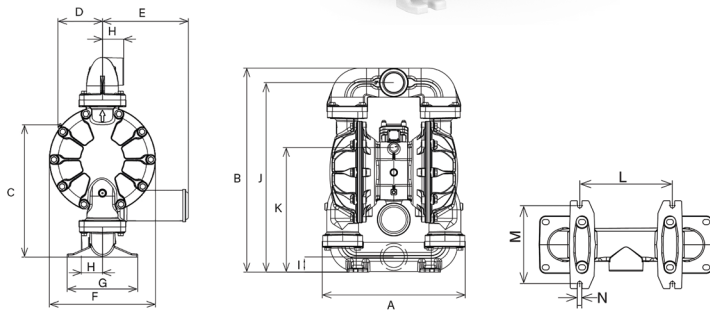


Pivot Series UP20

PIVOT
S E R I E S
UNIVERSAL DESIGN



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	
Air inlet	3/4" NPT(F)
Fluid inlet port	2" Flanged
Fluid outlet port	2" Flanged
Max. free flow	172 gal/min (650 l/min)
Air pressure range	20-100 psi (1.5-7 bar)
Solids in suspension	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 synthetic and mineral oil
Recommended Applications	Very large volume transfer, dewatering and fluid evacuation
Service Bulletin	--

** 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
1120-051 UP20B-FPS-PHC						
B*=Conductive Polypropylene	F=Flanged Ports	P=Polypropylene	S=Stainless Steel	P=Polypropylene*	H=Hytrell [®]	C=Hytrell [®]

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

MODELS AVAILABLE	DESCRIPTION
1120-051	2" Diaphragm Pump Polypropylene UP20B-FPS-PHC

