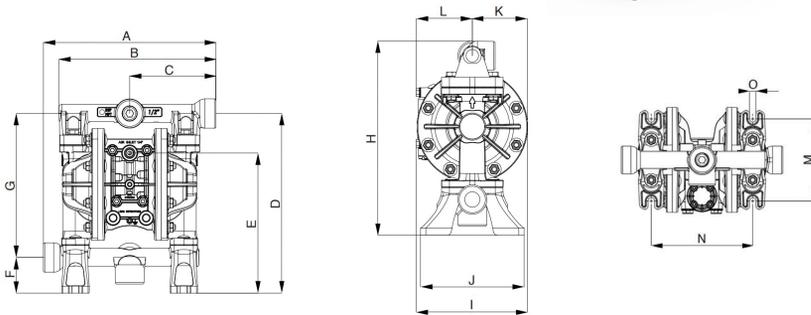


AODD Pivot Series UP05

PIVOT
S E R I E S
UNIVERSAL DESIGN



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

TECHNICAL DATA		
	1120-046	1120-047
Air inlet	1/4" NPT(F)	1/4" NPT(F)
Fluid inlet port	1/2" NPT(F)	1/2" NPT(F)
Fluid outlet port	1/2" NPT(F)	1/2" NPT(F)
Max. free flow	13.5 gal/min (51 l/min)	14.3 gal/min (54 l/min)
Air pressure range	20 to 100 psi (1.5 to 7 bar)	20 to 120 psi (1.5 to 8 bar)
Solids in suspension	3/32" (2.5 mm)	
Wetted Materials	Refer to materials table at the bottom of the page	
Recommended Fluids	Anti-freeze (Glycol), lubricants, used fluid and hydraulic oil	Anti-freeze (Glycol), windshield wash solution, lubricants, used fluid, and hydraulic oil
Recommended Applications	Medium volume transfer, de-wattering and fluid evacuation	
Service Bulletin	SB 1211	

** Balcrank does not recommend pumping windshield wash or any other fluid below 100° flash point. Contact Balcrank for additional information.

AIR MOTOR	HOUSINGS			WETTED PARTS			
Central Body & Air Chambers	Fluid Ports / Location Multiport manifolds: central and lateral		Fluid Chambers & Manifolds	Hardware Bolts & Inserts	Valve Seats	Valve Balls	Diaphragms Type & Material
1120-046 UP05A-NAC-AHC							
A= Aluminum	N= NPT threaded ports		A= Aluminum	C=Carbon Steel	A=Aluminum	H=Hytril	C=Hytril
1120-047 UP05B-NPS-PMA							
B= Polypropylene	N= NPT threaded ports		P= Polypropylene	S= Stainless Steel	P= Polypropylene	M= Santoprene	A= Santoprene

Anti-freeze (Glycol) Windshield wash solution Synthetic and mineral oil

The Pivot Series combines a universal design with a unique frictionless Pivot-Shaft Air Valve to provide maximum performance and efficiency. This pump has been designed for simplified cleaning and maintenance and all Pivot Series pumps are designed for maximum fluid flow, and reduced air consumption.

The UP05 Pivot Series pump transfers fluid up to 14 gal/min. Combining a conventional flow design with a special pivoting air valve for increased reliability. This pump can be used as a stand-alone pump for transfer or as a system pump for fluid distribution.

Markets Served

- Car and Truck Dealerships
- Mining and Construction
- Fleets
- In Plant Transfer
- Lube Trucks
- Agriculture / Farm Implement

MODELS AVAILABLE	DESCRIPTION
1120-046	1/2" Diaphragm Pump Aluminium UP05A-NAC-AHC
1120-047	1/2" Diaphragm Pump Polypropylene UP05B-NPS-PMA

