

Ref.: UP05B-NPS-PTZ

1/2" AODDP, C.PP-PP, PP-PTFE-PTFE, NPT-CENT&LAT&VERT

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. UP05 Metallic pumps make 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 diaphragms life. · MAXIMUM VERSATILITY. Aluminium and Stainless Steel pumps with a wide range of diaphragms, seats and balls options offer broad fluid and application compatibility. Highly suitable for outdoors and general applications with presence of abrasives. · EASY SERVICING. Simplified maintenance and cleaning. The pump is held together by carriage bolts and nuts allowing to accomplish a much faster tear down and rebuild. · COMPACT DESING. Ready to meet any OEM application needs. · CONNECTIVITY. Can be configured to connect a Smart Pump-Controller System to actuate, control and monitor your pumps. Instruction book: 855875.

Technical data Documentation More information

Pump size	1/2"
Pressure ratio	1:1
Maximum free flow delivery	54 l/min (14,3 gal/min)
Air pressure operating range	1,5-8 bar (20-120 psi)
Solids in suspension maximum size	2,5 mm (0,09 ")
Maximum dry suction head	5 m (16 ft)
Maximum wet suction head	8 m (26 ft)
Delivery per cycle	0,15 l (0,04 gal)
Fluid inlet	1/2" NPT (F)
Fluid outlet	1/2" NPT (F)
Air inlet	1/4" NPSM (F)
Air exhaust port	1/2" NPT (F)
Sound level	75
Central body & Air chambers material	Conductive polypropylene
Fluid ports / Location	1/2" NPT CENTral and lateral threaded
Fluid chambers & Manifolds material	Polypropylene
Hardware Bolts & Inserts material	Stainless steel
Diaphragms type & material	PTFE
Valve seats material	Polypropylene
Valve balls material	PTFE

Accessories for UE Pumps	No

Instruction manuals

855875 Instruction book: UP05 AODDP Non Metallic

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Catalogs

Product brochure: AODDP, UP05 METAL, 2023 EN (PDF)

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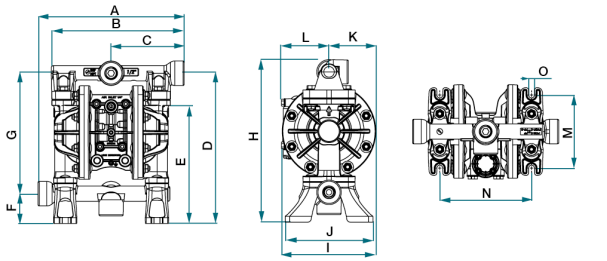

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
mm	250	228	125	257	200	51	206	278	161	150	80	81	125	157	10
inches	9.84	8.98	4.92	10.12	7.87	2.01	8.11	10.95	6.34	5.91	3.15	3.19	4.92	6.18	0.39

