

Ref.: CP10A-BAC-HHC



## 1" PNEUMATIC DOUBLE DIAPHRAGM PUMP, CP10, PIVOT SERIES (COMPACT LINE), ALUMINIUM-ALUMINIUM-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 compact CP10 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.
- COMPACT AND UNIVERSAL DESIGN. 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: 855888.

### Technical data

### Documentation

### More information

<b>Pump size</b>	1"
<b>Pressure ratio</b>	1:1
<b>Target product type</b>	Pivot Series Diaphragm Pumps
<b>Maximum free flow delivery</b>	130 l/min (35 gal/min)
<b>Air pressure operating range</b>	1,5-8 bar (20-120 psi)
<b>Solids in suspension maximum size</b>	3,2 mm (1,8 ")
<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>	0,4 l (0,1 gal)
<b>Fluid inlet</b>	1" BSP (F)
<b>Fluid outlet</b>	1" NPT (F)
<b>Air inlet</b>	3/8" NPT (F)
<b>Air exhaust port</b>	1/2" NPT (F)
<b>Sound level</b>	75 dB
<b>Certification</b>	ATEX
<b>Central body &amp; Air chambers material</b>	Aluminium
<b>Fluid ports / Location</b>	1" BSP central and lateral threaded
<b>Fluid chambers &amp; Manifolds material</b>	Aluminium
<b>Hardware Bolts &amp; Inserts material</b>	Carbon steel

<b>Diaphragms type &amp; material</b>	Hytrel
<b>Valve seats material</b>	Hytrel
<b>Valve balls material</b>	Hytrel
<b>Wetted materials</b>	Hytrel
<b>Accessories for UE Pumps</b>	No
<b>Weight</b>	5,4 kg (12,1 lb)

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[Documentation](#)

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## Instruction manuals

855888 Instruction Book: CP10 AODDP Metallic

[Download](#)

## Catalogs

BROCHURE-AODDP-CP10-METAL-2025-ES

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BROCHURE-AODDP-CP10-METAL-2025-SW

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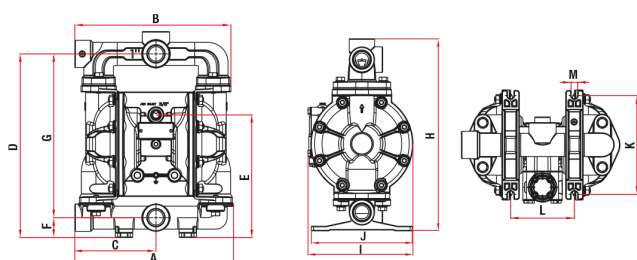
Product brochure: AODDP, CP10 METAL, 2025 EN (PDF)

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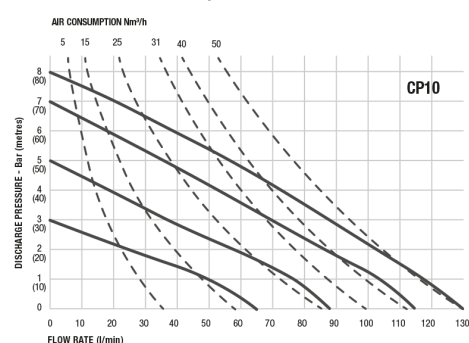
[Documentation](#)

[More information](#)



mm												
A	B	C	D	E	F	G	H	I	J	K	L	M
256	252	131	295	197	32	263	331	182	175	159	103	10
in												
A	B	C	D	E	F	G	H	I	J	K	L	M
10.08	9.92	5.16	11.61	7.75	1.26	10.35	13.03	7.16	6.89	6.25	4.05	0.39

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



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