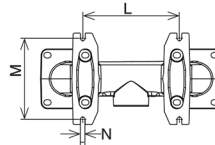
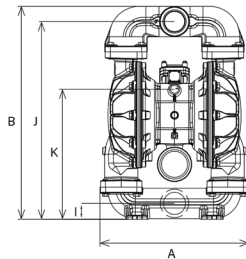
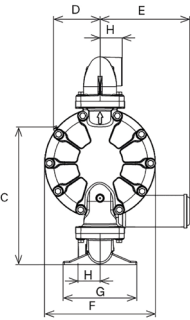


PIVOT
S E R I E S
UNIVERSAL DESIGN



| 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) |

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

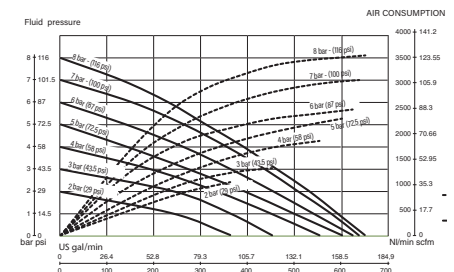
- Mining and construction
- Railroad and mass transit vehicles
- In-plant transfer
- Agriculture/Farm implement
- Lube trucks

| TECHNICAL DATA | |
|--------------------------|--|
| Air inlet | 3/4" NPT(F) |
| Fluid inlet port | 2" NPT(F) |
| Fluid outlet port | 2" NPT(F) |
| Max. free flow | 170 gal/min (650 l/min) |
| Air pressure range | 20-120 psi (1.5-8 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 hydraulic oil |
| Recommended Applications | Very large volume transfer, dewatering and fluid evacuation |
| Service Bulletin | SB 1206 |

| MODELS AVAILABLE | DESCRIPTION |
|------------------|--|
| 1120-041 | 2" Diaphragm Pump Aluminum UP20A-NAC-HHC |

** 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=Hytrel ¹ | H=Hytrel ¹ | C=Hytrel ¹ |



¹Tested at room temperature, using water. Flooded pump with positive suction head.