

AODD Pivot Series UP30

PIVOT
S E R I E S
UNIVERSAL DESIGN



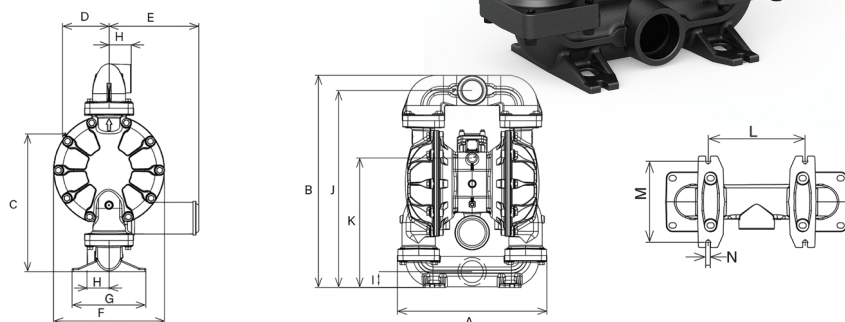
Anti-freeze (Glycol) Used oil Synthetic and mineral oil

This Pivot Series pump is designed to handle a wide range of fluids in very large volume transfer and fluid evacuation applications.

The UP30 Pivot Series pump transfers fluid up to 265 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

- Mining and construction
- Railroad and mass transit vehicles
- In-plant transfer
- Agriculture/Farm implement
- Lube trucks



Dimensions inches (MM)						
A	B	C	D	E	F	G
22.6" (574mm)	32.3" (820 mm)	21.4" (544 mm)	7.2" (183 mm)	13.9" (353 mm)	17.2" (437 mm)	11.4" (290 mm)
H	I	J	K	L	M	N
3.4" (86 mm)	2.4" (61 mm)	30" (762 mm)	19.7" (500 mm)	12.1" (307 mm)	10.1" (256 mm)	.06" (1,5 mm)

TECHNICAL DATA	
Air inlet	3/4" NPT(F)
Fluid inlet port	3 " NPT(F)
Fluid outlet port	3 " NPT(F)
Max. free flow	265 gal/min (1000 l/min)
Air pressure range	20-120 psi (1.5-8 bar)
Solids in suspension	1/2" (12.7 mm)
Wetted Materials	Refer to materials table at the bottom of the page
Recommended Fluids	Anti-freeze (Glycol), lubricants, used oil, used fluids, and hydraulic oil
Recommended Applications	Very large volume transfer, de-waterring and fluid evacuation
Service Bulletin	SB 1207

** 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
1120-042 UP30A-NAC-NNG						
A=Aluminum	N=NPT threaded ports	A=Aluminum	C=Carbon Steel	N = Nitrile (Buna-N)	N = Nitrile (Buna-N)	G= Nitrile (Buna-N)

MODELS AVAILABLE	DESCRIPTION
1120-042	3" Diaphragm Pump Aluminum UP30A-NAC-NNG

