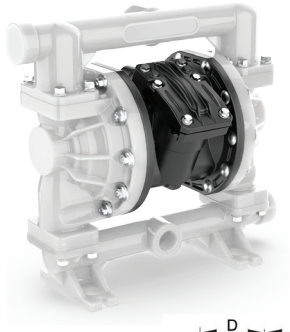
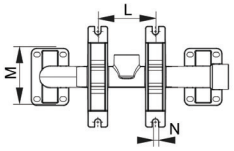
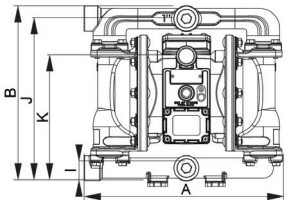
Balcrank
Fluid Dispensing Systems

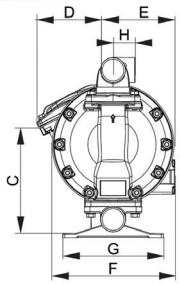
PIVOT
SERIES
UNIVERSAL DESIGN











Dimensions inches (MM)						
A	B	C	D	E	F	G
13.70 (348 MM)	12.48 (317 MM)	8.43 (214 MM)	5.16 (131 MM)	4.17 (106 MM)	8.23 (209 MM)	6.97 (177 MM)
H	I	J	K	L	M	N
1.54 (39 MM)	1.26 (32 MM)	11.61 (295 MM)	9.33 (237 MM)	4.02 (102 MM)	6.26 (159 MM)	0.39 (10 MM)

Anti-freeze (Glycol)
Windshield wash solution
Used oil
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 UP10 Pivot Series pump transfers fluid up to 53 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
- Railroad and mass transit
- In plant transfer
- Lube Trucks
- Agriculture / Farm Implement

TECHNICAL DATA		
	1120-044	1120-048
Air inlet	1/2" NPT(F)	1/2" NPT(F)
Fluid inlet port	1" NPT(F)	1" NPT(F)
Fluid outlet port	1" NPT(F)	1" NPT(F)
Max. free flow	53 gal/min (200 l/min)	53 gal/min (200 l/min)
Air pressure range	20-120 psi (1.5-8 bar)	20-120 psi (1.5-8 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	
Recommended Fluids	Anti-freeze (Glycol), lubricants, used oil, used fluids, and hydraulic oil	Anti-freeze (Glycol), windshield wash solution, lubricants, used oil, used fluids, and hydraulic oil
Recommended Applications	Medium to large volume transfer, de-wattering and fluid evacuation	
Service Bulletin	SB 1156	

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

MODELS AVAILABLE	DESCRIPTION
1120-044	1" Diaphragm Pump Aluminum UP10A-NAC-HHC
1120-048	1" Diaphragm Pump Polypropylene UP10B-TPS-PMA

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
1120-044 UP10A-NAC-HHC						
A= Aluminum	N= NPT threaded ports	A= Aluminum	C=Carbon Steel	H=Hytrel	H=Hytrel	C=Hytrel
1120-048 UP10B-TPS-PMA						
B= Polypropylene	N= NPT threaded ports-lateral	P= Polypropylene	S= Stainless Steel	P= Polypropylene	M= Santoprene	A= Santoprene

