whistle noises.
- EASY SERVICING. Simplified maintenance and cleaning. Components designed for long life and reliability. This Pivot Series Compact Line model is a fully groundable ATEX certified pump, for use in potentially explosive atmospheres (Ex II2 GD IIB/IIC 95 °C). Instruction book: 855889.

Technical data

Documentation

More information

Pump size	1-1/2"
Pressure ratio	1:1
Target product type	Pivot Series Diaphragm Pumps
Maximum free flow delivery	475 l/min (125 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	6 m (19,6 ft)
Maximum wet suction head	9 m (29,5 ft)
Delivery per cycle	2,5 l (0,66 gal)
Fluid inlet	1-1/2" BSP (F)
Fluid outlet	1-1/2" NPT (F)
Air inlet	1/2" NPT (F)
Air exhaust port	1" NPT (F)
Sound level	83 dB
Certification	ATEX
Central body & Air chambers material	Aluminium
Fluid ports / Location	1-1/2" BSP central and lateral threaded
Fluid chambers & Manifolds material	Aluminium
Hardware Bolts & Inserts material	Carbon steel

Diaphragms type & material	Hytrel
Valve seats material	Hytrel
Valve balls material	Hytrel
Wetted materials	Hytrel
Accessories for UE Pumps	No
Weight	23 kg (50,71 lb)

[Technical data](#)

[Documentation](#)

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Instruction manuals

855889 Instruction Book UP15 1 1-2" AODDP Metallic

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Catalogs

Product brochure: AODDP, UP15 METAL, 2025 FR (PDF)

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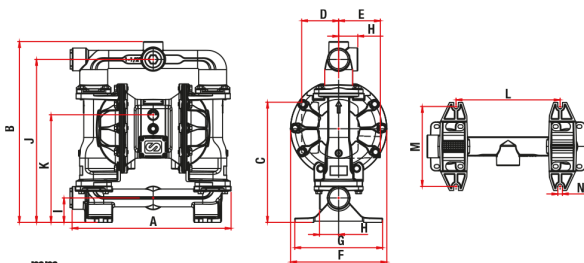
Product brochure: AODDP, UP15 METAL, 2025 SW (PDF)

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A	B	C	D	E	F	G	H	I	J	K	L	M	N
447	577,5	362,5	106	220	276	255	100	80	477	326,5	298,5	228,6	13
456	517,5	344	106	220	276	252	55	70	466,5	308	298,5	228,6	13

in													
A	B	C	D	E	F	G	H	I	J	K	L	M	N
17,6	22,7	14,13	4,2	8,7	10,9	10	3,9	3,2	18,8	12,86	11,8	9	0,59
17,95	20,4	13,5	4,2	8,7	10,9	9,9	2,2	2,8	18,4	12,1	11,8	9	0,59

Performance charts with water at room temperature (20 °C - 70 °F)

