

Ref.: CP10A-NAC-MMA



1" PNEUMATIC DOUBLE DIAPHRAGM PUMP, CP10, PIVOT SERIES (COMPACTLINE), ALUMINIUM-ALUMINIUM-SANTOPRENE-SANTOPRENE, NPT-LAT&CEN-TREATED

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

Pump size	1"
Pressure ratio	1:1
Target product type	Pivot Series Diaphragm Pumps
Maximum free flow delivery	130 l/min (35 gal/min)
Air pressure operating range	1,5-8 bar (20-120 psi)
Solids in suspension maximum size	3,2 mm (1,8 ")
Maximum dry suction head	5 m (16 ft)
Maximum wet suction head	8 m (26 ft)
Delivery per cycle	0,4 l (0,1 gal)
Fluid inlet	1" BSP (F)
Fluid outlet	1" NPT (F)
Air inlet	3/8" NPT (F)
Air exhaust port	1/2" 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	Hytrel
Valve balls material	Santoprene
Wetted materials	Santoprene
Accessories for UE Pumps	No
Weight	5,4 kg (12,1 lb)

[Technical data](#)

[Documentation](#)

[More information](#)

Instruction manuals

855888.QR

[Download](#)

Catalogs

BROCHURE-AODDP-CP10-METAL-2025-ES

[Download](#)

BROCHURE-AODDP-CP10-METAL-2025-DE

[Download](#)

BROCHURE-AODDP-CP10-METAL-2025-IT

[Download](#)

BROCHURE-AODDP-CP10-METAL-2025-FR

[Download](#)

BROCHURE-AODDP-CP10-METAL-2025-SW

[Download](#)

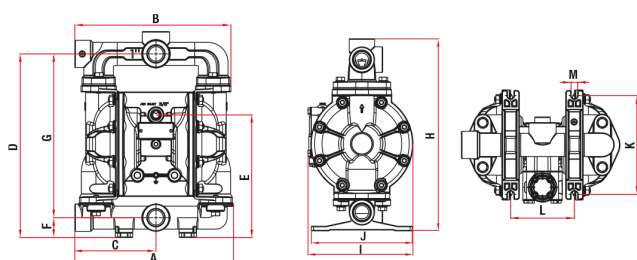
Product brochure: AODDP, CP10 METAL, 2025 EN (PDF)

[Download](#)

[Technical data](#)

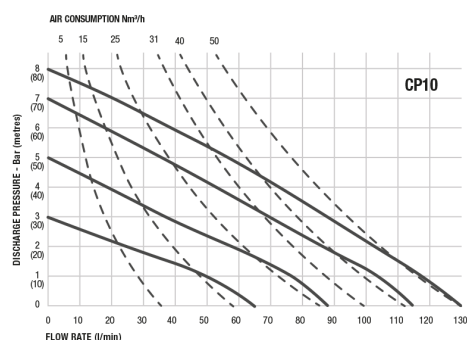
[Documentation](#)

[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)