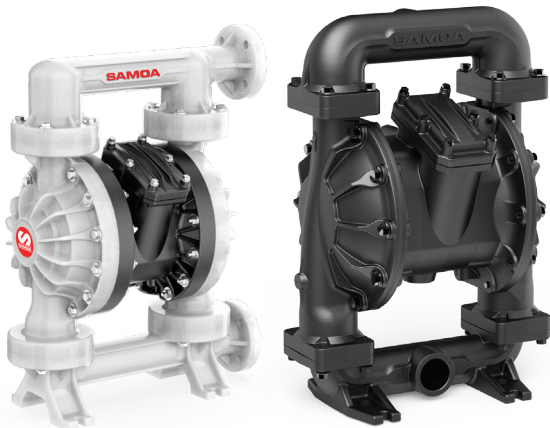


AODD Pivot Series UP20

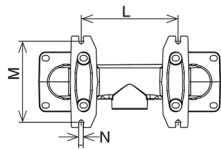
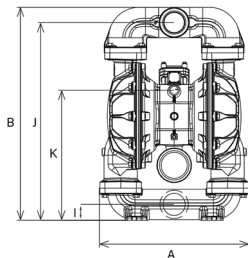
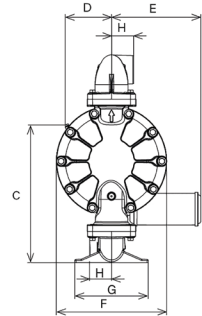


Anti-freeze (Glycol)
Windshield wash
solution
Used oil
Synthetic and
mineral oil

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

The UP20 Pivot Series pump transfers fluid up to 170 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



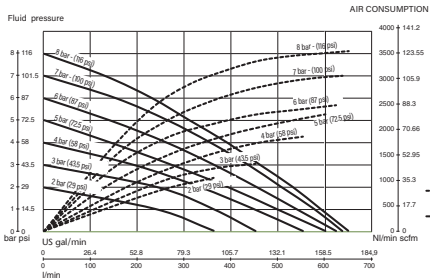
Dimensions inches (MM)						
A	B	C	D	E	F	G
18.3" (465 mm)	26.5" (673 mm)	18.9" (480 mm)	7.3" (185 mm)	13.9" (353 mm)	13.4" (340 mm)	10" (254 mm)
H	I	J	K	L	M	N
2.4" (61 mm)	1.9" (48 mm)	24.8" (630 mm)	17.3" (439 mm)	10.1" (307 mm)	9.1" (231 mm)	.06" (1.5 mm)

TECHNICAL DATA		
	1120-041	1120-051
Air inlet	3/4" NPT(F)	3/4" NPT(F)
Fluid inlet port	2" NPT(F)	2" Flanged
Fluid outlet port	2" NPT(F)	2" Flanged
Max. free flow	170 gal/min (650 l/min)	172 gal/min (650 l/min)
Air pressure range	20-120 psi (1.5-8 bar)	20-100 psi (1.5-7 bar)
Solids in suspension	1/4" (6.4 mm)	1/4" (6.4 mm)
Wetted Materials	Refer to materials table at the bottom of the page	Refer to materials table at the bottom of the page
Recommended Fluids	Anti-freeze (Glycol), lubricants, used oil, used fluids, and hydraulic oil	Anti-freeze (Glycol), lubricants, used oil, used fluids, and synthetic and mineral oil
Recommended Applications	Very large volume transfer, dewatering and fluid evacuation	Very large volume transfer, dewatering and fluid evacuation
Service Bulletin	SB 1206	

** 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
1120-041 UP20A-NAC-HHC						
A=Aluminum	N=NPT threaded ports	A=Aluminum	C=Carbon Steel	H=Hytrell®	H=Hytrell®	C=Hytrell®
1120-051 UP20B-FPS-PHC						
B*=Conductive Polypropylene	F=Flanged Ports	P=Polypropylene	S=Stainless Steel	P=Polypropylene*	H=Hytrell®	C=Hytrell®

MODELS AVAILABLE	DESCRIPTION
1120-041	2" Diaphragm Pump Aluminum UP20A-NAC-HHC
1120-051	2" Diaphragm Pump Polypropylene UP20B-FPS-PHC



*Tested at room temperature, using water. Flooded pump with positive suction head.